



# **Technical Specifications**

Not all attachments available in all regions. Consult your Cat® dealer for specific configurations available in your region.

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#### Engine Engine Model Cat<sup>®</sup> C9.3B Engine Power @ 1,600 rpm -239 kW 321 hp ISO 14396:2002 325 hp (metric) Gross Power @ 1,600 rpm -242 kW 325 hp SAE J1995:2014 329 hp (metric) Net Power @ 1,600 rpm -226 kW 303 hp ISO 9249:2007, SAE J1349:2011 307 hp (metric) Engine Torque @ 1,200 rpm -1781 N·m 1,313 lbf-ft ISO 14396:2002 Gross Torque @ 1,200 rpm -1799 N·m 1,327 lbf-ft SAE J1995:2014 Net Torque @ 1,200 rpm -1702 N·m 1,255 lbf-ft ISO 9249:2007, SAE J1349:2011 Bore 115 mm Stroke 149 mm Displacement 9.3 L

• Cat engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV and Japan 2014 emission standards.

• The net power advertised is the power available at the flywheel when the engine is equipped with fan, alternator, air cleaner and aftertreatment.

• Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels\*\* up to:

• 20% biodiesel FAME (fatty acid methyl ester)\*

• 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

- \* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

2.80-11.90 m<sup>3</sup> 3.75-15.50 yd<sup>3</sup>

#### **Bucket Capacities**

Bucket Range

Weight		
On aroting Waight	22 106 1-2	51 104 lb
Operating Weight	23 196 kg	51,124 lb

• Weight based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, standard counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, front manual differential/open rear axles, power train guard, secondary steering, sound suppression, and a 4.2 m<sup>3</sup> (5.5 yd<sup>3</sup>) general purpose bucket with BOCE.

#### **Operating Specifications**

Static Tipping Load – Full Turn		
Maximum Articulation Angle		37°
(Full Turn)		
With Tire Deflection	14,849 kg	32,727 lb
No Tire Deflection	15,981 kg	35,224 lb
Breakout Force	174 kN	38,999 lbf

• For a machine configuration as defined under "Weight."

• Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

#### **Transmission**

Forward 1	6.7 km/h	4.2 mph
Forward 2	13.5 km/h	8.4 mph
Forward 3	24.2 km/h	15.0 mph
Forward 4	39.5 km/h	24.5 mph
Reverse 1	7.3 km/h	4.5 mph
Reverse 2	14.8 km/h	9.2 mph
Reverse 3	26.6 km/h	16.5 mph
Reverse 4	39.5 km/h	24.5 mph

• Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 849 mm (33 in) roll radius.

Hydraulic Syst	tem
----------------	-----

Implement Pump Type	Variable Displacement		
	Piston, load sensing		
Implement System:			
Maximum Pump Output (2,275 rpm)	373 L/min	99 gal/min	
Maximum Operating Pressure	31 000 kPa	4,496 psi	
Optional 3 <sup>rd</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min	
Optional 3 <sup>rd</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi	
Optional 4 <sup>th</sup> Function Maximum Flow at Work Tool	240 L/min	63 gal/min	
Optional 4 <sup>th</sup> Function Maximum Pressure at Work Tool	20 684 kPa	3,000 psi	
Hydraulic Cycle Time with Rated Payloa	d:		
Raise from Carry Position	6.1 seconds		
Dump, at Maximum Raise	1.4 seconds		
Lower, Empty, Float Down	2.6 seconds		
Total	10.1 seconds		

#### Brakes

Brakes

Brakes meet ISO 3450:2011 standards

Axles	
Front	Fixed
Rear	Oscillating, ±13 degrees

Service Refill Capacities		
Fuel Tank	303 L	80.1 gal
DEF Tank	26 L	6.9 gal
Cooling System	66 L	17.4 gal
Crankcase	23 L	6.1 gal
Transmission	58.5 L	15.5 gal
Differentials and Final Drives – Front	57 L	15.1 gal
Differentials and Final Drives – Rear	57 L	15.1 gal
Hydraulic Tank	114 L	30.1 gal

### Cab

**ROPS/FOPS** 

ROPS/FOPS meet ISO 3471:2008 and ISO 3449:2005 Level II standards

#### **Sound Performance**

Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	108 dB(A)

\*Including countries that adopt the EU and UK Directives \*\*EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701

#### **Air Conditioning System**

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.5 lb) of refrigerant which has a CO, equivalent 2.288 metric tonnes (2.522 tons).

#### Dimensions

All dimensions are approximate.



		Standar	'd Lift	High Lift		
1	Height to Axle Centerline	809 mm	2'7"	809 mm	2'7"	
2	Height to Top of Hood	2850 mm	9'5"	2850 mm	9'5"	
3	Height to Top of Exhaust Pipe	3531 mm	11'8"	3531 mm	11'8"	
4	Height to Top of ROPS	3593 mm	11'10"	3593 mm	11'10"	
5	Height to Top of Product Link <sup>™</sup> Antenna	3607 mm	11'11"	3607 mm	11'11"	
6	Height to Top of Warning Beacon	3871 mm	12'9"	3871 mm	12'9"	
7	Ground Clearance	424 mm	1'4"	424 mm	1'4"	
8	Center Line of Rear Axle to Edge of Counterweight	2290 mm	7'7"	2458 mm	8'1"	
9	Center Line of Rear Axle to Hitch	1775 mm	5'10"	1775 mm	5'10"	
10	Wheelbase	3550 mm	11'8"	3550 mm	11'8"	
11	Overall Length (without bucket)	7399 mm	24'4"	8069 mm	26'6"	
12	Shipping Length (with bucket level on ground)*†	8851 mm	29'1"	9521 mm	31'3"	
13	Hinge Pin Height at Carry Height	635 mm	2'0"	782 mm	2'6"	
14	Hinge Pin Height at Maximum Lift	4245 mm	13'11"	4804 mm	15'9"	
15	Lift Arm Clearance at Maximum Lift	3687 mm	12'1"	4183 mm	13'8"	
16	Dump Clearance at Maximum Lift and 45° Discharge*†	3001 mm	9'10"	3560 mm	11'8"	
17	Reach at Maximum Lift and 45° Discharge*†	1350 mm	4'5"	1326 mm	4'4"	
18	Dump Angle at Maximum Lift and Dump (on stops)*	49 deg	rees	48 degrees		
19	Rack Back at Maximum Lift*	62 deg	rees	71 deg	rees	
20	Rack Back at Carry Height*	50 deg	rees	49 deg	rees	
21	Rack Back at Ground*	39 deg	rees	37 deg	rees	
22	Clearance Circle (dia) to Counterweight	13 588 mm	44'7"	13 608 mm	44'8"	
23	Clearance Circle (dia) to Outside of Tires	13 621 mm	44'9"	13 621 mm	44'9"	
24	Clearance Circle (dia) to Inside of Tires	7598 mm	25'0"	7598 mm	25'0"	
25	Width over Tires (unloaded)	2978 mm	9'10"	2978 mm	9'10"	
	Width over Tires (loaded)	3012 mm	9'11"	3012 mm	9'11"	
26	Tread Width	2230 mm	7'3"	2230 mm	7'3"	
23 24 25	Clearance Circle (dia) to Outside of Tires Clearance Circle (dia) to Inside of Tires Width over Tires (unloaded) Width over Tires (loaded)	13 621 mm 7598 mm 2978 mm 3012 mm	44'9" 25'0" 9'10" 9'11"	13 621 mm           7598 mm           2978 mm           3012 mm	4 2 9	

†Dimensions are listed in Operating Specifications charts.

All height and tire related dimensions are with Bridgestone 26.5R25 VJT L3 radial tires (see Tire Option Chart for other tires). "Width over Tires" dimensions are over the bulge and include growth.

\*All dimensions are approximate and based on machine equipped with 4.2 m<sup>3</sup> (5.5 yd<sup>3</sup>) general purpose bucket with BOCE.

(see Operating Specifications for other buckets)

#### **Tire Options**

Tire Brand	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE
Tire Size	26.5R25	26.5R25	26.5R25	26.5-25	26.5-25	775/65R29
Tread Type	L3	L4	L5	L3	L4	L3
Tread Pattern	VJT	VSNT	VSDL	VL2	RLS	VTS
Casing Strength	*	*	*	20PR	26PR	*
Width over Tires – Maximum (empty)*	2978 mm 9'10"	2960 mm 9'9"	2959 mm 9'9"	2937 mm 9'8"	2942 mm 9'8"	3046 mm 10'0''
Width over Tires – Maximum (loaded)*	3012 mm 9'11"	2991 mm 9'10"	2983 mm 9'10"	2948 mm 9'9"	2960 mm 9'9"	3070 mm 10'1"
Change in Vertical Dimensions		26 mm	43 mm	-4 mm	38 mm	11 mm
(average of front and rear)		1"	1.7"	-0.1"	1.5"	0.4"
Change in Horizontal Reach		-21 mm -0.8"	-26 mm -1"	0 mm 0"	-24 mm -0.9"	-1 mm 0"
Change in Clearance Circle to Outside of Tires		-21 mm -0.8"	-29 mm -1.1"	-63 mm -2.5"	-52 mm -2"	58 mm 2.3"
Change in Clearance Circle to Inside of Tires		21 mm 0.8"	29 mm 1.1"	63 mm 2.5"	52 mm 2"	-58 mm -2.3"
Change in Operating Weight (without Ballast)		460 kg 1,014 lb	972 kg 2,143 lb	-364 kg -803 lb	112 kg 247 lb	692 kg 1,525 lb
Change in Static Tipping Load – Straight		334 kg 735 lb	705 kg 1,554 lb	-264 kg -582 lb	81 kg 179 lb	501 kg 1,106 lb
Change in Static Tipping Load – Articulated		297 kg 654 lb	627 kg 1,382 lb	-235 kg -518 lb	72 kg 159 lb	446 kg 984 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±13 degrees	±13 degrees	±8 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"
Tire Brand	MICHELIN	MICHELIN	MICHELIN	MAXAM	MAXAM	MAXAM
Tire Size	26.5R25	26.5R25	775/65R29	26.5R25	26.5R25	775/65R29
Tread Type	L3	L5	L3	L3	L5	L3
Tread Pattern	XHA2	XLDD2	XHA2	MS302	MS503	MS302
Casing Strength	**	*	*	**	**	**
Casing Strength Width over Tires – Maximum (empty)*	** 2986 mm 9'10"		* 3019 mm 9'11"	** 2972 mm 9'9"	** 2960 mm 9'9"	** 3038 mm 10'0"
	2986 mm	* 2970 mm	3019 mm	2972 mm	2960 mm	3038 mm
Width over Tires – Maximum (empty)*	2986 mm 9'10" 3016 mm	* 2970 mm 9'9" 3005 mm 9'11" 39 mm	3019 mm 9'11" 3049 mm 10'1" 4 mm	2972 mm 9'9" 2947 mm 9'9" 14 mm	2960 mm 9'9" 2986 mm 9'10" 47 mm	3038 mm 10'0" 3063 mm 10'1" 38 mm
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)*	2986 mm 9'10" 3016 mm 9'11"	* 2970 mm 9'9" 3005 mm 9'11"	3019 mm 9'11" 3049 mm 10'1"	2972 mm 9'9" 2947 mm 9'9"	2960 mm 9'9" 2986 mm 9'10"	3038 mm 10'0" 3063 mm 10'1"
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions	2986 mm 9'10" 3016 mm 9'11" -11 mm	* 2970 mm 9'9" 3005 mm 9'11" 39 mm	3019 mm 9'11" 3049 mm 10'1" 4 mm	2972 mm 9'9" 2947 mm 9'9" 14 mm	2960 mm 9'9" 2986 mm 9'10" 47 mm	3038 mm 10'0" 3063 mm 10'1" 38 mm
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear)	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 38 mm 1.5"	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm 0.1" 5 mm	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm -1.2" -7 mm	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 38 mm	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm -0.3" -65 mm	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm -1.1" -26 mm	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm -0.9" 52 mm
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm 0.1" 5 mm 0.2" -5 mm	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm -1.2" -7 mm -0.3" 7 mm	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 38 mm 1.5" -38 mm	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm -0.3" -65 mm -2.6" 65 mm	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm -1.1" -26 mm -1" 26 mm	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm -0.9" 52 mm 2" -52 mm
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm 0.1" 5 mm 0.2" -5 mm -0.2" -164 kg	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm -1.2" -7 mm -0.3" 7 mm 0.3" 552 kg	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 2 mm 0.1" 38 mm 1.5" -38 mm -1.5" 504 kg	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm -0.3" -65 mm -2.6" 65 mm 2.6" -16 kg	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm -1.1" -26 mm -1" 26 mm 1" 692 kg	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm -0.9" 52 mm 2" -52 mm -2" 684 kg
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without Ballast)	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm 0.1" 5 mm 0.2" -5 mm -0.2" -164 kg -362 lb -119 kg	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm -1.2" -7 mm -0.3" 7 mm 0.3" 552 kg 1,217 lb 400 kg	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 2 mm 0.1" 38 mm 1.5" -38 mm -1.5" 504 kg 1,110 lb 365 kg	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm -0.3" -65 mm -2.6" 65 mm 2.6" -16 kg -35 lb -12 kg	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm -1.1" -26 mm -1" 26 mm 1" 692 kg 1,526 lb 502 kg	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm -0.9" 52 mm 2" -52 mm -2" 684 kg 1,507 lb 496 kg
Width over Tires – Maximum (empty)* Width over Tires – Maximum (loaded)* Change in Vertical Dimensions (average of front and rear) Change in Horizontal Reach Change in Clearance Circle to Outside of Tires Change in Clearance Circle to Inside of Tires Change in Operating Weight (without Ballast) Change in Static Tipping Load – Straight	2986 mm 9'10" 3016 mm 9'11" -11 mm -0.4" 3 mm 0.1" 5 mm 0.2" -5 mm -0.2" -5 mm -0.2" -164 kg -362 lb -119 kg -262 lb -106 kg	* 2970 mm 9'9" 3005 mm 9'11" 39 mm 1.5" -31 mm -1.2" -7 mm -0.3" 7 mm 0.3" 552 kg 1,217 lb 400 kg 882 lb 356 kg	3019 mm 9'11" 3049 mm 10'1" 4 mm 0.1" 2 mm 0.1" 38 mm 1.5" -38 mm -1.5" 504 kg 1,110 lb 365 kg 805 lb 325 kg	2972 mm 9'9" 2947 mm 9'9" 14 mm 0.5" -7 mm -0.3" -65 mm -2.6" 65 mm 2.6" -16 kg -35 lb -12 kg -26 lb -10 kg	2960 mm 9'9" 2986 mm 9'10" 47 mm 1.9" -28 mm -1.1" -26 mm -1" 26 mm 1" 692 kg 1,526 lb 502 kg 1,106 lb 446 kg	3038 mm 10'0" 3063 mm 10'1" 38 mm 1.5" -23 mm -0.9" 52 mm 2" -52 mm 2" -52 mm -2" 684 kg 1,507 lb 496 kg 1,093 lb 441 kg

\*Width over tire bulge and includes tire growth.

## **Tire Options**

Tire Brand	TRIANGLE	TRIANGLE	GOODYEAR	GOODYEAR	GOODYEAR
Tire Size	26.5R25	26.5-25	26.5R25	26.5R25	26.5R25
Tread Type	L3	L3	L3	L4	L5
Tread Pattern	TB516	TL612	RT3B	GP4D	RT5D
Casing Strength	**	20PR	**	**	**
Width over Tires – Maximum (empty)*	2969 mm	2948 mm	2979 mm	2985 mm	2982 mm
	9'9"	9'9"	9'10"	9'10"	9'10"
Width over Tires – Maximum (loaded)*	2991 mm	2958 mm	2994 mm	3033 mm	3013 mm
	9'10"	9'9"	9'10"	10'0"	9'11"
Change in Vertical Dimensions	14 mm	17 mm	20 mm	5 mm	41 mm
(average of front and rear)	0.5"	0.7"	0.8"	0.2"	1.6"
Change in Horizontal Reach	-6 mm	-2 mm	-2 mm	-5 mm	-26 mm
	-0.2"	-0.1"	-0.1"	-0.2"	-1"
Change in Clearance Circle to Outside of Tires	-21 mm	-54 mm	-17 mm	22 mm	1 mm
	-0.8"	-2.1"	-0.7"	0.8"	0"
Change in Clearance Circle to Inside of Tires	21 mm	54 mm	17 mm	-22 mm	-1 mm
	0.8"	2.1"	0.7"	-0.8"	0"
Change in Operating Weight (without Ballast)	-64 kg	-372 kg	276 kg	272 kg	988 kg
	-141 lb	-820 lb	609 lb	600 lb	2,179 lb
Change in Static Tipping Load – Straight	-46 kg	-270 kg	200 kg	197 kg	716 kg
	-102 lb	-595 lb	441 lb	435 lb	1,579 lb
Change in Static Tipping Load – Articulated	-41 kg	-240 kg	178 kg	175 kg	637 kg
	-91 lb	-529 lb	393 lb	387 lb	1,405 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±13 degrees	±13 degrees	$\pm 8$ degrees
Maximum Single-wheel Rise and Fall	502 mm	502 mm	502 mm	502 mm	310 mm
	1'8"	1'8"	1'8"	1'8"	1'1"

Tire Brand	GOODYEAR	GOODYEAR	BRAWLER HPS SMOOTH	BRAWLER HPS TRACTION
Tire Size	26.5R25	775/65R29	26.5R25	26.5R25
Tread Type	L5	L4	N/A	N/A
Tread Pattern	RL5K	GP4D	Smooth	Traction
Casing Strength	**	**	N/A	N/A
Width over Tires – Maximum (empty)*	3046 mm	3072 mm	2959 mm	2959 mm
	10'0"	10'1"	9'9"	9'9"
Width over Tires – Maximum (loaded)*	3171 mm	3118 mm	2968 mm	2968 mm
	10'5"	10'3"	9'9"	9'9"
Change in Vertical Dimensions	45 mm	13 mm	37 mm	34 mm
(average of front and rear)	1.8"	0.5"	1.5"	1.3"
Change in Horizontal Reach	-23 mm	-6 mm	11 mm	11 mm
	-0.9"	-0.2"	0.4"	0.4"
Change in Clearance Circle to Outside of Tires	160 mm	107 mm	-44 mm	-44 mm
	6.3"	4.2"	-1.7"	-1.7"
Change in Clearance Circle to Inside of Tires	-160 mm	-107 mm	44 mm	44 mm
	-6.3"	-4.2"	1.7"	1.7"
Change in Operating Weight (without Ballast)	896 kg	720 kg	4300 kg	4076 kg
	1,976 lb	1,587 lb	9,482 lb	8,988 lb
Change in Static Tipping Load – Straight	650 kg	522 kg	3118 kg	2955 kg
	1,432 lb	1,150 lb	6,874 lb	6,516 lb
Change in Static Tipping Load – Articulated	578 kg	464 kg	2774 kg	2629 kg
	1,274 lb	1,023 lb	6,116 lb	5,797 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±8 degrees	±8 degrees
Maximum Single-wheel Rise and Fall *Width over tire bulge and includes tire growth.	310 mm	310 mm	310 mm	310 mm
	1'1"	1'1"	1'1"	1'1"

\*Width over tire bulge and includes tire growth.

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	Material Density
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Μ	ateria	al Density	kg/m³	80	)0	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
			3.8 m³ (5.00 yd³)										4	.4 m³ (5.7	5 yd³)			3.8	 3 m³ (5.00	yd³)
			4.0 m <sup>3</sup> (5.25 yd <sup>3</sup> )									4	.6 m³ (6	.00 yd³)			4.0	m³ (5.25	yd³)	
	Pin-On	General Purpose	4.2 m³ (5.50 yd³)									4.8 m³ (6.	25 yd³)			4.2 m	<sup> </sup> 1 <sup>3</sup> (5.50 y 	'd³)		
	Pin	& Flat Floor	4.4 m³ (5.75 yd³)							5.	1 m³ (6	5.50 yd³)	1		4.4 m	י 1 <sup>3</sup> (5.75 y	′d³)			
e			4.6 m <sup>3</sup> (6.00 yd <sup>3</sup> )							5.3 m <sup>3</sup> (	7.00 ya	d3)		4.6	6.00 (6.00	) yd³)				
Standard Linkage			4.8 m <sup>3</sup> (6.25 yd <sup>3</sup> )						5.5	m <sup>3</sup> (7.25	yd³)			4.8 m <sup>3</sup> (6.	25 yd³)					
Standar			3.8 m <sup>3</sup> (5.00 yd <sup>3</sup> )										4.4 m <sup>3</sup>	(5.75 yd³)			3	8.8 m <sup>3</sup> (5.0	00 yd <sup>3</sup> )	
		General	4.0 m <sup>3</sup> (5.25 yd <sup>3</sup> )									4.6 m <sup>3</sup>	  6.00 yd 	3)		4.	) m³ (5.2	25 yd³)		
	Hook-On	Purpose & Flat Floor	4.2 m <sup>3</sup> (5.50 yd <sup>3</sup> )								4.8 m <sup>3</sup>	(6.25 yd <sup>3</sup>	)		4.2	m³ (5.50	yd³)			
	Hoo		4.4 m³ (5.75 yd³)							5.1	m <sup>3</sup> (6.5	0 yd <sup>3</sup> )	ļ	4.4	m <sup>3</sup> (5.75 '	yd³)				
			4.6 m <sup>3</sup> (6.00 yd <sup>3</sup> )						5.	.3 m³ (7.0	0 yd³)			4.6 m <sup>3</sup> (	6.00 yd³)					
Μ	ateria	al Density	lb/yd <sup>3</sup>	1,3	48	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876
	115		Fill Factor 05% 100% 95%																	

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	<b>Material Density</b>
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

M	ateria	al Density	kg/m³	12	00 13	00 1	400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700
			2.8 m³ (3.75 yd³)								 3.2 r 	 n³ (4.25 y 	yd³)					 2.7 m³ (3. 	 .50 yd³) 	
Linkage	Pin-On	Rock Spade	3.2 m³ (4.25 yd³)						3.7 m³ (	 4.75 yd³) 		1			 3.0 m³ (4. 	 .00 yd³) 				
Standard Lin	Pir	**	3.4 m <sup>3</sup> (4.50 yd <sup>3</sup> )				3.9	 m³ (5.0	)0 yd³)			Ľ.	4.	 2 m³ (5.50 	yd³)					
Star			4.0 m <sup>3</sup> (5.25 yd <sup>3</sup> )		4.4 n	 1 <sup>3</sup> (5.75   	yd³)				3.6 m	 1 <sup>3</sup> (4.75 y 	d³)							
	Hook-On	Rock	3.4 m <sup>3</sup> (4.50 yd <sup>3</sup> )			;	 3.9 m³ 	(5.00 y	d³)				 3.2 m <sup>3</sup> 	 (4.25 yd³) 						
M	ateria	al Density	lb/yd <sup>3</sup>	2,0	22 2,1	91 2,	359	2,528	2,696	2,865	3,033	3,202	3,37	0 3,539	3,707	3,876	4,044	4,214	4,382	4,551
	115		Fill Factor 05% 100% 95%																	

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	Material Density
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Μ	ateria	al Density	kg/m³	300	) 40	0 50	0 60	0 70	00 80	)0 9	00 100	00 11	100 12	200	1300	1400
	Pin-On	Coal	7.1 m³ (9.25 yd³)						8.2 n	1 <sup>3</sup> (10.75 ус	3)	7.1	 m³ (9.25 yd 	3)		
	Hook-On	Coal	6.7 m³ (8.75 yd³)						7	.7 m³ (10.00	) yd³)		6.7 m <sup>3</sup> (8.	 75 yd³) 		
			7.6 m³ (10.00 yd³)					8.7 m³ (1	1.50 yd³)		7.6 m³ (10.0	0 yd³)				
Standard Linkage	Pin-On	High Dump	9.2 m³ (12.00 yd³)			 10.6 r 	n³ (13.75 yc	<sup>13</sup> )	9.2 m³ (	12.00 yd <sup>3</sup> )						
Standard			11.1 m³ (14.50 yd³)		12.8 m³ (	16.75 yd³)		11.1 m³ (14.	50 yd³)							
			7.6 m³ (10.00 yd³)				8.	7 m³ (11.50	yd³)	7.6	6 m³ (10.00 yc	J3)				
	Hook-On	High Dump	9.2 m³ (12.00 yd³)			10.6 m³ (	13.75 yd³)		9.2 m³ (12.0	10 yd³)						
			11.1 m³ (14.50 yd³)		12.8 m³ (10	6.75 yd³)	11.1	m³ (14.50 y	yd³)							
Μ	ateria	al Density	lb/yd³	506	67	4 84	3 1,0	11 1,1	80 1,3	48 1,	517 1,6	85 1,8	854 2,	022	2,191	2,359
	115		Fill Factor 05% 100% 95%													



The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	<b>Material Density</b>
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

N	ateria	al Density	kg/m³	800	900	1000	1100	1200	1300	1400	1500	1600	) 1700	1800	1900	2000	2100	2200	2300
			3.8 m <sup>3</sup> (5.00 yd <sup>3</sup> )										4.4 m³ (5.7	5 yd³)			3.8	 m³ (5.00 	yd³)
		General	4.0 m³ (5.25 yd³)								4	.6 m³ (6	6.00 yd³)			4.0	 m³ (5.25 י 	yd³)	
	Pin-On	Purpose & Flat Floor	4.2 m <sup>3</sup> (5.50 yd <sup>3</sup> )							4	 .8 m³ (6. 	25 yd³)			4.2 m	 ³ (5.50 y 	d³)		
		11001	4.6 m <sup>3</sup> (6.00 yd <sup>3</sup> )						5.3 m³ (	 7.00 yd <sup>:</sup> 	3)		4.6	 m³ (6.00	 ) yd³) 				
High Lift Linkage			4.8 m <sup>3</sup> (6.25 yd <sup>3</sup> )					5.5 m	³ (7.25 yd	3)		4	.8 m³ (6.25	yd <sup>3</sup> )					
High Lift			3.8 m <sup>3</sup> (5.00 yd <sup>3</sup> )									4.4 m <sup>3</sup>	' 3 (5.75 yd³) 			3	.8 m³ (5.0	)0 yd³) 	
	E	General	4.0 m³ (5.25 yd³)								4.6 m <sup>3</sup>	(6.00 yc	13)		4.(	) m <sup>3</sup> (5.2	5 yd³)		
	Hook-On	Purpose & Flat Floor	4.2 m <sup>3</sup> (5.50 yd <sup>3</sup> )							4.8 m³ (	6.25 yd³	3)		4.2	m³ (5.50	yd³)			
			4.4 m³ (5.75 yd³)						5.1 r	n³ (6.50	yd³)		4.4 r	m <sup>3</sup> (5.75 y	yd³)				
			4.6 m³ (6.00 yd³)					5.	.3 m³ (7.0	0 yd <sup>3</sup> )			4.6 m <sup>3</sup> (	6.00 yd³) 					
N	ateria	al Density	lb/yd³	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	6 2,865	3,033	3,202	3,370	3,539	3,707	3,876
	115		Fill Factor 05% 100% 95%																
(																			

The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	<b>Material Density</b>
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Μ	ateria	al Density	kg/m³	300	) 40	0 50	0 60	0 70	00 80	00 9	00 10	000 1	100 1	200	1300	1400
	Pin-On	Coal	7.1 m³ (9.25 yd³)						8.2 n	 n³ (10.75 yc 	d <sup>3</sup> )	7.1	 m <sup>3</sup> (9.25 yd 	3)		
	Hook-On	Coal	6.7 m³ (8.75 yd³)						7	.7 m³ (10.0	0 yd³)		6.7 m <sup>3</sup> (8.	 75 yd³) 		
			7.6 m³ (10.00 yd³)					8.7 m³ (11	.50 yd³)		 7.6 m³ (10.00	 0 yd³) 				
High Lift Linkage	Pin-On	High Dump	9.2 m³ (12.00 yd³)			10.6	n³ (13.75 yc	13)	9.2 m³ (	 12.00 yd³) 						
High Lift			11.1 m³ (14.50 yd³)		12.8 m³ (	16.75 yd³)		11.1 m³ (14	 .50 yd³) 							
			7.6 m <sup>3</sup> (10.00 yd <sup>3</sup> )				8.	7 m³ (11.50	yd³)	7.6	6 m³ (10.00 y	/d³)				
	Hook-On	High Dump	9.2 m³ (12.00 yd³)			10.6 m <sup>3</sup>	(13.75 yd³)		9.2 m³ (12.0	 )0 yd³) 						
			11.1 m³ (14.50 yd³)		12.8 m <sup>3</sup> (10	6.75 yd³)	11.1	m <sup>3</sup> (14.50	yd³)							
Μ	ateria	al Density	lb/yd³	506	67	4 84	1,0	11 1,1	1,3	348 1,	517 1,6	585 1,	854 2,	022	2,191	2,359
	115		Fill Factor 05% 100% 95%													



The bucket size must be chosen based on the density of the material and on the expected fill factor. The Cat Performance Series Buckets with longer floor, larger bucket opening, increased repository angle, rounded side boards and integrated spill guard demonstrate fill factors significantly higher than previous generation or non-Cat buckets. The actual volume handled by the machine is thus often larger than the rated capacity.

Loose Material		Fill Factor (%)*	<b>Material Density</b>
Earth/Clay		115	1.5-1.7
Sand and Gravel		115	1.5-1.7
Aggregate:	25-76 mm (1 to 3 in)	110	1.6-1.7
	19 mm (0.75 in) and smaller	105	1.8
Rock:	76 mm (3 in) and larger	100	1.6

\*As a % of ISO 7546:1983 rated capacity.

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Μ	ateria	al Density	kg/m³	90	0 1	000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
			4.0 m <sup>3</sup> (5.25 yd <sup>3</sup> )										 4.6 m 	 1 <sup>3</sup> (6.00 y 	d³)			4.0	 m³ (5.25 	yd³)
	Pin-On	General	4.2 m³ (5.50 yd³)									4.8 m³ (	 6.25 yd <sup>3</sup> 	3)			 4.2 m³ ( 	 5.50 yd³ 	)	
kage	Pin	Purpose & Flat Floor	4.4 m³ (5.75 yd³)								5.1 m <sup>3</sup>	(6.50 yd	3)			 4.4 m³ (5 	 i.75 yd³) 			
indler Lin		11001	4.6 m³ (6.00 yd³)							5.3	 m³ (7.00 	yd³)			4.6 m	   <sup>3</sup> (6.00 y 	d³)			
Aggregate Handler Linkage			4.8 m³ (6.25 yd³)						5.	5 m³ (7.2	5 yd³)			4.8 m³ (6	6.25 yd³)					
Aggi	Hook-On		4.0 m³ (5.25 yd³)								4.6 m³ (	6.00 yd³)			4.0	 0 m³ (5.2 	 5 yd³) 			
	Hoo	General Purpose	4.2 m³ (5.50 yd³)							4.8 m <sup>3</sup> (	6.25 yd³)			4.2	m³ (5.50	yd³)				
		& Flat Floor	4.4 m³ (5.75 yd³)						5.1	m <sup>3</sup> (6.50	yd³)		4.4	m <sup>3</sup> (5.75 <sup>-</sup>	yd³)					
			4.6 m³ (6.00 yd³)					5.	3 m³ (7.	00 yd <sup>3</sup> )			4.6 m³ (	6.00 yd³)						
Μ	ateria	al Density	lb/yd <sup>3</sup>	1,5	17 1,	.685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044
	115		Fill Factor 05% 100% 95%																	

Note: All buckets are showing Bolt-On Edges.

#### **Operating Specifications – Buckets**

Linkage		Standard Linkage									
Bucket Type			General Pur	pose – Pin-On							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments						
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00						
	yd <sup>3</sup>	5.00	5.00	5.25	5.25						
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40						
	yd <sup>3</sup>	5.50	5.50	5.75	5.75						
Width	mm	3220	3301	3220	3301						
	ft/in	10'6"	10'9"	10'6"	10'9"						
16† Dump Clearance at Maximum Lift	mm	3077	2901	3068	2892						
and 45° Discharge	ft/in	10'1"	9'6"	10'0"	9'5"						
17 <sup>+</sup> Reach at Maximum Lift and	mm	1289	1422	1296	1427						
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"						
Reach at Level Lift Arm and	mm	2701	2916	2712	2926						
Bucket Level	ft/in	8'10"	9'6"	8'10"	9'7"						
A† Digging Depth	mm	114	114	114	114						
	in	4.5"	4.5"	4.5"	4.5"						
12† Overall Length	mm	8753	9007	8765	9017						
	ft/in	28'9"	29'7"	28'10"	29'7"						
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5787	5787	5898	5898						
Maximum Lift	ft/in	19'0"	19'0"	19'5"	19'5"						
Loader Clearance Circle Radius	mm	7488	7597	7491	7600						
with Bucket at Carry Position	ft/in	24'7"	25'0"	24'7"	25'0"						
Static Tipping Load, Straight	kg	17 116	16 821	17 098	16 861						
(With tire deflection)	lb	37,724	37,074	37,685	37,163						
Static Tipping Load, Straight	kg	18 240	17 927	18 232	17 992						
(No tire deflection)	lb	40,202	39,513	40,185	39,654						
Static Tipping Load,	kg	15 058	14 770	15 037	14 799						
Articulated (With tire deflection)	lb	33,189	32,554	33,142	32,619						
Static Tipping Load, Articulated	kg	16 189	15 884	16 177	15 936						
(No tire deflection)	lb	35,681	35,008	35,656	35,124						
Breakout Force(§)	kN	187	185	185	183						
	lbf	42,167	41,580	41,712	41,134						
Operating Weight*	kg	23 088	23 262	23 140	23 311						
	lb	50,886	51,269	51,001	51,377						

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

†Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage								
Bucket Type			General Pur	pose – Pin-On						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments					
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60					
	yd <sup>3</sup>	5.50	5.50	6.00	6.00					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10					
	yd <sup>3</sup>	6.00	6.00	6.75	6.75					
Width	mm	3220	3301	3264	3301					
	ft/in	10'6"	10'9"	10'8"	10'9"					
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3001	2832	2987	2829					
	ft/in	9'10"	9'3"	9'9"	9'3"					
17† Reach at Maximum Lift and	mm	1350	1487	1361	1497					
45° Discharge	ft/in	4'5"	4'10"	4'5"	4'10"					
Reach at Level Lift Arm and	mm	2800	3015	2818	3024					
Bucket Level	ft/in	9'2"	9'10"	9'2"	9'11"					
A <sup>+</sup> Digging Depth	mm	114	114	114	114					
	in	4.5"	4.5"	4.5"	4.5"					
12† Overall Length	mm	8852	9096	8870	9101					
	ft/in	29'1"	29'11"	29'2"	29'11"					
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5898	5898	6021	6021					
Maximum Lift	ft/in	19'5"	19'5"	19'10"	19'10"					
Loader Clearance Circle Radius	mm	7512	7618	7537	7618					
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'9"	25'0"					
Static Tipping Load, Straight	kg	16 896	16 691	16 885	16 578					
(With tire deflection)	lb	37,239	36,787	37,214	36,538					
Static Tipping Load, Straight	kg	18 022	17 814	18 037	17 724					
(No tire deflection)	lb	39,720	39,262	39,754	39,065					
Static Tipping Load,	kg	14 849	14 643	14 827	14 520					
Articulated (With tire deflection)	lb	32,727	32,275	32,679	32,003					
Static Tipping Load, Articulated	kg	15 981	15 773	15 985	15 673					
(No tire deflection)	lb	35,224	34,764	35,232	34,544					
Breakout Force (§)	kN	173	171	170	167					
	lbf	38,999	38,523	38,302	37,614					
Operating Weight*	kg	23 196	23 341	23 279	23 451					
	lb	51,124	51,443	51,307	51,686					

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage								
Bucket Type			General Purpose -	- Hook-On — Fusion™						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments					
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00					
	yd <sup>3</sup>	5.00	5.00	5.25	5.25					
Capacity - Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40					
	yd <sup>3</sup>	5.50	5.50	5.75	5.75					
Width	mm	3220	3271	3201	3201					
	ft/in	10'6"	10'8"	10'6"	10'6"					
16† Dump Clearance at Maximum Lift	mm	3048	2896	3035	2880					
and 45° Discharge	ft/in	10'0"	9'6"	9'11"	9'5"					
<b>17</b> <sup>+</sup> Reach at Maximum Lift and	mm	1324	1463	1327	1468					
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"					
Reach at Level Lift Arm and	mm	2745	2950	2757	2965					
Bucket Level	ft/in	9'0"	9'8"	9'0"	9'8"					
A† Digging Depth	mm	114	114	84	84					
	in	4.5"	4.5"	3.3"	3.3"					
12† Overall Length	mm	8798	9023	8813	9042					
	ft/in	28'11"	29'8"	28'11"	29'8"					
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5813	5813	5929	5929					
Maximum Lift	ft/in	19'1"	19'1"	19'6"	19'6"					
Loader Clearance Circle Radius	mm	7512	7601	7508	7575					
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'8"	24'11"					
Static Tipping Load, Straight	kg	16 536	16 354	16 488	16 272					
(With tire deflection)	lb	36,446	36,045	36,339	35,865					
Static Tipping Load, Straight	kg	17 637	17 453	17 601	17 383					
(No tire deflection)	lb	38,872	38,466	38,793	38,313					
Static Tipping Load,	kg	14 505	14 322	14 456	14 241					
Articulated (With tire deflection)	lb	31,969	31,567	31,862	31,388					
Static Tipping Load, Articulated	kg	15 613	15 429	15 576	15 359					
(No tire deflection)	lb	34,411	34,005	34,331	33,851					
Breakout Force(§)	kN	180	179	190	188					
	lbf	40,648	40,284	42,726	42,275					
Operating Weight*	kg	23 503	23 641	23 551	23 713					
	lb	51,801	52,105	51,906	52,263					

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

†Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage								
Bucket Type			General Purpose	– Hook-On – Fusion						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments					
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60					
	yd <sup>3</sup>	5.50	5.50	6.00	6.00					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10					
	yd <sup>3</sup>	6.00	6.00	6.75	6.75					
Width	mm	3220	3271	3220	3271					
	ft/in	10'6"	10'8"	10'6"	10'8"					
16† Dump Clearance at Maximum Lift	mm	2970	2816	2957	2803					
and 45° Discharge	ft/in	9'8"	9'2"	9'8"	9'2"					
17† Reach at Maximum Lift and	mm	1395	1533	1398	1535					
45° Discharge	ft/in	4'6"	5'0"	4'7"	5'0"					
Reach at Level Lift Arm and	mm	2855	3059	2865	3070					
Bucket Level	ft/in	9'4"	10'0"	9'4"	10'0"					
A <sup>†</sup> Digging Depth	mm	106	106	113	113					
	in	4.2"	4.2"	4.4"	4.4"					
12† Overall Length	mm	8900	9126	8916	9142					
	ft/in	29'3"	30'0"	29'4"	30'0"					
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5970	5970	6048	6048					
Maximum Lift	ft/in	19'8"	19'8"	19'11"	19'11"					
Loader Clearance Circle Radius	mm	7539	7629	7544	7634					
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'9"	25'1"					
Static Tipping Load, Straight	kg	16 266	16 083	16 391	16 205					
(With tire deflection)	lb	35,851	35,448	36,126	35,716					
Static Tipping Load, Straight	kg	17 366	17 180	17 532	17 344					
(No tire deflection)	lb	38,274	37,866	38,642	38,226					
Static Tipping Load,	kg	14 255	14 072	14 351	14 165					
Articulated (With tire deflection)	lb	31,419	31,015	31,630	31,219					
Static Tipping Load, Articulated	kg	15 362	15 177	15 499	15 310					
(No tire deflection)	lb	33,859	33,451	34,160	33,744					
Breakout Force(§)	kN	166	164	164	163					
	lbf	37,396	37,040	37,021	36,663					
Operating Weight*	kg	23 567	23 705	23 681	23 819					
	lb	51,940	52,244	52,192	52,496					

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage								
Bucket Type			Flat Floo	or – Pin-On						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments					
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40					
	yd <sup>3</sup>	5.50	5.50	5.75	5.75					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80					
	yd <sup>3</sup>	6.00	6.00	6.25	6.25					
Width	mm	3220	3271	3220	3271					
	ft/in	10'6"	10'8"	10'6"	10'8"					
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2959	2797	2931	2768					
	ft/in	9'8"	9'2"	9'7"	9'1"					
17† Reach at Maximum Lift and	mm	1242	1369	1271	1398					
45° Discharge	ft/in	4'0"	4'5"	4'2"	4'7"					
Reach at Level Lift Arm and	mm	2771	2975	2811	3015					
Bucket Level	ft/in	9'1"	9'9"	9'2"	9'10"					
A <sup>†</sup> Digging Depth	mm	114	114	114	114					
	in	4.5"	4.5"	4.5"	4.5"					
12† Overall Length	mm	8823	9048	8863	9088					
	ft/in	29'0"	29'9"	29'1"	29'10"					
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5911	5911	5941	5941					
Maximum Lift	ft/in	19'5"	19'5"	19'6"	19'6"					
Loader Clearance Circle Radius	mm	7504	7589	7514	7599					
with Bucket at Carry Position	ft/in	24'8"	24'11"	24'8"	25'0"					
Static Tipping Load, Straight	kg	16 818	16 635	16 738	16 554					
(With tire deflection)	lb	37,067	36,664	36,891	36,486					
Static Tipping Load, Straight	kg	17 924	17 739	17 850	17 663					
(No tire deflection)	lb	39,504	39,096	39,341	38,931					
Static Tipping Load,	kg	14 785	14 601	14 706	14 522					
Articulated (With tire deflection)	lb	32,586	32,182	32,413	32,008					
Static Tipping Load, Articulated	kg	15 898	15 713	15 825	15 639					
(No tire deflection)	lb	35,039	34,631	34,880	34,469					
Breakout Force (§)	kN	177	175	171	170					
	lbf	39,850	39,488	38,633	38,273					
Operating Weight*	kg	23 193	23 331	23 247	23 385					
1 0 0 0	lb	51,118	51,422	51,235	51,539					

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage								
Bucket Type			Flat Floo	or – Pin-On						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments					
Capacity – Rated	m <sup>3</sup>	4.60	4.60	4.80	4.80					
	yd <sup>3</sup>	6.00	6.00	6.25	6.25					
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.10	5.10	5.30	5.30					
	yd <sup>3</sup>	6.75	6.75	7.00	7.00					
Width	mm	3220	3271	3220	3271					
	ft/in	10'6"	10'8"	10'6"	10'8"					
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2903	2740	2875	2712					
	ft/in	9'6"	8'11"	9'5"	8'10"					
17† Reach at Maximum Lift and	mm	1299	1426	1327	1454					
45° Discharge	ft/in	4'3"	4'8"	4'4"	4'9"					
Reach at Level Lift Arm and	mm	2851	3055	2891	3095					
Bucket Level	ft/in	9'4"	10'0"	9'5"	10'1"					
A <sup>+</sup> Digging Depth	mm	114	114	114	114					
	in	4.5"	4.5"	4.5"	4.5"					
<b>2</b> † Overall Length	mm	8903	9128	8943	9168					
	ft/in	29'3"	30'0"	29'5"	30'1"					
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5992	5992	6033	6033					
Maximum Lift	ft/in	19'8"	19'8"	19'10"	19'10"					
Loader Clearance Circle Radius	mm	7524	7610	7534	7620					
with Bucket at Carry Position	ft/in	24'9"	25'0"	24'9"	25'0"					
Static Tipping Load, Straight	kg	16 676	16 491	16 603	16 417					
(With tire deflection)	lb	36,754	36,347	36,594	36,184					
Static Tipping Load, Straight	kg	17 793	17 606	17 726	17 538					
(No tire deflection)	lb	39,217	38,805	39,070	38,655					
Static Tipping Load,	kg	14 646	14 461	14 575	14 389					
Articulated (With tire deflection)	lb	32,280	31,873	32,124	31,714					
Static Tipping Load, Articulated	kg	15 771	15 584	15 706	15 518					
(No tire deflection)	lb	34,760	34,347	34,616	34,201					
Breakout Force (§)	kN	166	165	162	160					
	lbf	37,495	37,136	36,405	36,047					
Operating Weight*	kg	23 282	23 419	23 328	23 466					
	lb	51,312	51,616	51,413	51,717					

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage							
Bucket Type			Flat Floor – Pin-On – Abrasion	-	Flat Floor – Pin-On – Light Materia				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	4.40	4.60	4.80	6.00				
	yd <sup>3</sup>	5.75	6.00	6.25	7.75				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.80	5.10	5.30	6.60				
	yd <sup>3</sup>	6.25	6.75	7.00	8.75				
Width	mm	3220	3220	3230	3405				
	ft/in	10'6"	10'6"	10'7"	11'2"				
6 <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2932	2903	2875	2753				
	ft/in	9'7"	9'6"	9'5"	9'0"				
<b>7</b> <sup>+</sup> Reach at Maximum Lift and	mm	1269	1299	1320	1428				
45° Discharge	ft/in	4'1"	4'3"	4'3"	4'8"				
Reach at Level Lift Arm and	mm	2809	2851	2886	3048				
Bucket Level	ft/in	9'2"	9'4"	9'5"	10'0"				
A <sup>+</sup> Digging Depth	mm	114	114	119	89				
	in	4.5"	4.5"	4.7"	3.5"				
2 <sup>+</sup> Overall Length	mm	8861	8903	8942	9112				
	ft/in	29'1"	29'3"	29'5"	29'11"				
<b>B</b> † Overall Height with Bucket at	mm	5943	5984	6033	6505				
Maximum Lift	ft/in	19'6"	19'8"	19'10"	21'5"				
Loader Clearance Circle Radius	mm	7513	7524	7539	7675				
with Bucket at Carry Position	ft/in	24'8"	24'9"	24'9"	25'3"				
Static Tipping Load, Straight	kg	16 620	16 569	16 465	15 994				
(With tire deflection)	lb	36,631	36,519	36,290	35,251				
Static Tipping Load, Straight	kg	17 732	17 673	17 587	17 134				
(No tire deflection)	lb	39,082	38,952	38,761	37,763				
Static Tipping Load,	kg	14 587	14 550	14 437	13 975				
Articulated (With tire deflection)	lb	32,150	32,070	31,821	30,800				
Static Tipping Load, Articulated	kg	15 707	15 662	15 566	15 122				
(No tire deflection)	lb	34,618	34,520	34,308	33,329				
Breakout Force (§)	kN	171	166	161	152				
	lbf	38,560	37,473	36,323	34,227				
Operating Weight*	kg	23 375	23 299	23 437	23 762				
r	lb	51,518	51,351	51,655	52,371				

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage							
Bucket Type			Flat Floor – He	ook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments				
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40				
	yd <sup>3</sup>	5.50	5.50	5.75	5.75				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80				
	yd <sup>3</sup>	6.00	6.00	6.25	6.25				
Width	mm	3220	3271	3220	3271				
	ft/in	10'6"	10'8"	10'6"	10'8"				
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2909	2746	2882	2719				
	ft/in	9'6"	9'0"	9'5"	8'11"				
17† Reach at Maximum Lift and	mm	1293	1420	1320	1447				
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"				
Reach at Level Lift Arm and	mm	2842	3047	2881	3085				
Bucket Level	ft/in	9'3"	9'11"	9'5"	10'1"				
A <sup>+</sup> Digging Depth	mm	114	114	114	114				
	in	4.5"	4.5"	4.5"	4.5"				
12† Overall Length	mm	8894	9119	8933	9158				
	ft/in	29'3"	30'0"	29'4"	30'1"				
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5953	5953	5983	5983				
Maximum Lift	ft/in	19'7"	19'7"	19'8"	19'8"				
Loader Clearance Circle Radius	mm	7538	7628	7549	7639				
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'10"	25'1"				
Static Tipping Load, Straight	kg	16 152	15 970	16 077	15 894				
(With tire deflection)	lb	35,600	35,198	35,434	35,031				
Static Tipping Load, Straight	kg	17 244	17 060	17 175	16 989				
(No tire deflection)	lb	38,007	37,600	37,854	37,445				
Static Tipping Load,	kg	14 148	13 966	14 074	13 891				
Articulated (With tire deflection)	lb	31,183	30,781	31,020	30,616				
Static Tipping Load, Articulated	kg	15 248	15 064	15 180	14 995				
(No tire deflection)	lb	33,608	33,201	33,457	33,048				
Breakout Force (§)	kN	167	166	162	161				
(0)	lbf	37,690	37,331	36,614	36,256				
Operating Weight*	kg	23 653	23 790	23 707	23 845				
1 2 0	lb	52,130	52,433	52,249	52,553				

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage							
Bucket Type		Rock, Spac	de – Pin-On	Rock, Spade – Hook-On – Fusion	Iron Ore, Spade Pin-On				
Edge Type		Teeth and Segments	Teeth and Segments	Teeth and Segments	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	3.40	4.00	3.40	3.20				
	yd <sup>3</sup>	4.50	5.25	4.50	4.25				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	4.40	3.70	3.50				
	yd <sup>3</sup>	4.75	5.75	4.75	4.50				
Width	mm	3286	3255	3286	3288				
	ft/in	10'9"	10'8"	10'9"	10'9"				
<b>6</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2990	2757	2970	3164				
	ft/in	9'9"	9'0"	9'8"	10'4"				
<b>7</b> <sup>+</sup> Reach at Maximum Lift and	mm	1538	1660	1577	1354				
45° Discharge	ft/in	5'0"	5'5"	5'2"	4'5"				
Reach at Level Lift Arm and	mm	2947	3211	2991	2696				
Bucket Level	ft/in	9'8"	10'6"	9'9"	8'10"				
A <sup>+</sup> Digging Depth	mm	83	83	75	78				
	in	3.2"	3.2"	2.9"	3"				
12 <sup>+</sup> Overall Length	mm	9021	9269	9057	8744				
	ft/in	29'8"	30'5"	29'9"	28'9"				
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5827	5827	5633	5953				
Maximum Lift	ft/in	19'2"	19'2"	18'6"	19'7"				
Loader Clearance Circle Radius	mm	7597	7647	7624	7529				
with Bucket at Carry Position	ft/in	25'0"	25'2"	25'1"	24'9"				
Static Tipping Load, Straight	kg	17 612	17 090	17 257	17 357				
(With tire deflection)	lb	38,817	37,666	38,036	38,256				
Static Tipping Load, Straight	kg	18 789	18 250	18 441	18 539				
(No tire deflection)	lb	41,412	40,224	40,645	40,861				
Static Tipping Load,	kg	15 464	14 979	15 115	15 201				
Articulated (With tire deflection)	lb	34,084	33,014	33,314	33,503				
Static Tipping Load, Articulated	kg	16 650	16 148	16 306	16 391				
(No tire deflection)	lb	36,696	35,591	35,940	36,125				
Breakout Force (§)	kN	184	151	179	182				
	lbf	41,538	34,117	40,256	41,055				
Operating Weight*	kg	24 488	24 635	24 857	24 872				
	lb	53,971	54,295	54,784	54,817				

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage					
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion				
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges				
Capacity – Rated	m <sup>3</sup>	3.60	3.60				
	yd <sup>3</sup>	4.75	4.75				
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00				
	yd <sup>3</sup>	5.25	5.25				
Width	mm	3677	3677				
	ft/in	12'0"	12'0"				
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2899	2852				
	ft/in	9'6"	9'4"				
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1294	1370				
45° Discharge	ft/in	4'2"	4'5"				
Reach at Level Lift Arm and	mm	2850	2937				
Bucket Level	ft/in	9'4"	9'7"				
A <sup>+</sup> Digging Depth	mm	120	100				
	in	4.7"	3.9"				
12† Overall Length	ft/in         9'4"           mm         120           in         4.7"           mm         8908           ft/in         29'3"           mm         5786	8908	8977				
	ft/in	29'3"	29'6"				
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5786	5855				
Maximum Lift	ft/in	19'0"	19'3"				
Loader Clearance Circle Radius	mm	7722	7832				
with Bucket at Carry Position	ft/in	25'4"	25'9"				
Static Tipping Load, Straight	kg	15 656	13 905				
(With tire deflection)	lb	34,507	30,648				
Static Tipping Load, Straight	kg	16 713	14 780				
(No tire deflection)	lb	36,837	32,576				
Static Tipping Load,	kg	13 708	12 118				
Articulated (With tire deflection)	lb	30,212	26,708				
Static Tipping Load, Articulated	kg	14 775	13 006				
(No tire deflection)	lb	32,564	28,666				
Breakout Force (§)	kN	165	155				
	lbf	37,103	34,916				
Operating Weight*	kg	23 635	24 172				
	lb	52,091	53,274				

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage				Standard	l Linkage		
Bucket Type			High Dump – Pin-On		H	High Dump – ook-On – Fusi	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	7.60	9.20	11.10	7.60	9.20	11.10
	yd <sup>3</sup>	10.00	12.00	14.50	10.00	12.00	14.50
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	8.40	10.10	12.20	8.40	10.10	12.20
	yd <sup>3</sup>	11.00	13.25	16.00	11.00	13.25	16.00
Width	mm	3350	3656	3656	3350	3656	3656
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"	11'11"
6† Dump Clearance at Maximum Height and High	mm	4898	4843	4669	4916	4953	4686
Dump Fully Rolled Out (43°)	ft/in	16'1"	15'9"	15'3"	16'1"	16'3"	15'4"
7† Reach at Maximum Height and High Dump Fully	mm	1665	1723	1907	1676	1778	1916
Rolled Out (43°)	ft/in	5'5"	5'7"	6'3"	5'5"	5'8"	6'3"
Reach at Level Lift Arm and	mm	3525	3605	3825	3545	3625	3845
Bucket Level	ft/in	11'6"	11'9"	12'6"	11'7"	11'10"	12'7"
A <sup>+</sup> Digging Depth	mm	84	84	84	84	84	84
	in	3.3"	3.3"	3.3"	3.3"	3.3"	3.3"
2 <sup>†</sup> Overall Length	mm	9577	9657	9877	9597	9677	9897
	ft/in	31'6"	31'9"	32'5"	31'6"	31'9"	32'6"
<b>B</b> <sup>+</sup> Overall Height at Maximum Height and High Dump	mm	7263	7323	7512	7281	7341	7529
Fully Rolled Out (43°)	ft/in	23'8"	24'0"	24'6"	23'9"	24'1"	24'7"
Loader Clearance Circle Radius	mm	7795	7956	8023	7802	7963	8032
with Bucket at Carry Position	ft/in	25'7"	26'2"	26'4"	25'8"	26'2"	26'5"
Static Tipping Load, Straight	kg	14 725	14 455	14 112	14 279	14 008	13 670
(With tire deflection)	lb	32,454	31,859	31,103	31,471	30,874	30,128
Static Tipping Load, Straight	kg	15 885	15 623	15 302	15 430	15 167	14 850
(No tire deflection)	lb	35,010	34,433	33,725	34,009	33,428	32,729
Static Tipping Load,	kg	12 780	12 513	12 180	12 341	12 074	11 746
Articulated (With tire deflection)	lb	28,167	27,579	26,846	27,201	26,612	25,889
Static Tipping Load, Articulated	kg	13 947	13 688	13 377	13 501	13 240	12 933
(No tire deflection)	lb	30,740	30,170	29,485	29,756	29,182	28,505
Breakout Force (§)	kN	111	106	94	110	104	92
	lbf	25,125	23,825	21,126	24,821	23,539	20,884
Operating Weight*	kg	24 300	24 516	24 723	24 779	24 995	25 202
	lb	53,557	54,033	54,489	54,612	55,089	55,545

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00		
	yd <sup>3</sup>	5.00	5.00	5.25	5.25		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Width	mm	3220	3301	3220	3301		
	ft/in	10'6"	10'9"	10'6"	10'9"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3635	3459	3626	3450		
	ft/in	11'11"	11'4"	11'10"	11'3"		
17† Reach at Maximum Lift and	mm	1265	1397	1272	1403		
45° Discharge	ft/in	4'1"	4'7"	4'2"	4'7"		
Reach at Level Lift Arm and	mm	3105	3320	3117	3330		
Bucket Level	ft/in	10'2"	10'10"	10'2"	10'11"		
A <sup>+</sup> Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
2† Overall Length	mm	9422	9669	9434	9679		
	ft/in	30'11"	31'9"	31'0"	31'10"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6345	6345	6456	6456		
Maximum Lift	ft/in	20'10"	20'10"	21'3"	21'3"		
Loader Clearance Circle Radius	mm	7717	7837	7721	7840		
with Bucket at Carry Position	ft/in	25'4"	25'9"	25'4"	25'9"		
Static Tipping Load, Straight	kg	17 143	16 859	17 126	16 899		
(With tire deflection)	lb	37,784	37,159	37,747	37,247		
Static Tipping Load, Straight	kg	18 183	17 883	18 175	17 944		
(No tire deflection)	lb	40,077	39,415	40,059	39,550		
Static Tipping Load,	kg	14 919	14 643	14 898	14 671		
Articulated (With tire deflection)	lb	32,883	32,273	32,837	32,335		
Static Tipping Load, Articulated	kg	15 984	15 691	15 971	15 740		
(No tire deflection)	lb	35,229	34,584	35,202	34,692		
Breakout Force (§)	kN	172	168	170	166		
	lbf	38,838	37,910	38,411	37,495		
Operating Weight*	kg	24 741	24 915	24 793	24 964		
	lb	54,528	54,911	54,643	55,019		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60		
	yd <sup>3</sup>	5.50	5.50	6.00	6.00		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10		
	yd <sup>3</sup>	6.00	6.00	6.75	6.75		
Width	mm	3220	3301	3264	3300		
	ft/in	10'6"	10'9"	10'8"	10'9"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3559	3390	3545	3387		
	ft/in	11'8"	11'1"	11'7"	11'1"		
17† Reach at Maximum Lift and	mm	1325	1462	1337	1472		
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"		
Reach at Level Lift Arm and	mm	3204	3419	3222	3428		
Bucket Level	ft/in	10'6"	11'2"	10'6"	11'2"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9521	9760	9539	9766		
	ft/in	31'3"	32'1"	31'4"	32'1"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6456	6456	6579	6579		
Maximum Lift	ft/in	21'3"	21'3"	21'8"	21'8"		
Loader Clearance Circle Radius	mm	7747	7862	7772	7863		
with Bucket at Carry Position	ft/in	25'5"	25'10"	25'6"	25'10"		
Static Tipping Load, Straight	kg	16 953	16 757	16 947	16 663		
(With tire deflection)	lb	37,364	36,933	37,352	36,726		
Static Tipping Load, Straight	kg	17 998	17 799	18 017	17 729		
(No tire deflection)	lb	39,668	39,230	39,711	39,075		
Static Tipping Load,	kg	14 737	14 541	14 719	14 435		
Articulated (With tire deflection)	lb	32,480	32,048	32,442	31,816		
Static Tipping Load, Articulated	kg	15 807	15 607	15 813	15 525		
(No tire deflection)	lb	34,838	34,400	34,852	34,217		
Breakout Force (§)	kN	159	156	156	152		
(0)	lbf	35,899	35,188	35,240	34,357		
Operating Weight*	kg	24 849	24 994	24 932	25 104		
-r	lb	54,766	55,085	54,949	55,328		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00		
	yd <sup>3</sup>	5.00	5.00	5.25	5.25		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Width	mm	3220	3271	3201	3201		
	ft/in	10'6"	10'8"	10'6"	10'6"		
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3606	3454	3594	3439		
	ft/in	11'10"	11'4"	11'9"	11'3"		
17† Reach at Maximum Lift and	mm	1299	1439	1302	1444		
45° Discharge	ft/in	4'3"	4'8"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	3149	3354	3161	3369		
Bucket Level	ft/in	10'4"	11'0"	10'4"	11'0"		
A <sup>†</sup> Digging Depth	mm	89	89	59	59		
	in	3.5"	3.5"	2.3"	2.3"		
<b>12</b> † Overall Length	mm	9467	9688	9481	9706		
	ft/in	31'1"	31'10"	31'2"	31'11"		
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6371	6371	6488	6488		
Maximum Lift	ft/in	20'11"	20'11"	21'4"	21'4"		
Loader Clearance Circle Radius	mm	7746	7845	7743	7820		
with Bucket at Carry Position	ft/in	25'5"	25'9"	25'5"	25'8"		
Static Tipping Load, Straight	kg	16 588	16 413	16 552	16 346		
(With tire deflection)	lb	36,561	36,176	36,481	36,026		
Static Tipping Load, Straight	kg	17 609	17 432	17 586	17 377		
(No tire deflection)	lb	38,812	38,422	38,761	38,300		
Static Tipping Load,	kg	14 388	14 213	14 350	14 143		
Articulated (With tire deflection)	lb	31,712	31,326	31,628	31,173		
Static Tipping Load, Articulated	kg	15 434	15 257	15 409	15 200		
(No tire deflection)	lb	34,017	33,627	33,962	33,500		
Breakout Force (§)	kN	166	164	174	171		
	lbf	37,426	36,887	39,256	38,619		
Operating Weight*	kg	25 156	25 294	25 203	25 365		
	lb	55,443	55,746	55,548	55,905		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60		
	yd <sup>3</sup>	5.50	5.50	6.00	6.00		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10		
	yd <sup>3</sup>	6.00	6.00	6.75	6.75		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3528	3374	3515	3361		
	ft/in	11'6"	11'0"	11'6"	11'0"		
17† Reach at Maximum Lift and	mm	1371	1508	1373	1511		
45° Discharge	ft/in	4'5"	4'11"	4'6"	4'11"		
Reach at Level Lift Arm and	mm	3259	3464	3269	3474		
Bucket Level	ft/in	10'8"	11'4"	10'8"	11'4"		
A† Digging Depth	mm	81	81	88	88		
	in	3.2"	3.2"	3.4"	3.4"		
<b>2</b> † Overall Length	mm	9571	9792	9586	9807		
	ft/in	31'5"	32'2"	31'6"	32'3"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6528	6528	6606	6606		
Maximum Lift	ft/in	21'5"	21'5"	21'9"	21'9"		
Loader Clearance Circle Radius	mm	7778	7877	7784	7883		
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'7"	25'11"		
Static Tipping Load, Straight	kg	16 368	16 192	16 472	16 294		
(With tire deflection)	lb	36,075	35,689	36,306	35,913		
Static Tipping Load, Straight	kg	17 395	17 217	17 535	17 354		
(No tire deflection)	lb	38,339	37,947	38,647	38,249		
Static Tipping Load,	kg	14 184	14 008	14 260	14 081		
Articulated (With tire deflection)	lb	31,261	30,874	31,429	31,036		
Static Tipping Load, Articulated	kg	15 235	15 057	15 346	15 165		
(No tire deflection)	lb	33,579	33,187	33,822	33,424		
Breakout Force (§)	kN	153	151	151	149		
	lbf	34,463	33,942	34,066	33,546		
Operating Weight*	kg	25 219	25 357	25 333	25 471		
	lb	55,582	55,886	55,834	56,138		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		Flat Floor – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80		
	yd <sup>3</sup>	6.00	6.00	6.25	6.25		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3518	3355	3489	3327		
	ft/in	11'6"	11'0"	11'5"	10'10"		
17† Reach at Maximum Lift and	mm	1218	1345	1246	1373		
45° Discharge	ft/in	3'11"	4'4"	4'1"	4'6"		
Reach at Level Lift Arm and	mm	3175	3380	3215	3420		
Bucket Level	ft/in	10'5"	11'1"	10'6"	11'2"		
A <sup>+</sup> Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
2† Overall Length	mm	9492	9714	9532	9754		
	ft/in	31'2"	31'11"	31'4"	32'0"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6469	6469	6500	6500		
Maximum Lift	ft/in	21'3"	21'3"	21'4"	21'4"		
Loader Clearance Circle Radius	mm	7737	7831	7749	7843		
with Bucket at Carry Position	ft/in	25'5"	25'9"	25'6"	25'9"		
Static Tipping Load, Straight	kg	16 878	16 703	16 810	16 634		
(With tire deflection)	lb	37,200	36,813	37,050	36,662		
Static Tipping Load, Straight	kg	17 906	17 728	17 845	17 666		
(No tire deflection)	lb	39,465	39,074	39,331	38,937		
Static Tipping Load,	kg	14 676	14 500	14 609	14 432		
Articulated (With tire deflection)	lb	32,346	31,959	32,198	31,809		
Static Tipping Load, Articulated	kg	15 729	15 551	15 668	15 489		
(No tire deflection)	lb	34,666	34,275	34,533	34,139		
Breakout Force (§)	kN	163	160	158	155		
	lbf	36,686	36,151	35,557	35,028		
Operating Weight*	kg	24 846	24 984	24 899	25 037		
	lb	54,760	55,064	54,877	55,181		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage							
Bucket Type		Flat Floor – Pin-On						
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments			
Capacity – Rated	m <sup>3</sup>	4.60	4.60	4.80	4.80			
	yd <sup>3</sup>	6.00	6.00	6.25	6.25			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.10	5.10	5.30	5.30			
	yd <sup>3</sup>	6.75	6.75	7.00	7.00			
Width	mm	3220	3271	3220	3271			
	ft/in	10'6"	10'8"	10'6"	10'8"			
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3461	3298	3433	3270			
	ft/in	11'4"	10'9"	11'3"	10'8"			
17† Reach at Maximum Lift and	mm	1274	1401	1303	1430			
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"			
Reach at Level Lift Arm and	mm	3255	3460	3295	3500			
Bucket Level	ft/in	10'8"	11'4"	10'9"	11'5"			
A† Digging Depth	mm	89	89	89	89			
	in	3.5"	3.5"	3.5"	3.5"			
12† Overall Length	mm	9572	9794	9612	9834			
	ft/in	31'5"	32'2"	31'7"	32'4"			
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6550	6550	6591	6591			
Maximum Lift	ft/in	21'6"	21'6"	21'8"	21'8"			
Loader Clearance Circle Radius	mm	7761	7856	7773	7868			
with Bucket at Carry Position	ft/in	25'6"	25'10"	25'6"	25'10"			
Static Tipping Load, Straight	kg	16 760	16 583	16 699	16 521			
(With tire deflection)	lb	36,940	36,550	36,806	36,414			
Static Tipping Load, Straight	kg	17 802	17 623	17 748	17 568			
(No tire deflection)	lb	39,236	38,841	39,118	38,720			
Static Tipping Load,	kg	14 559	14 382	14 499	14 321			
Articulated (With tire deflection)	lb	32,089	31,698	31,956	31,564			
Static Tipping Load, Articulated	kg	15 626	15 446	15 572	15 392			
(No tire deflection)	lb	34,439	34,044	34,322	33,924			
Breakout Force (§)	kN	153	151	149	146			
(07	lbf	34,502	33,979	33,489	32,973			
Operating Weight*	kg	24 934	25 072	24 980	25 118			
r	lb	54,954	55,258	55,055	55,359			

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		High Lift Linkage					
Bucket Type		Flat Floor – Pin-On – Abrasion			Flat Floor – Pin-On – Light Materia		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m <sup>3</sup>	4.40	4.60	4.80	6.00		
	yd <sup>3</sup>	5.75	6.00	6.25	7.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.80	5.10	5.30	6.60		
	yd <sup>3</sup>	6.25	6.75	7.00	8.75		
Width	mm	3220	3220	3230	3405		
	ft/in	10'6"	10'6"	10'7"	11'2"		
6 <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3491	3461	3433	3311		
	ft/in	11'5"	11'4"	11'3"	10'10"		
7 <sup>+</sup> Reach at Maximum Lift and	mm	1245	1274	1296	1403		
45° Discharge	ft/in	4'1"	4'2"	4'3"	4'7"		
Reach at Level Lift Arm and	mm	3213	3255	3290	3452		
Bucket Level	ft/in	10'6"	10'8"	10'9"	11'3"		
A <sup>+</sup> Digging Depth	mm	89	89	94	64		
	in	3.5"	3.5"	3.7"	2.5"		
2 <sup>+</sup> Overall Length	mm	9530	9572	9610	9779		
	ft/in	31'4"	31'5"	31'7"	32'1"		
<b>B</b> † Overall Height with Bucket at	mm	6501	6550	6591	7063		
Maximum Lift	ft/in	21'4"	21'6"	21'8"	23'3"		
Loader Clearance Circle Radius	mm	7748	7761	7778	7919		
with Bucket at Carry Position	ft/in	25'6"	25'6"	25'7"	26'0"		
Static Tipping Load, Straight	kg	16 691	16 612	16 566	16 147		
(With tire deflection)	lb	36,787	36,613	36,512	35,590		
Static Tipping Load, Straight	kg	17 725	17 652	17 612	17 217		
(No tire deflection)	lb	39,066	38,905	38,818	37,948		
Static Tipping Load,	kg	14 488	14 411	14 366	13 951		
Articulated (With tire deflection)	lb	31,931	31,762	31,662	30,748		
Static Tipping Load, Articulated	kg	15 547	15 475	15 437	15 045		
(No tire deflection)	lb	34,266	34,108	34,023	33,159		
Breakout Force(§)	kN	157	152	148	139		
~~~	lbf	35,479	34,361	33,366	31,322		
Operating Weight*	kg	25 028	25 080	25 090	25 415		
	lb	55,160	55,275	55,297	56,013		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage						
Bucket Type		Flat Floor – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80		
	yd <sup>3</sup>	6.00	6.00	6.25	6.25		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3467	3304	3440	3277		
	ft/in	11'4"	10'10"	11'3"	10'9"		
17† Reach at Maximum Lift and	mm	1268	1395	1296	1423		
45° Discharge	ft/in	4'1"	4'6"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	3246	3451	3285	3490		
Bucket Level	ft/in	10'7"	11'3"	10'9"	11'5"		
A† Digging Depth	mm	89	89	89	89		
	in	3.5"	3.5"	3.5"	3.5"		
12† Overall Length	mm	9563	9785	9602	9824		
	ft/in	31'5"	32'2"	31'7"	32'3"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6511	6511	6541	6541		
Maximum Lift	ft/in	21'5"	21'5"	21'6"	21'6"		
Loader Clearance Circle Radius	mm	7777	7876	7789	7889		
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'7"	25'11"		
Static Tipping Load, Straight	kg	16 256	16 081	16 191	16 016		
(With tire deflection)	lb	35,829	35,443	35,687	35,299		
Static Tipping Load, Straight	kg	17 276	17 099	17 218	17 040		
(No tire deflection)	lb	38,078	37,687	37,950	37,557		
Static Tipping Load,	kg	14 079	13 904	14 014	13 838		
Articulated (With tire deflection)	lb	31,030	30,644	30,888	30,500		
Static Tipping Load, Articulated	kg	15 124	14 947	15 066	14 888		
(No tire deflection)	lb	33,334	32,943	33,206	32,813		
Breakout Force (§)	kN	154	152	149	147		
	lbf	34,679	34,155	33,680	33,162		
Operating Weight*	kg	25 305	25 443	25 359	25 497		
1	lb	55,771	56,075	55,891	56,195		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		High Lift Linkage						
Bucket Type		Rock, Spade – Pin-On		Rock, Spade – Hook-On – Fusion	Iron Ore, Spade - Pin-On			
Edge Type		Teeth and Segments	Teeth and Segments	Teeth and Segments	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	3.40	4.00	3.40	3.20			
	yd <sup>3</sup>	4.50	5.25	4.50	4.25			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.70	4.40	3.70	3.50			
	yd <sup>3</sup>	4.75	5.75	4.75	4.50			
Width	mm	3252	3255	3286	3288			
	ft/in	10'8"	10'8"	10'9"	10'9"			
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3565	3316	3529	3722			
	ft/in	11'8"	10'10"	11'6"	12'2"			
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1522	1636	1553	1329			
45° Discharge	ft/in	4'11"	5'4"	5'1"	4'4"			
Reach at Level Lift Arm and	mm	3348	3615	3395	3100			
Bucket Level	ft/in	10'11"	11'10"	11'1"	10'2"			
A <sup>+</sup> Digging Depth	mm	62	58	50	53			
	in	2.4"	2.3"	1.9"	2.1"			
<b>2</b> <sup>+</sup> Overall Length	mm	9674	9942	9729	9419			
	ft/in	31'9"	32'8"	31'11"	30'11"			
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6385	6385	6191	6511			
Maximum Lift	ft/in	21'0"	21'0"	20'4"	21'5"			
Loader Clearance Circle Radius	mm	7816	7902	7872	7760			
with Bucket at Carry Position	ft/in	25'8"	26'0"	25'10"	25'6"			
Static Tipping Load, Straight	kg	17 472	17 068	17 165	17 233			
(With tire deflection)	lb	38,509	37,618	37,831	37,981			
Static Tipping Load, Straight	kg	18 541	18 138	18 245	18 307			
(No tire deflection)	lb	40,865	39,976	40,212	40,348			
Static Tipping Load,	kg	15 183	14 799	14 868	14 926			
Articulated (With tire deflection)	lb	33,465	32,619	32,771	32,897			
Static Tipping Load, Articulated	kg	16 279	15 896	15 976	16 027			
(No tire deflection)	lb	35,880	35,036	35,211	35,323			
Breakout Force (§)	kN	171	140	165	169			
	lbf	38,561	31,506	37,141	38,047			
Operating Weight*	kg	26 122	26 287	26 509	26 524			
	lb	57,573	57,937	58,426	58,459			

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		High Lift Linkage				
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	3.60	3.60			
	yd <sup>3</sup>	4.75	4.75			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00			
	yd <sup>3</sup>	5.25	5.25			
Width	mm	3677	3677			
	ft/in	12'0"	12'0"			
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3457	3410			
	ft/in	11'4"	11'2"			
17† Reach at Maximum Lift and	mm	1270	1345			
45° Discharge	ft/in	4'2"	4'4"			
Reach at Level Lift Arm and	mm	3255	3341			
Bucket Level	ft/in	10'8"	10'11"			
A <sup>†</sup> Digging Depth	mm	95	75			
	in	3.7"	2.9"			
12 <sup>+</sup> Overall Length	mm	9576	9649			
	ft/in	31'5"	31'8"			
B <sup>†</sup> Overall Height with Bucket at	mm	6344	6413			
Maximum Lift	ft/in	20'10"	21'1"			
Loader Clearance Circle Radius	mm	7268	8075			
with Bucket at Carry Position	ft/in	23'11"	26'6"			
Static Tipping Load, Straight	kg	15 851	14 208			
(With tire deflection)	lb	34,937	31,315			
Static Tipping Load, Straight	kg	16 854	15 056			
(No tire deflection)	lb	37,146	33,184			
Static Tipping Load,	kg	13 723	12 235			
Articulated (With tire deflection)	lb	30,246	26,966			
Static Tipping Load, Articulated	kg	14 751	13 109			
(No tire deflection)	lb	32,511	28,894			
Breakout Force (§)	kN	151	161			
	lbf	34,069	36,329			
Operating Weight*	kg	25 287	25 824			
	lb	55,733	56,916			

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\* Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		High Lift Linkage							
Bucket Type			High Dump – Pin-On			High Dump – ook-On – Fusi			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-Or Cutting Edges		
Capacity – Rated	m <sup>3</sup>	7.60	9.20	11.10	7.60	9.20	11.10		
	yd <sup>3</sup>	10.00	12.00	14.50	10.00	12.00	14.50		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	8.40	10.10	12.20	8.40	10.10	12.20		
	yd <sup>3</sup>	11.00	13.25	16.00	11.00	13.25	16.00		
Width	mm	3350	3656	3656	3350	3656	3656		
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"	11'11"		
6† Dump Clearance at Maximum Height and High	mm	5662	5618	5478	5682	5736	5496		
Dump Fully Rolled Out (34°)	ft/in	18'6"	18'4"	17'10"	18'6"	18'8"	18'0"		
<b>7</b> <sup>+</sup> Reach at Maximum Height and High Dump Fully	mm	1511	1577	1789	1519	1613	1795		
Rolled Out (34°)	ft/in	4'10"	5'2"	5'9"	4'10"	5'3"	5'9"		
Reach at Level Lift Arm and	mm	3929	4009	4229	3949	4029	4249		
Bucket Level	ft/in	12'10"	13'1"	13'10"	12'11"	13'2"	13'11'		
A <sup>+</sup> Digging Depth	mm	59	59	59	59	59	59		
	in	2.3"	2.3"	2.3"	2.3"	2.3"	2.3"		
2 <sup>+</sup> Overall Length	mm	10 246	10 326	10 546	10 266	10 346	10 566		
	ft/in	33'8"	33'11"	34'8"	33'9"	34'0"	34'8"		
<b>B</b> † Overall Height at Maximum Height and High Dump	mm	7948	8008	8197	7967	8027	8216		
Fully Rolled Out (34°)	ft/in	26'1"	26'3"	26'9"	26'1"	26'3"	26'10"		
Loader Clearance Circle Radius	mm	8062	8223	8300	8071	8232	8310		
with Bucket at Carry Position	ft/in	26'6"	27'0"	27'3"	26'6"	27'1"	27'4"		
Static Tipping Load, Straight	kg	15 081	14 833	14 546	14 628	14 379	14 095		
(With tire deflection)	lb	33,239	32,693	32,061	32,240	31,691	31,067		
Static Tipping Load, Straight	kg	16 200	15 961	15 704	15 735	15 495	15 239		
(No tire deflection)	lb	35,705	35,180	34,612	34,681	34,151	33,588		
Static Tipping Load,	kg	12 939	12 692	12 410	12 492	12 245	11 966		
Articulated (With tire deflection)	lb	28,518	27,974	27,352	27,534	26,988	26,373		
Static Tipping Load, Articulated	kg	14 080	13 843	13 589	13 623	13 383	13 131		
(No tire deflection)	lb	31,034	30,510	29,950	30,025	29,497	28,941		
Breakout Force (§)	kN	102	96	85	100	95	84		
	lbf	22,962	21,744	19,238	22,679	21,477	19,012		
Operating Weight*	kg	25 953	26 169	26 376	26 431	26 647	26 854		
	lb	57,199	57,675	58,131	58,254	58,730	59,187		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*\*Rock bucket specifications are given on Bridgestone 26.5R25 VSDL L5 radial tires.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage			Aggregate H	andler Linkage		
Bucket Type	General Purpose – Pin-On					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments	
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00	
	yd <sup>3</sup>	5.00	5.00	5.25	5.25	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40	
	yd <sup>3</sup>	5.50	5.50	5.75	5.75	
Width	mm	3220	3301	3220	3301	
	ft/in	10'6"	10'9"	10'6"	10'9"	
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3077	2901	3068	2892	
	ft/in	10'1"	9'6"	10'0"	9'5"	
17† Reach at Maximum Lift and	mm	1289	1422	1296	1427	
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"	
Reach at Level Lift Arm and	mm	2701	2916	2712	2926	
Bucket Level	ft/in	8'10"	9'6"	8'10"	9'7"	
A† Digging Depth	mm	114	114	114	114	
	in	4.5"	4.5"	4.5"	4.5"	
12† Overall Length	mm	8919	9173	8931	9184	
	ft/in	29'4"	30'2"	29'4"	30'2"	
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5787	5787	5898	5898	
Maximum Lift	ft/in	19'0"	19'0"	19'5"	19'5"	
Loader Clearance Circle Radius	mm	7488	7597	7491	7600	
with Bucket at Carry Position	ft/in	24'7"	25'0"	24'7"	25'0"	
Static Tipping Load, Straight	kg	18 678	18 379	18 662	18 426	
(With tire deflection)	lb	41,167	40,509	41,133	40,612	
Static Tipping Load, Straight	kg	19 935	19 616	19 930	19 690	
(No tire deflection)	lb	43,938	43,235	43,927	43,398	
Static Tipping Load,	kg	16 378	16 086	16 358	16 121	
Articulated (With tire deflection)	lb	36,097	35,455	36,054	35,531	
Static Tipping Load, Articulated	kg	17 647	17 337	17 638	17 397	
(No tire deflection)	lb	38,895	38,210	38,875	38,344	
Breakout Force (§)	kN	187	185	185	183	
	lbf	42,167	41,580	41,712	41,134	
Operating Weight*	kg	23 739	23 913	23 791	23 962	
	lb	52,321	52,704	52,435	52,812	

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	Aggregate Handler Linkage General Purpose – Pin-On				
Bucket Type					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60
	yd <sup>3</sup>	5.50	5.50	6.00	6.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10
	yd <sup>3</sup>	6.00	6.00	6.75	6.75
Width	mm	3220	3301	3264	3301
	ft/in	10'6"	10'9"	10'8"	10'9"
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3001	2832	2987	2829
	ft/in	9'10"	9'3"	9'9"	9'3"
17† Reach at Maximum Lift and	mm	1350	1487	1361	1497
45° Discharge	ft/in	4'5"	4'10"	4'5"	4'10"
Reach at Level Lift Arm and	mm	2800	3015	2818	3024
Bucket Level	ft/in	9'2"	9'10"	9'2"	9'11"
A <sup>†</sup> Digging Depth	mm	114	114	114	114
	in	4.5"	4.5"	4.5"	4.5"
12† Overall Length	mm	9018	9262	9037	9267
	ft/in	29'8"	30'5"	29'8"	30'5"
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5898	5898	6021	6021
Maximum Lift	ft/in	19'5"	19'5"	19'10"	19'10"
Loader Clearance Circle Radius	mm	7512	7618	7537	7618
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'9"	25'0"
Static Tipping Load, Straight	kg	18 449	18 244	18 444	18 136
(With tire deflection)	lb	40,661	40,211	40,651	39,972
Static Tipping Load, Straight	kg	19 708	19 500	19 733	19 419
(No tire deflection)	lb	43,436	42,979	43,491	42,801
Static Tipping Load,	kg	16 160	15 955	16 143	15 836
Articulated (With tire deflection)	lb	35,617	35,165	35,579	34,903
Static Tipping Load, Articulated	kg	17 432	17 224	17 444	17 131
(No tire deflection)	lb	38,420	37,961	38,447	37,758
Breakout Force (§)	kN	173	171	170	167
	lbf	38,999	38,523	38,302	37,614
Operating Weight*	kg	23 847	23 992	23 930	24 102
	lb	52,559	52,878	52,741	53,120

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.
Linkage			Aggregate H	andler Linkage			
Bucket Type		General Purpose – Hook-On – Fusion					
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	3.80	3.80	4.00	4.00		
	yd <sup>3</sup>	5.00	5.00	5.25	5.25		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Width	mm	3220	3271	3201	3201		
	ft/in	10'6"	10'8"	10'6"	10'6"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	3048	2896	3035	2880		
	ft/in	10'0"	9'6"	9'11"	9'5"		
17† Reach at Maximum Lift and	mm	1324	1463	1327	1468		
45° Discharge	ft/in	4'4"	4'9"	4'4"	4'9"		
Reach at Level Lift Arm and	mm	2745	2950	2757	2965		
Bucket Level	ft/in	9'0"	9'8"	9'0"	9'8"		
A† Digging Depth	mm	114	114	84	84		
	in	4.5"	4.5"	3.3"	3.3"		
12† Overall Length	mm	8964	9189	8979	9208		
	ft/in	29'5"	30'2"	29'6"	30'3"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5813	5813	5929	5929		
Maximum Lift	ft/in	19'1"	19'1"	19'6"	19'6"		
Loader Clearance Circle Radius	mm	7512	7601	7508	7575		
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'8"	24'11"		
Static Tipping Load, Straight	kg	18 079	17 897	18 029	17 814		
(With tire deflection)	lb	39,846	39,445	39,736	39,262		
Static Tipping Load, Straight	kg	19 309	19 125	19 274	19 056		
(No tire deflection)	lb	42,559	42,153	42,480	41,999		
Static Tipping Load,	kg	15 807	15 625	15 757	15 542		
Articulated (With tire deflection)	lb	34,840	34,438	34,730	34,256		
Static Tipping Load, Articulated	kg	17 052	16 867	17 015	16 798		
(No tire deflection)	lb	37,582	37,176	37,503	37,023		
Breakout Force (§)	kN	180	179	190	188		
	lbf	40,648	40,284	42,726	42,275		
Operating Weight*	kg	24 154	24 292	24 202	24 364		
	lb	53,235	53,539	53,341	53,698		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage General Purpose – Hook-On – Fusion					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.60	4.60		
	yd <sup>3</sup>	5.50	5.50	6.00	6.00		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	5.10	5.10		
	yd <sup>3</sup>	6.00	6.00	6.75	6.75		
Width	mm	3220	3271	3220	3271		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2970	2816	2957	2803		
	ft/in	9'8"	9'2"	9'8"	9'2"		
17† Reach at Maximum Lift and	mm	1395	1533	1398	1535		
45° Discharge	ft/in	4'6"	5'0"	4'7"	5'0"		
Reach at Level Lift Arm and	mm	2855	3059	2865	3070		
Bucket Level	ft/in	9'4"	10'0"	9'4"	10'0"		
A† Digging Depth	mm	106	106	113	113		
	in	4.2"	4.2"	4.4"	4.4"		
12† Overall Length	mm	9067	9292	9083	9308		
	ft/in	29'9"	30'6"	29'10"	30'7"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5970	5970	6048	6048		
Maximum Lift	ft/in	19'8"	19'8"	19'11"	19'11"		
Loader Clearance Circle Radius	mm	7539	7629	7544	7634		
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'9"	25'1"		
Static Tipping Load, Straight	kg	17 792	17 609	17 935	17 749		
(With tire deflection)	lb	39,214	38,811	39,530	39,120		
Static Tipping Load, Straight	kg	19 021	18 836	19 213	19 024		
(No tire deflection)	lb	41,923	41,515	42,346	41,930		
Static Tipping Load,	kg	15 543	15 360	15 655	15 468		
Articulated (With tire deflection)	lb	34,257	33,854	34,503	34,093		
Static Tipping Load, Articulated	kg	16 786	16 601	16 944	16 756		
(No tire deflection)	lb	36,998	36,590	37,346	36,930		
Breakout Force (§)	kN	166	164	164	163		
	lbf	37,396	37,040	37,021	36,663		
Operating Weight*	kg	24 218	24 355	24 332	24 470		
	lb	53,375	53,679	53,627	53,930		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage Flat Floor – Pin-On					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80		
	yd <sup>3</sup>	6.00	6.00	6.25	6.25		
Width	mm	3220	3271.4	3220	3271.4		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2959	2797	2931	2768		
	ft/in	9'8"	9'2"	9'7"	9'1"		
17† Reach at Maximum Lift and	mm	1242	1369	1271	1398		
45° Discharge	ft/in	4'0"	4'5"	4'2"	4'7"		
Reach at Level Lift Arm and	mm	2771	2975	2811	3015		
Bucket Level	ft/in	9'1"	9'9"	9'2"	9'10"		
A† Digging Depth	mm	114	114	114	114		
	in	4.5"	4.5"	4.5"	4.5"		
12† Overall Length	mm	8989	9215	9029	9255		
	ft/in	29'6"	30'3"	29'8"	30'5"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5911	5911	5941	5941		
Maximum Lift	ft/in	19'5"	19'5"	19'6"	19'6"		
Loader Clearance Circle Radius	mm	7504	7589	7514	7599		
with Bucket at Carry Position	ft/in	24'8"	24'11"	24'8"	25'0"		
Static Tipping Load, Straight	kg	18 362	18 179	18 280	18 096		
(With tire deflection)	lb	40,470	40,067	40,289	39,884		
Static Tipping Load, Straight	kg	19 598	19 413	19 522	19 336		
(No tire deflection)	lb	43,194	42,786	43,028	42,618		
Static Tipping Load,	kg	16 088	15 905	16 008	15 824		
Articulated (With tire deflection)	lb	35,460	35,056	35,282	34,877		
Static Tipping Load, Articulated	kg	17 338	17 153	17 264	17 078		
(No tire deflection)	lb	38,213	37,805	38,051	37,641		
Breakout Force (§)	kN	177	175	171	170		
	lbf	39,850	39,488	38,633	38,273		
Operating Weight*	kg	23 844	23 982	23 898	24 036		
	lb	52,552	52,856	52,670	52,974		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage Flat Floor – Pin-On					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.60	4.60	4.80	4.80		
	yd <sup>3</sup>	6.00	6.00	6.25	6.25		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.10	5.10	5.30	5.30		
	yd <sup>3</sup>	6.75	6.75	7.00	7.00		
Width	mm	3220	3271.4	3220	3271.4		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2903	2740	2875	2712		
	ft/in	9'6"	8'11"	9'5"	8'10"		
17† Reach at Maximum Lift and	mm	1299	1426	1327	1454		
45° Discharge	ft/in	4'3"	4'8"	4'4"	4'9"		
Reach at Level Lift Arm and	mm	2851	3055	2891	3095		
Bucket Level	ft/in	9'4"	10'0"	9'5"	10'1"		
A† Digging Depth	mm	114	114	114	114		
	in	4.5"	4.5"	4.5"	4.5"		
12† Overall Length	mm	9069	9295	9109	9335		
	ft/in	29'10"	30'6"	29'11"	30'8"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5992	5992	6033	6033		
Maximum Lift	ft/in	19'8"	19'8"	19'10"	19'10"		
Loader Clearance Circle Radius	mm	7524	7610	7534	7620		
with Bucket at Carry Position	ft/in	24'9"	25'0"	24'9"	25'0"		
Static Tipping Load, Straight	kg	18 215	18 030	18 140	17 954		
(With tire deflection)	lb	40,147	39,740	39,981	39,572		
Static Tipping Load, Straight	kg	19 465	19 278	19 396	19 208		
(No tire deflection)	lb	42,901	42,488	42,750	42,335		
Static Tipping Load,	kg	15 946	15 761	15 873	15 687		
Articulated (With tire deflection)	lb	35,145	34,737	34,984	34,574		
Static Tipping Load, Articulated	kg	17 209	17 021	17 142	16 954		
(No tire deflection)	lb	37,928	37,516	37,782	37,367		
Breakout Force (§)	kN	166	165	162	160		
	lbf	37,495	37,136	36,405	36,047		
Operating Weight*	kg	23 932	24 070	23 979	24 116		
	lb	52,746	53,050	52,848	53,152		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage					
Bucket Type			Flat Floor – Pin-On – Abrasion	-	Flat Floor – Pin-On – Light Materia		
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges		
Capacity – Rated	m <sup>3</sup>	4.40	4.60	4.80	6.00		
	yd <sup>3</sup>	5.75	6.00	6.25	7.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.80	5.10	5.30	6.60		
	yd <sup>3</sup>	6.25	6.75	7.00	8.75		
Width	mm	3220	3220	3230	3405		
	ft/in	10'6"	10'6"	10'7"	11'2"		
6 <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2932	2903	2875	2753		
	ft/in	9'7"	9'6"	9'5"	9'0"		
<b>7</b> <sup>+</sup> Reach at Maximum Lift and	mm	1269	1299	1320	1428		
45° Discharge	ft/in	4'1"	4'3"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	2809	2851	2886	3048		
Bucket Level	ft/in	9'2"	9'4"	9'5"	10'0"		
A <sup>+</sup> Digging Depth	mm	114	114	119	89		
	in	4.5"	4.5"	4.7"	3.5"		
2 <sup>+</sup> Overall Length	mm	9028	9069	9108	9278		
· _	ft/in	29'8"	29'10"	29'11"	30'6"		
<b>B</b> † Overall Height with Bucket at	mm	5943	5992	6033	6505		
Maximum Lift	ft/in	19'6"	19'8"	19'10"	21'5"		
Loader Clearance Circle Radius	mm	7513	7524	7539	7675		
with Bucket at Carry Position	ft/in	24'8"	24'9"	24'9"	25'3"		
Static Tipping Load, Straight	kg	18 163	18 067	18 002	17 521		
(With tire deflection)	lb	40,031	39,819	39,678	38,616		
Static Tipping Load, Straight	kg	19 406	19 315	19 256	18 796		
(No tire deflection)	lb	42,772	42,571	42,441	41,428		
Static Tipping Load,	kg	15 890	15 797	15 735	15 263		
Articulated (With tire deflection)	lb	35,021	34,817	34,680	33,639		
Static Tipping Load, Articulated	kg	17 147	17 059	17 002	16 552		
(No tire deflection)	lb	37,792	37,598	37,474	36,481		
Breakout Force (§)	kN	171	166	161	152		
	lbf	38,560	37,355	36,323	34,227		
Operating Weight*	kg	24 026	24 078	24 088	24 413		
1 0 0 0	lb	52,953	53,067	53,089	53,806		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage Flat Floor – Hook-On – Fusion					
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Bolt-On Cutting Edges	Teeth and Segments		
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.40	4.40		
	yd <sup>3</sup>	5.50	5.50	5.75	5.75		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.80	4.80		
	yd <sup>3</sup>	6.00	6.00	6.25	6.25		
Width	mm	3220	3271.4	3220	3271.4		
	ft/in	10'6"	10'8"	10'6"	10'8"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2909	2746	2882	2719		
	ft/in	9'6"	9'0"	9'5"	8'11"		
17† Reach at Maximum Lift and	mm	1293	1420	1320	1447		
45° Discharge	ft/in	4'2"	4'7"	4'3"	4'8"		
Reach at Level Lift Arm and	mm	2842	3047	2881	3085		
Bucket Level	ft/in	9'3"	9'11"	9'5"	10'1"		
A <sup>+</sup> Digging Depth	mm	114	114	114	114		
	in	4.5"	4.5"	4.5"	4.5"		
<b>2</b> † Overall Length	mm	9061	9286	9099	9325		
	ft/in	29'9"	30'6"	29'11"	30'8"		
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5953	5953	5983	5983		
Maximum Lift	ft/in	19'7"	19'7"	19'8"	19'8"		
Loader Clearance Circle Radius	mm	7538	7628	7549	7639		
with Bucket at Carry Position	ft/in	24'9"	25'1"	24'10"	25'1"		
Static Tipping Load, Straight	kg	17 673	17 490	17 596	17 412		
(With tire deflection)	lb	38,951	38,549	38,781	38,377		
Static Tipping Load, Straight	kg	18 893	18 709	18 823	18 638		
(No tire deflection)	lb	41,642	41,235	41,486	41,078		
Static Tipping Load,	kg	15 432	15 249	15 356	15 173		
Articulated (With tire deflection)	lb	34,012	33,610	33,846	33,441		
Static Tipping Load, Articulated	kg	16 667	16 483	16 598	16 412		
(No tire deflection)	lb	36,735	36,328	36,582	36,174		
Breakout Force (§)	kN	167	166	162	161		
(0)	lbf	37,690	37,331	36,614	36,256		
Operating Weight*	kg	24 303	24 441	24 358	24 496		
-r	lb	53,564	53,868	53,684	53,988		

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Aggregate Handler Linkage				
Bucket Type		Side Dump – Pin-On	Side Dump – Hook-On – Fusion			
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges			
Capacity – Rated	m <sup>3</sup>	3.63	3.63			
	yd <sup>3</sup>	4.75	4.75			
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.00	4.00			
	yd <sup>3</sup>	5.25	5.25			
Width	mm	3677	3677			
	ft/in	12'0"	12'0"			
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift and 45° Discharge	mm	2899	2852			
	ft/in	9'6"	9'4"			
17† Reach at Maximum Lift and	mm	1294	1370			
45° Discharge	ft/in	4'2"	4'5"			
Reach at Level Lift Arm and	mm	2850	2937			
Bucket Level	ft/in	9'4"	9'7"			
A† Digging Depth	mm	120	100			
	in	4.7"	3.9"			
12† Overall Length	mm	9074	9144			
	ft/in	29'10"	30'0"			
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5786	5855			
Maximum Lift	ft/in	19'0"	19'3"			
Loader Clearance Circle Radius	mm	7722	7832			
with Bucket at Carry Position	ft/in	25'4"	25'9"			
Static Tipping Load, Straight	kg	17 133	15 268			
(With tire deflection)	lb	37,763	33,651			
Static Tipping Load, Straight	kg	18 315	16 247			
(No tire deflection)	lb	40,368	35,808			
Static Tipping Load,	kg	14 955	13 269			
Articulated (With tire deflection)	lb	32,960	29,245			
Static Tipping Load, Articulated	kg	16 153	14 267			
(No tire deflection)	lb	35,602	31,446			
Breakout Force (§)	kN	165	155			
	lbf	37,103	34,916			
Operating Weight*	kg	24 286	24 823			
	lb	53,525	54,709			

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	Aggregate Handler Linkage						
Bucket Type			High Dump – Pin-On			)ump – – Fusion	
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	
Capacity – Rated	m <sup>3</sup>	7.60	9.20	11.10	7.60	9.20	
	yd <sup>3</sup>	10.00	12.00	14.50	10.00	12.00	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	8.40	10.10	12.20	8.40	10.10	
	yd <sup>3</sup>	11.00	13.25	16.00	11.00	13.25	
Width	mm	3350	3656	3656	3350	3656	
	ft/in	10'11"	11'11"	11'11"	10'11"	11'11"	
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Height and High	mm	4898	4843	4669	4916	4953	
Dump Fully Rolled Out (43°)	ft/in	16'1"	15'9"	15'3"	16'1"	16'3"	
17† Reach at Maximum Height and High Dump Fully	mm	1723	1723	1907	1676	1778	
Rolled Out (43°)	ft/in	5'7"	5'7"	6'3"	5'5"	5'8"	
Reach at Level Lift Arm and	mm	3525	3605	3825	3545	3625	
Bucket Level	ft/in	11'6"	11'9"	12'6"	11'7"	11'10"	
A† Digging Depth	mm	84	84	84	84	84	
	in	3.3"	3.3"	3.3"	3.3"	3.3"	
12† Overall Length	mm	9743	9823	10043	9763	9843	
	ft/in	32'0"	32'3"	33'0"	32'1"	32'4"	
<b>B</b> <sup>†</sup> Overall Height at Maximum Height and High Dump	mm	7263	7323	7512	7281	7341	
Fully Rolled Out (43°)	ft/in	23'8"	24'0"	24'6"	23'9"	24'1"	
Loader Clearance Circle Radius	mm	7795	7956	8023	7802	7963	
with Bucket at Carry Position	ft/in	25'7"	26'2"	26'4"	25'8"	26'2"	
Static Tipping Load, Straight	kg	16 185	15 911	15 556	15 734	15 458	
(With tire deflection)	lb	35,673	35,069	34,286	34,677	34,071	
Static Tipping Load, Straight	kg	17 486	17 221	16 892	17 025	16 758	
(No tire deflection)	lb	38,539	37,956	37,230	37,524	36,936	
Static Tipping Load,	kg	14 009	13 739	13 395	13 566	13 295	
Articulated (With tire deflection)	lb	30,877	30,281	29,523	29,901	29,303	
Static Tipping Load, Articulated	kg	15 325	15 063	14 745	14 872	14 610	
(No tire deflection)	lb	33,776	33,200	32,499	32,779	32,200	
Breakout Force(§)	kN	111	106	94	110	104	
	lbf	25,125	23,825	21,126	24,821	23,539	
Operating Weight*	kg	24 951	25 167	25 374	25 430	25 646	
	lb	54,992	55,468	55,924	56,047	56,523	

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, counterweight, ride control, cold start, roading fenders, Product Link<sup>™</sup>, manual diff lock/open axles (front and rear), powertrain guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

\*\*Aggregate Handler configuration is not compatible with rock buckets, and high lift.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in	30.0 12382
	Static Tipping Load - Straight (Forks Level)	kg Ibs	27289
	Static Tipping Load - Articulated (Forks Level)	kg	10976
		lbs	24192 5488
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	12096
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6586
		lbs	14515
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	8656 19078
3	Maximum Overall Length	mm	9359
		in	368.5
4	Reach with Forks at Ground Level	mm in	1126 44.3
		mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
		in mm	66.7 826
7	Reach with Fork at Maximum Height	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
		in	73.4 3949
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
		in	186.0
11	Clearance at Full Lift and Max Dump	mm in	2652 104.4
12	Max Discharge Angle from Horizontal	deg	43
-12	Max Discharge Angle nom Honzontar		-
13	Overall Carriage Width	mm in	2217 87.3
4.4	Overall Carriage Height	mm	840
14		in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
		mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
		in mm	5.9 65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	6300
		lbs	13885
	Operating Weight	kg Ibs	22225 48983
		100	10000



\*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Height (in)

Hinge (B) Pin

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (lbs) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	11799
	orano ripping zoda "orangin (i onto zoron)	lbs	26004
	Static Tipping Load - Articulated (Forks Level)	kg	10454
		lbs kg	23042 5227
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11521
		kg	6273
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13825
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618
	Rated Load (CEIN EN 474-3 FIIII and Level Ground - 80 % F131E)	lbs	16790
3	Maximum Overall Length	mm	9665
		in	380.5
4	Reach with Forks at Ground Level	mm	1126
		in mm	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
		mm	1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
7	Reach with Fork at Maximum Height	mm	826
	Reach with Fork at Maximum Height	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
		in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
		in mm	155.5 4724
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	186.0
		mm	2444
11	Clearance at Full Lift and Max Dump	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
12	Max Discharge Angle Hom Honzoman	uey	-
13	Overall Carriage Width	mm	2217
		in	87.3
14	Overall Carriage Height	mm	840
		in mm	33.1 2070
15	Outside Tine Width (max spread)	in	81.5
		mm	470
16	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm	150.0
		in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	5246 11562
		kg	22272
	Operating Weight	lbs	49087
		103	



\*Negative values indicate below grade

-Payload (SAE J1197) Payload (CEN EN 474-3 - Bouch Terrain 1 (CEN EN 474-3 - Firm & Level) Static Tipping Load - Artic -Static Tinning Load - Straight -d-Hydraulic Tilt Cap + Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

Hinge (B) Pin Height (in)

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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# Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

### **Fork Specifications**

--Payload (SAE J1197)

Pavload (CEN EN 474-3 - Rough Terrain 1 (CEN EN 474-3 - Firm & Lo

Load - Straigh

aulic Tilt Capacity -----Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

### Fork Specifications

1	Tine Length	mm in	1829 72.0
•		mm	915
2	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	11532
	Static Tipping Load - Straight (Forks Level)	lbs	25416
	Static Tipping Load - Articulated (Forks Level)	kg	10184
	11 5	lbs	22445
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5092 11222
		kg	6110
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13467
	Detail and (OEN EN 474 & Firm and Lavel Oracinal (00%) ETOTI )	kg	7807
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17206
3	Maximum Overall Length	mm	9615
<u> </u>		in	378.5
4	Reach with Forks at Ground Level	mm	1077
		in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
		in mm	-3.4 1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
_		mm	818
7	Reach with Fork at Maximum Height	in	32.2
•	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
8	Ground to Top of The with Arms Honzontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
<u> </u>		in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
-	5 (1 5 5 )	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2359
		in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	oronali oantago maan	in	99.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
		mm	576
16	Outside Tine Width (min spread)	in	22.7
	Time Mildle (simple time)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	14800
		lbs	32619
	Operating Weight	kg Ibs	22661 49944



### Capacity (kg) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

-Payload (SAE J1197)

---- Payload (CEN EN 474-3 - Rough Terrain

sing Load - Straigh

Hydraulic Tilt Capacity
 Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or

hydraulic limit. CEN EN 474-3: 80% of full turn static

tipping load on firm and level ground or hydraulic limit.

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### Fork Specifications

	-		
1	Tine Length	mm	2438
	0	in	96.0
2	Load Center	mm in	1219
			48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	23096
		kg	9238
	Static Tipping Load - Articulated (Forks Level)	lbs	20361
		kg	4619
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10181
		kg	5543
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	12217
	Detection of (OEN EN 474.0 Einstein de die over Onevend - 00% ETOTIA)	kg	6207
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	13681
3	Maximum Overall Length	mm	10224
3	Maximum Overall Length	in	402.5
4	Reach with Forks at Ground Level	mm	1077
*	Neach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
5	Cround to Dottom of The at Minimum Height and FOR Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
<u> </u>		in	66.4
7	Reach with Fork at Maximum Height	mm	818
<u> </u>	readin with role at Maximum reight	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
•		in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
-		in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	· · · · · · · · · · · · · · · · · · ·	in	200.5
11	Clearance at Full Lift and Max Dump	mm	1899
	· · · · · · · · · · · · · · · · · · ·	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
		mm	2528
13	Overall Carriage Width	in	2526
		mm	1130
14	Overall Carriage Height	in	44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
	- · · · - · · · · · · · · · · · · · · ·	mm	576
16	Outside Tine Width (min spread)	in	22.7
	<b>T 1</b>	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thislerco	mm	90.0
	Tine Thickness	in	3.5
	<b>T</b> 0 "	kg	11300
	Tine Capacity	lbs	24905
	Operating Weight		24905



### Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	12757
		lbs kg	28117 11191
	Static Tipping Load - Articulated (Forks Level)	lbs	24665
		kg	5596
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12333
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5754
	······································	lbs	12682
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	5754 12682
		mm	10012
3	Maximum Overall Length	in	394.2
4	Reach with Forks at Ground Level	mm	1612
	Reach with Forks at Ground Level	in	63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-141
		in	-5.6
6	Reach with Arms Horizontal and Forks Level	mm in	2098 82.6
		mm	802
7	Reach with Fork at Maximum Height	in	31.6
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
	Ground to Top of The with Anna Honzontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4507
		in mm	177.4 5282
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	208.0
	Oleanna at Full Lift and Mau Duma	mm	3189
11	Clearance at Full Lift and Max Dump	in	125.6
12	Max Discharge Angle from Horizontal	deg	44
13	Overall Carriage Width	mm in	2217 87.3
		mm	840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
-15		in	81.5
16	Outside Tine Width (min spread)	mm	470
		in	18.5 150.0
	Tine Width (single tine)	mm in	5.9
	Tine Thislance	mm	65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	6300
		lbs	13885
	Operating Weight	kg	23877
	· · · ·	lbs	52625



#### \*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN BN 474.3 - Rough Terrain
 Payload (CEN BN 474.3 - Rough Terrain
 Payload (CEN BN 474.3 - Firm & Level)
 Poistaic Tapping Laad - Antoxidate
 Static Tapping Laad - Straight
 -p-Hydraulic Tit Capacity
 Hydraulic Lit Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fulids, Fuel Tank, Coolant, Lubricants, and Operator.

Height (in)

Hinge (B) Pin

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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### (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Genter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	12215 26921
	Static Tipping Load - Articulated (Forks Level)	kg	10710
	State hpping Load - Articulated (Forks Level)	lbs	23605
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5046 11121
	Detect Local (OEN EN 474 2 Device Terreir CON ETCTL)	kg	5046
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	11121
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	5046
	· · · · · · · · · · · · · · · · · · ·	lbs mm	11121 10318
3	Maximum Overall Length	in	406.2
4	Reach with Forks at Ground Level	mm	1612
		in	63.5
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-141 -5.6
6	Reach with Arms Horizontal and Forks Level	mm	2098
	Reach with Affis Holizofiai and Forks Level	in	82.6
7	Reach with Fork at Maximum Height	mm	802
	· · · · · · · · · · · · · · · · · · ·	in mm	31.6 1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4507
		in	<u>177.4</u> 5282
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	208.0
11	Clearance at Full Lift and Max Dump	mm	2977
		in	117.2
12	Max Discharge Angle from Horizontal	deg	44
12	Overall Carriage Width	mm	2217
-13		in	87.3
14	Overall Carriage Height	mm in	840 33.1
		mm	2070
15	Outside Tine Width (max spread)	in	81.5
16	Outside Tine Width (min spread)	mm	470
		in mm	18.5 150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg Ibs	5246 11562
	Operating Weight	kg	23924
		lbs	52729



### \*Negative values indicate below grade

-Payload (SAE J1197) Payload (CEN EN 474-3 - Rough Terrain) d (CEN EN 474-3 - Firm & Level) Static Tipping Load - Artic -Static Tinning Load - Straight -d-Hydraulic Tilt Cap + Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Height (in)

Hinge (B) Pin

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-33: 60% of full turn static tipping load on rough terrain or hydraulic limit hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)

### **Fork Specifications**

--Payload (SAE J1197)

Pavload (CEN EN 474-3 - Rough Terrain 1 (CEN EN 474-3 - Firm & L

Load - Straigh

aulic Tilt Capacity -----Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

### Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915 36.0
	Static Tipping Load - Straight (Forks Level)	kg	11936
	Static Tipping Load - Straight (Forks Lever)	lbs	26307
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	10427 22981
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5214 11491
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	5231 11530
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	5231 11530
3	Maximum Overall Length	mm in	10275 404.5
4	Reach with Forks at Ground Level	mm	1570
-	Reach with Forks at Glound Level	in	61.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-62 -2.4
6	Reach with Arms Horizontal and Forks Level	mm	2090
		in	82.3
7	Reach with Fork at Maximum Height	mm in	793 31.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
		in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4611 181.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5651 222.5
11	Clearance at Full Lift and Max Dump	mm	2895 114.0
12	Max Discharge Angle from Horizontal	deg	50
42	Querell Cerriege Width	mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm in	1130 44.5
45	Outside Time (Midth (menu anno ad)	mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Tine Width (single tine)	mm	180.0 7.1
		in mm	90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg Ibs	14800 32619
		kg	24313
	Operating Weight	lbs	53586
	*Negative values indicate below grade		



### Capacity (kg) (Calculated Load at CG Point)





WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

-Payload (SAE J1197)

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or

hydraulic limit. CEN EN 474-3: 80% of full turn static

----- Pavload (CEN EN 474-3 - Rough Terrain ad (CEN EN 474-3 - Firm & Leve

sing Load - Straigh

### Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	10943 24119
	Static Tipping Load - Articulated (Forks Level)	kg	9543
		lbs ka	21033 4110
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	9059
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	4110 9059
		kg	4110
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	9059
3	Maximum Overall Length	mm	10884
	maximum o rotali zongin	in	428.5
4	Reach with Forks at Ground Level	mm in	1570 61.8
-	to sound to Dettern of Time at Minimum Unight and Fade Local	mm	-62
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.4
6	Reach with Arms Horizontal and Forks Level	mm	2090
		in mm	82.3 793
7	Reach with Fork at Maximum Height	in	31.2
•	One we date Tage of Time with Amore Useria and a family lawy	mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4611
-		in mm	181.5 5651
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	222.5
44	Clearance at Full Lift and Max Dump	mm	2427
		in	95.6
12	Max Discharge Angle from Horizontal	deg	50
13	Overall Carriage Width	mm	2528
		in mm	<u>99.5</u> 1130
14	Overall Carriage Height	in	44.5
4.5	Outside Tine Width (max spread)	mm	2178
15		in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
	Time Mildle (simple time)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in ka	3.5
	Tine Capacity	kg Ibs	11300 24905
	Operating Weight	kg	24903
	Operating Weight	lbs	53861
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

### Capacity (kg) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
_		in	30.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	13477 29703
	Static Tipping Load - Articulated (Forks Level)	kg	11905
		lbs	26238
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5952 13119
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7143
		lbs	15743
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	8656 19078
3	Maximum Overall Length	mm	9526
		in	375.0
4	Reach with Forks at Ground Level	mm in	1126 44.3
-		mm	-166
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
		in mm	66.7 826
7	Reach with Fork at Maximum Height	in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1866
	•	in mm	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	5 (1 5 5 <i>)</i>	in	186.0 2652
11	Clearance at Full Lift and Max Dump	mm in	104.4
12	Max Discharge Angle from Horizontal	deg	43
	max Biosnargo y rigio nom nonzonar		2217
13	Overall Carriage Width	mm in	87.3
14	Overall Carriage Height	mm	840
	overall carnage height	in	33.1
15	Outside Tine Width (max spread)	mm in	2070 81.5
40	Outside Tine Width (min annoad)	mm	470
10	Outside Tine Width (min spread)	in	18.5
	Tine Width (single tine)	mm in	150.0 5.9
	Tine Thislance	mm	65.0
	Tine Thickness	in	2.6
	Tine Capacity	kg	6300
	· ·	lbs kg	13885 22876
	Operating Weight	lbs	50418



\*Negative values indicate below grade

-Payload (SAE J1197) oad (CEN EN 474-3 - Rough Terral (CEN EN 474-3 - Firm & Level) tic Tipping Load - Artic ning Load - Straigt -d-Hydraulic Tilt Ca Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fulids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-33: 60% of full turn static tipping load on rough terrain or hydraulic limit hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

### Fork Specifications

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Load Center	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	12847
		lbs kg	28315 11344
	Static Tipping Load - Articulated (Forks Level)	lbs	25002
		kg	5672
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12501
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6806
		lbs	15001
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7618
		lbs mm	16790 9832
3	Maximum Overall Length	in	387.1
-		mm	1126
4	Reach with Forks at Ground Level	in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
	Croand to Bottom of The at Miniman Height and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
		in	66.7
7	Reach with Fork at Maximum Height	mm in	826 32.5
		mm	1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	3949
9	Ground to Top of The at Maximum Height and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	••••••••••••••••••••••••••••••••••••••	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
	· · · · · · · · · · · · · · · · · · ·	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
40	Quereall Querris and Mildela	mm	2217
13	Overall Carriage Width	in	87.3
14	Overall Carriage Height	mm	840
		in	33.1
15	Outside Tine Width (max spread)	mm	2070
		in mm	81.5 470
16	Outside Tine Width (min spread)	in	18.5
		mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	5246
		lbs	11562
	Operating Weight	kg	22923 50521
		lbs	50521



\*Negative values indicate below grade

-Payload (SAE J1197) Payload (CEN EN 474-3 - Bouch Terrain 1 (CEN EN 474-3 - Firm & Level) Static Tipping Load - Artic -Static Tinning Load - Straight -d-Hydraulic Tilt Cap + Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Height (in)

Hinge (B) Pin

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-33: 60% of full turn static tipping load on rough terrain or hydraulic limit hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization

### Capacity (kg) (Calculated Load at CG Point)



(Calculated Load at CG Point)

### **Fork Specifications**

--Payload (SAE J1197)

Pavload (CEN EN 474-3 - Rough Terrain 1 (CEN EN 474-3 - Firm & Lo

Load - Straight

ulic Tilt Capacity 

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air

Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-3: 60% of full turn static tipping load on rough terrain or

hydraulic limit. CEN EN 474-3: 80% of full turn static

tipping load on firm and level ground or hydraulic limit.

### Fork Specifications

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in ka	36.0 12583
	Static Tipping Load - Straight (Forks Level)	lbs	27733
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	11075 24409
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5537
	· · · · · · · · · · · · · · · · · · ·	lbs kg	12204 6645
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14645
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7807
	· · · ·	lbs mm	17206 9782
3	Maximum Overall Length	in	385.1
4	Reach with Forks at Ground Level	mm	1077
4	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
		in mm	-3.4 1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
	reach mar on at maximum rogin	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1970 77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
9	Glound to Top of Time at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093 200.5
		in mm	2359
11	Clearance at Full Lift and Max Dump	in	92.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
-15		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
45		mm	2178
15	Outside Tine Width (max spread)	in	85.7
16	Outside Tine Width (min spread)	mm	576
		in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	14800 32619
	Operating Weight	kg	23312
		lbs	51379
	*Negative values indicate below grade		



### Capacity (kg) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Fork Specifications**

-Payload (SAE J1197)

- Hydraulic Tilt Capacity 

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or

hydraulic limit. CEN EN 474-3: 80% of full turn static

tipping load on firm and level ground or hydraulic limit.

- Payload (CEN EN 474-3 - Rough Terrain ad (CEN EN 474-3 - Firm & Level

sing Load - Straigh

### Fork Specifications

	-		
1	Tine Length	mm in	2438 96.0
•	Les d'Orates	mm	1219
2	Load Center	in	48.0
	Static Tipping Load - Straight (Forks Level)	kg	11448
		lbs	25232
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	10060 22173
		kg	5030
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11087
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6036
		lbs	13304
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	6207 13681
		mm	10391
3	Maximum Overall Length	in	409.1
4	Reach with Forks at Ground Level	mm	1077
*	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	5	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm in	1685 66.4
-		mm	818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
•	Globing to Top of Thile with Arms Honzontal and Tork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in mm	159.6 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
	Ole server at Full 1 ift and March Dresser	mm	1899
11	Clearance at Full Lift and Max Dump	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
		mm	2528
13	Overall Carriage Width	in	99.5
14	Overall Carriage Height	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7
16	Outside Tine Width (min spread)	in	576 22.7
	Tine Middle (single dine)	mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	11300
		lbs	24905 23437
	Operating Weight	kg	
	Operating weight	lbs	51654



### Capacity (kg) (Calculated Load at CG Point)



Hinge (B) Pin Height (mm)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
Max Lint - Houk Reach (1, 2, 3, 4, 3, 0)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
May 144 - 11 - 14 11 - 14 (7, 0, 0, 40, 44, 40)	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
Level Healt Decek (42, 44, 45, 40, 47, 40)	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 18)		14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Level Llevel Llevel (10)	mm	1,937	1,937	1,937	1,937	1,937	1,937
_evel - Hook Height (19)	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Min Life, Llask Basel (20, 24, 20, 22, 24, 25)	mm	1,720	1,852	1,983	2,114	2,245	2,377
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
M/s 1/6 - 11 - 11 11 - 14 (00, 07, 00, 00, 00, 04)	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Otatia Tinning Land Otasiaht	kg	7,689	7,275	6,902	6,564	6,258	5,977
Static Tipping Load, Straight	lb	16,947	16,033	15,211	14,468	13,792	13,174
Out The local and Advantaged	kg	6,830	6,461	6,129	5,829	5,556	5,306
Static Tipping Load, Articulated	lb	15,053	14,240	13,509	12,847	12,245	11,695
On an all a Wellaha	kg	21,986	21,986	21,986	21,986	21,986	21,986
Operating Weight	lb	48,456	48,456	48,456	48,456	48,456	48,456



### Payload Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, AIC Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

--Retracted

Extension 1
Extension 2

Extension 3
 Extension 4

-Extended

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers

### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
	mm	1,273	1,336	1,399	1,462	1,525	1,589
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	ft, in	4' 2"	4' 4"	4' 7"	4' 9"	5' 0"	5' 2"
fax Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,975	8,273	8,572	8,870	9,168	9,466
viax Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	26' 1"	27' 1"	28' 1"	29' 1"	30' 0"	31' 0"
aval Haak Baash (12, 14, 15, 16, 17, 19)	mm	4,957	5,262	5,567	5,871	6,176	6,481
Level - Hook Reach (13, 14, 15, 16, 17, 18)		16' 3"	17' 3"	18' 3"	19' 3"	20' 3"	21' 3"
evel (Jesk Usiekt (10)	mm	1,937	1,937	1,937	1,937	1,937	1,937
.evel - Hook Height (19)	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	mm	(413)	(529)	(645)	(761)	(877)	(993
viin Liit - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	-1' 7"	-1' 3"	-2' 10"	-2' 6"	-2' 1"	-3' 8"
	mm	(2,737)	(3,019)	(3,301)	(3,583)	(3,864)	(4,146
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-8' 0"	-9' 1"	-10' 2"	-11' 2"	-12' 3"	-13' 4'
Datis Tinning Land Chryinkt	kg	8,280	7,864	7,487	7,143	6,829	6,541
Static Tipping Load, Straight	lb	18,249	17,332	16,500	15,744	15,051	14,416
Static Tipping Load, Articulated	kg	7,283	6,917	6,584	6,282	6,005	5,751
Static Tipping Load, Anticulated		16,053	15,244	14,512	13,845	13,235	12,675
De enertie e Walielet	kg	23,638	23,638	23,638	23,638	23,638	23,638
Operating Weight	lb	52,098	52,098	52,098	52,098	52,098	52,098



### Payload Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant,

-Retracted

Extension 1
 Extension 2

Extension 3
 Extension 4

-Extended

Lubricants, and Operator. Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers

### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
Max Lift - Hook Reacti (1, 2, 3, 4, 5, 6)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Liit - Hook Height (7, 6, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 18)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
	mm	1,937	1,937	1,937	1,937	1,937	1,937
.evel - Hook Height (19)	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
	mm	1,720	1,852	1,983	2,114	2,245	2,377
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246)
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Otatia Tinning Land Otasiaht	kg	8,375	7,925	7,519	7,153	6,819	6,515
Static Tipping Load, Straight	lb	18,459	17,466	16,573	15,764	15,029	14,358
	kg	7,415	7,016	6,656	6,331	6,035	5,765
Static Tipping Load, Articulated		16,343	15,463	14,670	13,953	13,301	12,706
	kg	22,637	22,637	22,637	22,637	22,637	22,637
Operating Weight	lb	49,891	49,891	49,891	49,891	49,891	49,891



### Payload Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

- Retracted

Extension 1 Extension 2

Extension 3
 Extension 4

Extended

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers

### **Standard and Optional Equipment**

Standard and optional equipment may vary. Consult your Cat dealer for details.

1

	Standard	Optional
OPERATOR ENVIRONMENT		
Cab, pressurized, sound suppression	$\checkmark$	
Door, remote opening system		$\checkmark$
EH implement controls, parking brake	$\checkmark$	
Footrest		$\checkmark$
HMU steering wheel		$\checkmark$
Steering, joystick	$\checkmark$	
Implement joystick (2V, 3V only)		✓
Entertainment radio (FM, AM, USB, BT)		✓
Entertainment radio (DAB+)		✓
CB radio ready		✓
Seat belt, monitored	✓	
Seat, cloth, air suspension	✓	
Seat, suede/cloth, air suspension, heated		√
Seat, leather/cloth, air suspension, heated/ cooled		√
Touchscreen display	✓	
Keypad, programmable buttons	✓	
Mirrors, heated		$\checkmark$
Air conditioner, heater, defroster (auto temp, fan)	√	
Sun visor, front, retractable	✓	
Sun visor, rear, retractable	✓	
Windows, front, laminated	✓	
Windows, front, heavy duty		✓
Full cab window guard		✓
ON-BOARD TECHNOLOGIES		
Autodig with Auto Set Tires	✓	
Operator ID & machine security	$\checkmark$	
Application Profiles	$\checkmark$	
Job Aids	$\checkmark$	
Controls Help and eOMM*	$\checkmark$	
Cat Payload scale	$\checkmark$	
Cat Advanced Payload		✓
Cat Payload for Trade****		✓
Cat Payload Printer with E-ticket		✓
Key Features Inform	✓	
Bucket Carry Display Widget	✓	
Remote Flash	$\checkmark$	

	Standard	Optional
HYDRAULICS		
Implement system, load sensing with variable displacement piston pump	$\checkmark$	
Steering system, load sensing with dedicated variable displacement piston pump	√	
Ride control, dual accumulators	$\checkmark$	
3 <sup>rd</sup> and 4 <sup>th</sup> auxiliary functions with ride control		$\checkmark$
Oil sampling valves, Cat XT <sup>™</sup> hoses	$\checkmark$	
Quick coupler control		$\checkmark$
POWERTRAIN		
Cat C9.3B engine	✓	
Electric fuel priming pump	$\checkmark$	
Fuel-water separator and secondary fuel filter	$\checkmark$	
Engine, air precleaner	$\checkmark$	
Turbine, air precleaner		$\checkmark$
Radiator, high debris		$\checkmark$
Cooling fan, reversible		$\checkmark$
Axles, auto front differential lock	$\checkmark$	
Axles, auto front and rear differential locks		$\checkmark$
Axles, ecology drains, AOC ready, extreme temperature seals		$\checkmark$
Axles, oil cooler		$\checkmark$
Transmission, planetary, automatic power- shift	$\checkmark$	
Torque converter with lock-up	$\checkmark$	
Service brakes, hydraulic, fully enclosed wet disc, wear indicators	$\checkmark$	
Integrated Braking System (IBS)	$\checkmark$	
Park brake, caliper on front axles, spring applied-pressure released	✓	
Brake pedal neutralizer with decel function	$\checkmark$	
ELECTRICAL		
Starting and charging system, 24V	$\checkmark$	
Starter, electric, heavy duty	$\checkmark$	
Cold start, 120V or 240V		$\checkmark$
Lights: halogen, 4 work lights, 2 front roading lights with turn signals, 2 rearview lights	~	
Lights: LED		$\checkmark$
	(continued or	next nage)

\* Not available in all languages

\*\* Standard where mandated

\*\*\* Not Compatible with roading arrangements

\*\*\*\* Japan only

\*\*\*\*\* Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information. (continued on next page)

### **Standard and Optional Equipment** (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional	
MONITORING SYSTEM			SAFETY
Front dash with analog gauges, LCD	$\checkmark$		Cat Detect
display, and warning lights			Dedicated
Primary touchscreen monitor (Cat	$\checkmark$		Visibility:
Payload, quad screens, machine settings & messages)			Multiview
Tire Pressure Monitor		$\checkmark$	Window c
Maintenance Reminders	√		4-Point se
LINKAGE			Reversing
Standard lift, Z-bar	✓		Secondary
High lift, Z-bar		$\checkmark$	Wheel cho
Kickouts: lift and tilt	√		Warning b
ADDITIONAL EQUIPMENT			Collision V
Cat Autolube system		✓	Inhibit and
Fenders, extensions or roading		$\checkmark$	Remote C
Guards: power train, crankcase, cab,		<u> </u>	SPECIAL CO
cylinders, rear			Aggregate
Biodegradable hydraulic oil		$\checkmark$	Waste and
High-speed oil change system		$\checkmark$	Forestry
Rear cab access		$\checkmark$	Tunneling
Toolbox		✓	Corrosion

	Standard	Optional
SAFETY	otunuuru	optional
Cat Detect rear radar system		√
Dedicated rearview screen		✓
Visibility: mirrors, rearview camera	✓	
Multiview (360°) vision system		√
Window cleaning platform, front	✓	
4-Point seat belt retractor		√
Reversing strobe lights***		√
Secondary steering system, electrical**		√
Wheel chocks		$\checkmark$
Warning beacon		√
Collision Warning System with Motion Inhibit and People Detection		$\checkmark$
Remote Control		$\checkmark$
SPECIAL CONFIGURATIONS		
Aggregate handler		$\checkmark$
Waste and industrial		$\checkmark$
Forestry		$\checkmark$
Tunneling****		$\checkmark$
Corrosion resistant		$\checkmark$

\* Not available in all languages

\*\* Standard where mandated

\*\*\* Not Compatible with roading arrangements

\*\*\*\* Japan only

\*\*\*\*\* Available in Europe, Türkiye, Australia, and New Zealand. Country certifications vary. Contact your Cat dealer for more information. The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

For more information on sustainability in action and our progress, please visit https://www.caterpillar.com/en/company/sustainability.html.

### Engine

- The Cat<sup>®</sup> C9.3B engine meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV and Japan 2014 emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels\*\* up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)\*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

- \* Engines with no aftertreatment devices can use higher blends, up to 100% biodiesel.
- \*\* Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.

### **Air Conditioning System**

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg (3.5 lb) of refrigerant, which has a  $CO_2$  equivalent of 2.288 metric tonnes (2.522 tons).

### Paint

- Based on best available knowledge, the maximum allowable concentration, measured in parts per million (PPM), of the following heavy metals in paint are:
- Barium < 0.01%
- Cadmium < 0.01%
- Chromium < 0.01%
- Lead < 0.01%

### **Sound Performance**

Operator Sound Pressure Level (ISO 6396:2008)	70 dB(A)
Exterior Sound Power Level (ISO 6395:2008)	109 dB(A)
Operator Sound Pressure Level (ISO 6396:2008)*	69 dB(A)
Exterior Sound Power Level (ISO 6395:2008)**	108 dB(A)

\*Including countries that adopt the EU and UK Directives \*\*EU Noise Directive 2000/14/EC and UK Noise Regulation 2001 No. 1701

### **Oils and Fluids**

- Caterpillar factory fills with ethylene glycol coolants. Cat Diesel Engine Antifreeze/Coolant (DEAC) and Cat Extended Life Coolant (ELC) can be recycled. Consult your Cat dealer for more information.
- Cat Bio HYDO™ Advanced is an EU Ecolabel approved biodegradable hydraulic oil.
- Additional fluids are likely to be present, please consult the Operations and Maintenance Manual or the Application and Installation guide for complete fluid recommendations and maintenance intervals.

### **Features and Technology**

- The following features and technology may contribute to fuel savings and/or carbon reduction. Features may vary. Consult your Cat dealer for details.
  - Autodig with Auto Set Tires provides consistent high bucket fill factors for up to 10% more productivity
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance
- Automatic engine idle shutdown system reduces idle hours
- Extended maintenance intervals reduce fluid and filter consumption
- Remote Flash and Remote Troubleshoot

### Recycling

• The materials included in machines are categorized as below with approximate weight percentage. Because of variations of product configurations, the following values in the table may vary.

Material Type	Weight Percentage
Steel	68.70%
Iron	14.10%
Nonferrous Metal	2.40%
Mixed Metal	0.27%
Mixed-Metal and Nonmetal	0.38%
Plastic	1.13%
Rubber	7.62%
Mixed Nonmetallic	0.02%
Fluid	1.81%
Other	3.00%
Uncategorized	0.57%
Total	100%

 A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714 (Earthmoving machinery – Recyclability and recoverability – Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

Because of variations of product configurations, the following value in the table may vary.

Recyclability - 98%



# **966** *Waste & Scrap Handler*

The Cat 966 Wheel Loader Waste and Scrap Handler package features guarding and reinforcement necessary for work in transfer stations, recycling depots, scrap yards, and demolition sites.

### **Proven Reliability**

- Cat C9.3B engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump.
- Features an electric fuel priming pump, fuel-water separator, and secondary fuel filter.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

### **Durability**

- Waste and scrap handler package adds additional steel guards all around the machine to protect your investment and keep debris out of the implement valve and engine compartments.
- Heavy-duty steel cable lower steps stand up to the harshest of conditions.
- Heavy-duty transmission and axles designed to handle waste and scrap applications.
- Automatic planetary powershift (4F/4R) transmission features durable, long-lasting components.

### **Superior Fuel Efficiency & Productivity**

- Optional high lift linkage provides additional dump clearance.
- Optional 3rd and 4th valve hydraulics for work tools that require additional functions.
- Optional variable pitch fan and high debris cooling cores keep the cores free from debris.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, power train, and hydraulic systems deliver unmatched productivity and fuel efficiency.

### **Safety Features**

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

### **Reduced Maintenance Time and Costs**

- Extended fluid and filter change intervals reduce maintenance costs by up to 20%.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat App helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.

### Work in Comfort in the All New Cab

- Carbon cab air filter reduces cabin odors.
- Optional powered cabin precleaner filters the incoming air and pressurize the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. An HMU steering wheel is also available.

# 966 Waste & Scrap Handler Specifications

### 966 Waste and Scrap Handler Features

- 1. Optional window guarding to provide impact resistance to the glass
- 2. Added steel guards include crankcase, power train, front frame, hitch, steering cylinder, service center, cab, platform, implement valve cover, and tilt cylinder
- 3. Carbon cab air filter removes harsh odors
- Optional powered cab precleaner helps to improve cab filter life and keeps the cab pressurized
- Optional 3<sup>rd</sup> and 4<sup>th</sup> valve hydraulics available to control a large variety of work tools
- 6. Large line of Cat waste and scrap work tools





- Narrow front steel fenders help to keep the windshield clean and are set inboard of the outer edge of the tire for added protection
- 8. Optional rear guard protects the rear grill and cooling package from impact
- 9. Heavy-duty steel cable lower steps stand up to the harshest conditions
- Optional variable pitch fan and high debris cooling cores help to keep the cooling package clean
- Optional turbine engine air precleaner with a trash screen option help to extend engine air filter life
- 12. Front lights are guarded and positioned close to the frame for added protection

- Lower front frame guard protects vital drivetrain components and keeps trash from getting in the front frame compartment
- 14. Power train guard protects the transmission and helps keep trash out of the engine compartment
- 15. Lower hydraulic service center guard protects the transmission filter and keep trash out of the service center
- 16. Rear crankcase and platform guards keeps trash and debris out



### **Tire Options**

Tire Brand	BRAWLER HPS SMOOTH	BRAWLER HPS TRACTION	BRIDGESTONE	MICHELIN	MAXAM
Tire Size	26.5R25	26.5R25	26.5R25	26.5R25	26.5R25
Tread Type	N/A	N/A	L3	L3	L3
Tread Pattern	SMOOTH	TRACTION	VJT	XHA2	MS302
Casing Strength	N/A	N/A	*	**	**
Width over Tires – Maximum (empty)*	2959 mm 9'9"	2959 mm 9'9"	2978 mm 9'10"	2986 mm 9'10"	2972 mm 9'9"
Width over Tires – Maximum (loaded)*	2968 mm 9'9"	2968 mm 9'9"	3012 mm 9'11"	3016 mm 9'11"	2947 mm 9'9"
Change in Vertical Dimensions		-3 mm	-37 mm	-48 mm	-23 mm
(average of front and rear)		-0.1"	-1.5"	-1.9"	-0.9"
Change in Horizontal Reach		0 mm 0"	-11 mm -0.4"	-8 mm -0.3"	-18 mm -0.7"
Change in Clearance Circle to Outside of Tires		0 mm 0"	44 mm 1.7"	48 mm 1.9"	-21 mm -0.8"
Change in Clearance Circle to Inside of Tires		0 mm 0"	-44 mm -1.7"	-48 mm -1.9"	21 mm 0.8"
Change in Operating Weight (without Ballast)		-224 kg -494 lb	-4300 kg -9,482 lb	-4464 kg -9,843 lb	-4316 kg -9,517 lb
Change in Static Tipping Load – Straight		-162 kg -358 lb	-3118 kg -6,874 lb	-3236 kg -7,136 lb	-3129 kg -6,900 lb
Change in Static Tipping Load – Articulated		-144 kg -319 lb	-2774 kg -6,116 lb	-2879 kg -6,349 lb	-2784 kg -6,138 lb
Rear Axle Oscillation Angle	±8 degrees	±8 degrees	±13 degrees	±13 degrees	±13 degree
Maximum Single-wheel Rise and Fall	310 mm 1'1"	310 mm 1'1"	502 mm 1'8"	502 mm 1'8"	502 mm 1'8"

\*Width over tire bulge and includes tire growth.

Linkage			Standard Linkage	
Bucket Type		(	General Purpose – Hook-On – Fusion	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.00
	yd <sup>3</sup>	5.50	5.50	5.25
Capacity - Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.40
	yd <sup>3</sup>	6.00	6.00	5.75
Width	mm	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"
16† Dump Clearance at Maximum Lift	mm	2998	2844	2844
and 45° Discharge	ft/in	9'10"	9'3"	9'3"
17† Reach at Maximum Lift and	mm	1406	1544	1544
45° Discharge	ft/in	4'7"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2866	3070	3070
Bucket Level	ft/in	9'4"	10'0"	10'0"
A <sup>†</sup> Digging Depth	mm	78	78	48
	in	3.0"	3.0"	1.9"
12† Overall Length	mm	8767	8993	8993
	ft/in	28'10"	29'7"	29'7"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5998	5998	5998
Maximum Lift	ft/in	19'9"	19'9"	19'9"
Loader Clearance Circle Radius	mm	7539	7629	7629
with Bucket at Carry Position	ft/in	24'9"	25'1"	25'1"
Static Tipping Load, Straight	kg	19 632	19 449	19 814
(With tire deflection)	lb	43,280	42,877	43,682
Static Tipping Load, Straight	kg	21 122	20 937	21 319
(No tire deflection)	lb	46,554	46,146	46,988
Static Tipping Load,	kg	17 832	17 649	18 001
Articulated (With tire deflection)	lb	39,313	38,910	39,685
Static Tipping Load, Articulated	kg	19 330	19 145	19 513
(No tire deflection)	lb	42,604	42,196	43,007
Breakout Force(§)	kN	166	165	176
	lbf	37,424	37,081	39,622
Operating Weight*	kg	28 578	28 716	28 553
	lb	62,985	63,289	62,930

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage				Standa	rd Linkage		
Bucket Type			Gei	neral Purpose	– Hook-On – Fusi	on	
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	3.80	3.80	3.60	4.60	4.60	4.40
	yd <sup>3</sup>	5.00	5.00	4.75	6.00	6.00	5.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.20	4.00	5.10	5.10	4.80
	yd <sup>3</sup>	5.50	5.50	5.25	6.75	6.75	6.25
Width	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift	mm	3076	2924	2924	2985	2831	2831
and 45° Discharge	ft/in	10'1"	9'7"	9'7"	9'9"	9'3"	9'3"
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1335	1474	1474	1409	1546	1546
45° Discharge	ft/in	4'4"	4'10"	4'10"	4'7"	5'0"	5'0"
Reach at Level Lift Arm and	mm	2756	2961	2961	2876	3081	3081
Bucket Level	ft/in	9'0"	9'8"	9'8"	9'5"	10'1"	10'1"
A† Digging Depth	mm	86	86	56	85	85	55
	in	3.4"	3.4"	2.2"	3.3"	3.3"	2.1"
2† Overall Length	mm	8664	8890	8890	8783	9009	9009
	ft/in	28'6"	29'2"	29'2"	28'10"	29'7"	29'7"
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	5841	5841	5841	6076	6076	6076
Maximum Lift	ft/in	19'2"	19'2"	19'2"	20'0"	20'0"	20'0"
Loader Clearance Circle Radius	mm	7513	7602	7602	7545	7635	7635
with Bucket at Carry Position	ft/in	24'8"	25'0"	25'0"	24'10"	25'1"	25'1"
Static Tipping Load, Straight	kg	19 940	19 758	20 132	19 767	19 611	19 971
(With tire deflection)	lb	43,960	43,559	44,383	43,644	43,234	44,028
Static Tipping Load, Straight	kg	21 432	21 248	21 639	21 345	21 157	21 536
(No tire deflection)	lb	47,237	46,831	47,692	47,046	46,630	47,466
Static Tipping Load,	kg	18 123	17 941	18 300	17 972	17 786	18 133
Articulated (With tire deflection)	lb	39,954	39,553	40,345	39,621	39,212	39,976
Static Tipping Load, Articulated	kg	19 622	19 437	19 813	19 526	19 338	19 704
(No tire deflection)	lb	43,247	42,840	43,669	43,037	42,621	43,428
Breakout Force(§)	kN	181	179	192	164	163	174
	lbf	40,682	40,332	43,265	37,052	36,706	39,210
Operating Weight*	kg	28 515	28 653	28 489	28 692	28 830	28 667
	lb	62,846	63,150	62,790	63,237	63,541	63,181

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage				Standard Linkag	e	
Bucket Type		General Purpose – Pin-On				
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m <sup>3</sup>	4.60	4.60	4.40	3.80	3.60
	yd <sup>3</sup>	6.00	6.00	5.75	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.10	5.10	4.80	4.20	4.00
	yd <sup>3</sup>	6.75	6.75	6.25	5.50	5.25
Width	mm	3264	3301	3301	3220	3271
	ft/in	10'8"	10'9"	10'9"	10'6"	10'8"
16 <sup>+</sup> Dump Clearance at Maximum Lift	mm	3015	2857	2857	3105	2953
and 45° Discharge	ft/in	9'10"	9'4"	9'4"	10'2"	9'8"
17† Reach at Maximum Lift and	mm	1372	1508	1508	1300	1440
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2829	3035	3035	2712	2916
Bucket Level	ft/in	9'3"	9'11"	9'11"	8'10"	9'6"
A† Digging Depth	mm	86	86	56	86	56
	in	3.4"	3.4"	2.2"	3.4"	2.2"
12† Overall Length	mm	8737	8968	8968	8620	8846
	ft/in	28'8"	29'6"	29'6"	28'4"	29'1"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6049	6049	6049	5815	5815
Maximum Lift	ft/in	19'11"	19'11"	19'11"	19'1"	19'1"
Loader Clearance Circle Radius	mm	7538	7619	7619	7488	7573
with Bucket at Carry Position	ft/in	24'9"	25'0"	25'0"	24'7"	24'11"
Static Tipping Load, Straight	kg	20 322	20 014	20 393	20 562	20 599
(With tire deflection)	lb	44,803	44,123	44,958	45,332	45,414
Static Tipping Load, Straight	kg	21 884	21 570	21 966	22 086	22 106
(No tire deflection)	lb	48,234	47,541	48,413	48,678	48,722
Static Tipping Load,	kg	18 481	18 174	18 537	18 722	18 751
Articulated (With tire deflection)	lb	40,743	40,066	40,868	41,274	41,339
Static Tipping Load, Articulated	kg	20 049	19 735	20 116	20 251	20 263
(No tire deflection)	lb	44,189	43,498	44,336	44,635	44,661
Breakout Force(§)	kN	170	167	179	187	200
	lbf	38,334	37,661	40,281	42,203	44,976
Operating Weight*	kg	28 291	28 463	28 302	28 100	28 074
	lb	62,352	62,731	62,376	61,931	61,875

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage			Standa	rd Linkage	
Bucket Type			General Pu	rpose – Pin-On	
Edge Type	-	Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m <sup>3</sup>	4.20	4.00	4.00	3.80
	yd <sup>3</sup>	5.50	5.25	5.25	5.00
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.40	4.40	4.20
	yd <sup>3</sup>	6.00	5.75	5.75	5.50
Width	mm	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift	mm	3029	2875	3096	2943
and 45° Discharge	ft/in	9'11"	9'5"	10'1"	9'7"
17† Reach at Maximum Lift and	mm	1361	1498	1307	1446
45° Discharge	ft/in	4'5"	4'11"	4'3"	4'8"
Reach at Level Lift Arm and	mm	2811	3016	2723	2928
Bucket Level	ft/in	9'2"	9'10"	8'11"	9'7"
A† Digging Depth	mm	86	56	86	56
	in	3.4"	2.2"	3.4"	2.2"
12† Overall Length	mm	8719	8945	8631	8857
	ft/in	28'8"	29'5"	28'4"	29'1"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5926	5926	5926	5926
Maximum Lift	ft/in	19'6"	19'6"	19'6"	19'6"
Loader Clearance Circle Radius	mm	7513	7598	7491	7576
with Bucket at Carry Position	ft/in	24'8"	25'0"	24'7"	24'11"
Static Tipping Load, Straight	kg	20 321	20 410	20 549	20 630
(With tire deflection)	lb	44,800	44,996	45,302	45,482
Static Tipping Load, Straight	kg	21 847	21 939	22 085	22 170
(No tire deflection)	lb	48,152	48,354	48,677	48,863
Static Tipping Load,	kg	18 489	18 565	18 704	18 772
Articulated (With tire deflection)	lb	40,762	40,928	41,236	41,386
Static Tipping Load, Articulated	kg	20 022	20 099	20 247	20 317
(No tire deflection)	lb	44,130	44,298	44,625	44,778
Breakout Force (§)	kN	173	184	185	197
	lbf	39,032	41,412	41,747	44,465
Operating Weight*	kg	28 208	28 182	28 152	28 126
	lb	62,169	62,113	62,046	61,990

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard	1 Linkage
Bucket Type		Waste, Dozing – Pin-On	Waste, Load and Carry – Pin-On
Edge Type		Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	6.50	7.40
	yd <sup>3</sup>	8.50	9.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	7.20	8.10
	yd <sup>3</sup>	9.50	10.50
Width	mm	3357	3357
	ft/in	11'0"	11'0"
16† Dump Clearance at Maximum Lift	mm	2951	2670
and 45° Discharge	ft/in	9'8"	8'9"
17† Reach at Maximum Lift and	mm	1245	1526
45° Discharge	ft/in	4'1"	5'0"
Reach at Level Lift Arm and	mm	2802	3199
Bucket Level	ft/in	9'2"	10'5"
A <sup>+</sup> Digging Depth	mm	118	78
	in	4.6"	3.0"
<b>2</b> <sup>↑</sup> Overall Length	mm	8736	9133
	ft/in	28'8"	30'0"
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6600	6377
Maximum Lift	ft/in	21'8"	21'0"
Loader Clearance Circle Radius	mm	7584	7686
with Bucket at Carry Position	ft/in	24'11"	25'3"
Static Tipping Load, Straight	kg	20 566	18 761
(With tire deflection)	lb	45,340	41,361
Static Tipping Load, Straight	kg	22 389	20 344
(No tire deflection)	lb	49,345	44,840
Static Tipping Load,	kg	18 643	16 970
Articulated (With tire deflection)	lb	41,101	37,412
Static Tipping Load, Articulated	kg	20 465	18 559
(No tire deflection)	lb	45,106	40,905
Breakout Force(§)	kN	169	136
	lbf	38,181	30,669
Operating Weight*	kg	28 905	29 129
	lb	63,705	64,199

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		Standard Linkage	
Bucket Type		Waste, Top Clamp – Pin-On	
Edge Type		Steel Bolt-On Cutting Edges	
Capacity – Rated	m <sup>3</sup>	5.00	
	yd <sup>3</sup>	6.50	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.50	
	yd <sup>3</sup>	7.25	
Width	mm	3357	
	ft/in	11'0"	
6† Dump Clearance at Maximum Lift	mm	2457	
and 45° Discharge	ft/in	8'0"	
<b>17</b> † Reach at Maximum Lift and	mm	1740	
45° Discharge	ft/in	5'8"	
Reach at Level Lift Arm and	mm	3501	
Bucket Level	ft/in	11'5"	
A† Digging Depth	mm	78	
	in	3.0"	
<b>2</b> † Overall Length	mm	9435	
	ft/in	31'0"	
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	5516	
Maximum Lift	ft/in	18'2"	
Loader Clearance Circle Radius	mm	7768	
with Bucket at Carry Position	ft/in	25'6"	
Static Tipping Load, Straight	kg	16 608	
(With tire deflection)	lb	36,615	
Static Tipping Load, Straight	kg	17 923	
(No tire deflection)	lb	39,503	
Static Tipping Load,	kg	14 949	
Articulated (With tire deflection)	lb	32,956	
Static Tipping Load, Articulated	kg	16 275	
(No tire deflection)	lb	35,872	
Breakout Force(§)	kN	112	
	lbf	25,206	
Operating Weight*	kg	29 916	
	lb	65,933	

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage	High Lift Linkage General Purpose – Hook-On – Fusion						
Bucket Type							
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips
Capacity – Rated	m <sup>3</sup>	4.20	4.20	4.00	3.80	3.80	3.60
	yd <sup>3</sup>	5.50	5.50	5.25	5.00	5.00	4.75
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	4.60	4.60	4.40	4.20	4.20	4.00
	yd <sup>3</sup>	6.00	6.00	5.75	5.50	5.50	5.25
Width	mm	3220	3271	3271	3220	3271	3271
	ft/in	10'6"	10'8"	10'8"	10'6"	10'8"	10'8"
6 <sup>+</sup> Dump Clearance at Maximum Lift	mm	3556	3402	3402	3634	3482	3482
and 45° Discharge	ft/in	11'8"	11'1"	11'1"	11'11"	11'5"	11'5"
7 <sup>+</sup> Reach at Maximum Lift and	mm	1382	1519	1519	1310	1450	1450
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'3"	4'9"	4'9"
Reach at Level Lift Arm and	mm	3270	3475	3475	3160	3365	3365
Bucket Level	ft/in	10'8"	11'4"	11'4"	10'4"	11'0"	11'0"
A <sup>†</sup> Digging Depth	mm	53	53	23	61	61	31
	in	2.1"	2.1"	0.9"	2.4"	2.4"	1.2"
12† Overall Length	mm	9274	9496	9496	9170	9392	9392
	ft/in	30'6"	31'2"	31'2"	30'2"	30'10"	30'10"
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6556	6556	6556	6399	6399	6399
Maximum Lift	ft/in	21'7"	21'7"	21'7"	21'0"	21'0"	21'0"
Loader Clearance Circle Radius	mm	7778	7878	7878	7747	7845	7845
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'11"	25'5"	25'9"	25'9"
Static Tipping Load, Straight	kg	16 503	16 328	16 638	16 725	16 550	16 865
(With tire deflection)	lb	36,383	35,996	36,680	36,872	36,487	37,182
Static Tipping Load, Straight	kg	17 608	17 431	17 750	17 825	17 648	17 972
(No tire deflection)	lb	38,809	38,418	39,122	39,286	38,896	39,611
Static Tipping Load,	kg	14 933	14 757	15 058	15 144	14 969	15 274
Articulated (With tire deflection)	lb	32,921	32,534	33,197	33,386	33,000	33,674
Static Tipping Load, Articulated	kg	16 053	15 875	16 185	16 258	16 081	16 395
(No tire deflection)	lb	35,381	34,990	35,672	35,832	35,442	36,135
Breakout Force (§)	kN	154	152	162	167	165	177
	lbf	34,684	34,165	36,535	37,665	37,129	39,857
Operating Weight*	kg	28 813	28 951	28 788	28 750	28 888	28 725
	lb	63,504	63,808	63,448	63,364	63,668	63,308

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.
Linkage		High Lift Linkage						
Bucket Type	General Pu	General Purpose – Hook-On – Fusion			General Purpose – Pin-On			
Edge Type		Bolt-On Cutting Edges	Teeth and Segments	Tips	Bolt-On Cutting Edges	Teeth and Segments	Tips	
Capacity – Rated	m <sup>3</sup>	4.60	4.60	4.40	4.60	4.60	4.40	
	yd <sup>3</sup>	6.00	6.00	5.75	6.00	6.00	5.75	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	5.10	5.10	4.80	5.10	5.10	4.80	
	yd <sup>3</sup>	6.75	6.75	6.25	6.75	6.75	6.25	
Width	mm	3220	3271	3271	3264	3301	3301	
	ft/in	10'6"	10'8"	10'8"	10'8"	10'9"	10'9"	
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift	mm	3543	3389	3389	3573	3415	3415	
and 45° Discharge	ft/in	11'7"	11'1"	11'1"	11'8"	11'2"	11'2"	
<b>7</b> <sup>+</sup> Reach at Maximum Lift and	mm	1384	1522	1522	1348	1483	1483	
45° Discharge	ft/in	4'6"	4'11"	4'11"	4'5"	4'10"	4'10"	
Reach at Level Lift Arm and	mm	3280	3485	3485	3233	3439	3439	
Bucket Level	ft/in	10'9"	11'5"	11'5"	10'7"	11'3"	11'3"	
A <sup>†</sup> Digging Depth	mm	60	60	30	61	61	31	
	in	2.3"	2.3"	1.1"	2.4"	2.4"	1.2"	
2† Overall Length	mm	9289	9511	9511	9243	9469	9469	
	ft/in	30'6"	31'3"	31'3"	30'4"	31'1"	31'1"	
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6634	6634	6634	6607	6607	6607	
Maximum Lift	ft/in	21'10"	21'10"	21'10"	21'9"	21'9"	21'9"	
Loader Clearance Circle Radius	mm	7784	7884	7884	7772	7863	7863	
with Bucket at Carry Position	ft/in	25'7"	25'11"	25'11"	25'6"	25'10"	25'10"	
Static Tipping Load, Straight	kg	16 608	16 430	16 739	17 084	16 800	17 117	
(With tire deflection)	lb	36,615	36,222	36,903	37,664	37,037	37,737	
Static Tipping Load, Straight	kg	17 751	17 570	17 891	18 235	17 947	18 273	
(No tire deflection)	lb	39,124	38,726	39,432	40,191	39,555	40,274	
Static Tipping Load,	kg	15 018	14 840	15 139	15 482	15 199	15 506	
Articulated (With tire deflection)	lb	33,108	32,716	33,376	34,132	33,507	34,184	
Static Tipping Load, Articulated	kg	16 174	15 994	16 305	16 648	16 359	16 675	
(No tire deflection)	lb	35,649	35,251	35,936	36,692	36,057	36,753	
Breakout Force(§)	kN	152	150	160	157	153	164	
	lbf	34,285	33,768	36,100	35,467	34,587	37,021	
Operating Weight*	kg	28 927	29 065	28 902	28 526	28 698	28 537	
	lb	63,755	64,059	63,700	62,870	63,249	62,894	

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage				High Lift l	.inkage		
Bucket Type				General Purpo	se – Pin-On		
Edge Type		Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips	Bolt-On Cutting Edges	Tips
Capacity – Rated	m <sup>3</sup>	3.80	3.60	4.20	4.00	4.00	3.80
	yd <sup>3</sup>	5.00	4.75	5.50	5.25	5.25	5.00
Capacity - Rated at 110% Fill Factor	m <sup>3</sup>	4.20	4.00	4.60	4.40	4.40	4.20
	yd <sup>3</sup>	5.50	5.25	6.00	5.75	5.75	5.50
Width	mm	3220	3271	3220	3271	3220	3271
	ft/in	10'6"	10'8"	10'6"	10'8"	10'6"	10'8"
6† Dump Clearance at Maximum Lift	mm	3663	3511	3587	3433	3654	3501
and 45° Discharge	ft/in	12'0"	11'6"	11'9"	11'3"	11'11"	11'5"
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1276	1415	1336	1474	1283	1422
45° Discharge	ft/in	4'2"	4'7"	4'4"	4'10"	4'2"	4'7"
Reach at Level Lift Arm and	mm	3116	3321	3215	3420	3128	3332
Bucket Level	ft/in	10'2"	10'10"	10'6"	11'2"	10'3"	10'11"
A† Digging Depth	mm	61	31	61	31	61	31
	in	2.4"	1.2"	2.4"	1.2"	2.4"	1.2"
2† Overall Length	mm	9125	9347	9225	9447	9137	9359
	ft/in	30'0"	30'8"	30'4"	31'0"	30'0"	30'9"
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6373	6373	6484	6484	6484	6484
Maximum Lift	ft/in	20'11"	20'11"	21'4"	21'4"	21'4"	21'4"
Loader Clearance Circle Radius	mm	7718	7812	7747	7842	7721	7815
with Bucket at Carry Position	ft/in	25'4"	25'8"	25'5"	25'9"	25'4"	25'8"
Static Tipping Load, Straight	kg	17 281	17 283	17 090	17 135	17 264	17 304
(With tire deflection)	lb	38,098	38,102	37,676	37,776	38,061	38,149
Static Tipping Load, Straight	kg	18 401	18 387	18 215	18 258	18 393	18 431
(No tire deflection)	lb	40,556	40,525	40,146	40,241	40,539	40,622
Static Tipping Load,	kg	15 682	15 680	15 497	15 532	15 662	15 693
Articulated (With tire deflection)	lb	34,573	34,569	34,164	34,243	34,529	34,597
Static Tipping Load, Articulated	kg	16 817	16 798	16 636	16 669	16 806	16 833
(No tire deflection)	lb	37,065	37,024	36,667	36,739	37,041	37,101
Breakout Force (§)	kN	173	184	160	169	172	182
	lbf	39,085	41,447	36,129	38,141	38,656	40,968
Operating Weight*	kg	28 335	28 310	28 443	28 418	28 387	28 362
	lb	62,450	62,394	62,688	62,632	62,564	62,508

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

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(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

Linkage		High Lift Linkage				
Bucket Type		Waste, Dozing – Pin-On	Waste, Load and Carry – Pin-On	Waste, Top Clamp – Pin-On		
Edge Type		Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges	Steel Bolt-On Cutting Edges		
Capacity – Rated	m <sup>3</sup>	6.50	7.40	5.00		
	yd <sup>3</sup>	8.50	9.75	6.50		
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	7.20	8.10	5.50		
	yd <sup>3</sup>	9.50	10.50	7.25		
Width	mm	3357	3357	3357		
	ft/in	11'0"	11'0"	11'0"		
<b>16</b> <sup>+</sup> Dump Clearance at Maximum Lift	mm	3509	3228	3015		
and 45° Discharge	ft/in	11'6"	10'7"	9'10"		
17 <sup>†</sup> Reach at Maximum Lift and	mm	1221	1501	1715		
45° Discharge	ft/in	4'0"	4'11"	5'7"		
Reach at Level Lift Arm and	mm	3206	3603	3905		
Bucket Level	ft/in	10'6"	11'9"	12'9"		
A <sup>+</sup> Digging Depth	mm	93	53	53		
	in	3.6"	2.0"	2.0"		
12† Overall Length	mm	9237	9634	9936		
	ft/in	30'4"	31'8"	32'8"		
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	7158	6935	6074		
Maximum Lift	ft/in	23'6"	22'10"	20'0"		
Loader Clearance Circle Radius	mm	7817	7937	8032		
with Bucket at Carry Position	ft/in	25'8"	26'1"	26'5"		
Static Tipping Load, Straight	kg	17 196	15 798	13 948		
(With tire deflection)	lb	37,911	34,828	30,750		
Static Tipping Load, Straight	kg	18 524	16 982	14 948		
(No tire deflection)	lb	40,827	37,428	32,947		
Static Tipping Load,	kg	15 524	14 225	12 481		
Articulated (With tire deflection)	lb	34,225	31,361	27,516		
Static Tipping Load, Articulated	kg	16 863	15 423	13 499		
(No tire deflection)	lb	37,166	33,993	29,752		
Breakout Force (§)	kN	155	124	102		
	lbf	35,038	28,070	22,995		
Operating Weight*	kg	29 140	29 364	30 151		
	lb	64,224	64,717	66,452		

\* Static tipping loads and operating weights shown are based on a machine configuration with Brawler 26.5X25 Smooth solid tires, full fluids, operator, cab precleaner, fabricated counterweight with rear guard (1300 kg), flat window glass with front guard, industrial package, ride control, standard starting, narrow fenders, turbine engine precleaner, Product Link, auto diff lock axles (front/rear), power train guard, standard steering, industrial sound suppression and variable pitch fan.

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(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing. (No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.



# **966** *Forestry Machine*

The Cat 966 Wheel Loader Forestry Package provides the additional performance, productivity, and safety that is demanded in the woods and the millyard.

#### **Proven Reliability**

- Cat C9.3B engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump.
- Features an electric fuel priming pump, fuel-water separator, and secondary fuel filter.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### Durability

- Forestry package includes an extreme service transmission and a lift arm with additional weld treatments for added durability.
- Heavy-duty axles are designed to handle extreme applications.

#### **Superior Fuel Efficiency & Productivity**

- Forestry package includes additional counterweight, a larger tilt cylinder, and increased tilt relief pressure to increase machine capacity over the base model.
- Optional variable pitch fan and high debris coolers minimize the potential for overheating and reduce downtime for radiator clean out in high debris applications.
- Optional 3rd and 4th valve auxiliary hydraulics to control work tools requiring the additional function.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, power train, and hydraulic systems deliver unmatched productivity and fuel efficiency.

#### **Safety Features**

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Optional Multiview (360°) vision system helps the operator monitor the surroundings of the machine at all times.
- Optional Cat Detect radar technology enhances awareness by monitoring the working environment and alerts operators to hazards.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

#### **Reduced Maintenance Time and Costs**

- Extended fluid and filter change intervals reduce maintenance costs by up to 20%.
- Optional turbine engine air precleaner improves air filter life.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat App helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.

#### Work in Comfort in the All New Cab

- Optional powered cabin precleaner filters the incoming air and pressurize the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. An HMU steering wheel is also available.

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#### **966 Forestry Machine Features**

- 1. Larger tilt cylinder and relief valves for increased load control in fork applications
- 2. Heavier counterweight provides increased tipping loads in a millyard application
- 3. Extreme service transmission maintains durability
- 4. Optional window guarding to provide impact resistance to the glass
- Optional 3<sup>rd</sup> and 4<sup>th</sup> function hydraulics provide auxiliary hydraulic control for work tools like millyard or logging forks
- 6. Wide range of millyard work tools



7. Optional variable pitch fan help to keep rear grill and cooling cores clean in high debris applications

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- 8. Optional high debris/wide fin spacing cooling cores are less prone to plugging
- 9. Optional axle oil cooler provides lower axle oil temperatures in high braking applications
- 10. Optional engine and cab precleaners for use in high debris applications
- 11. Optional rear guard protects the rear grill and cooling package from impact

### **Tire Options**

Tire Brand	BRIDGESTONE	BRIDGESTONE	BRIDGESTONE	MICHELIN	MICHELIN	MAXAM
Tire Size	26.5R25	26.5R25	775/65R29	26.5R25	775/65R29	26.5R25
Tread Type	L3	L4	L3	L3	L3	L3
Tread Pattern	VJT	VSNT	VTS	XHA2	XHA2	MS302
Casing Strength	*	*	*	**	*	**
Width over Tires – Maximum (empty)*	2978 mm 9'10"	2960 mm 9'9"	3046 mm 10'0"	2986 mm 9'10"	3019 mm 9'11"	2972 mm 9'9"
Width over Tires – Maximum (loaded)*	3012 mm 9'11"	2991 mm 9'10"	3070 mm 10'1"	3016 mm 9'11"	3049 mm 10'1"	2947 mm 9'9"
Change in Vertical Dimensions (average of front and rear)		26 mm 1.0"	11 mm 0.4"	-11 mm -0.4"	4 mm 0.1"	14 mm 0.5"
Change in Horizontal Reach		-21 mm -0.8"	-1 mm 0"	3 mm 0.1"	2 mm 0.1"	-7 mm -0.3"
Change in Clearance Circle to Outside of Tires		-21 mm -0.8"	58 mm 2.3"	5 mm 0.2"	38 mm 1.5"	-65 mm -2.6"
Change in Clearance Circle to Inside of Tires		21 mm 0.8"	-58 mm -2.3"	-5 mm -0.2"	-38 mm -1.5"	65 mm 2.6"
Change in Operating Weight (without Ballast)		460 kg 1,014 lb	692 lb 1,525 lb	-164 kg -362 lb	504 kg 1,110 lb	-16 kg -35 lb
Change in Static Tipping Load – Straight		334 kg 735 lb	501 kg 1,106 lb	-119 kg -262 lb	365 kg 805 lb	-12 kg -26 lb
Change in Static Tipping Load – Articulated		297 kg 654 lb	446 kg 984 lb	-106 kg -233 lb	325 kg 716 lb	-10 kg -23 lb
Rear Axle Oscillation Angle	±13 degrees	±13 degrees	±8 degrees	±13 degrees	±8 degrees	±13 degrees
Maximum Single-wheel Rise and Fall	502 mm 1'8"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"	310 mm 1'1"	502 mm 1'8"

\*Width over tire bulge and includes tire growth.

Linkage		Forestry Li	nkage
Bucket Type		Woodchip – Hook-On – Fusion	Woodchip – Pin-On
Edge Type		Bolt-On Cutting Edges	Bolt-On Cutting Edges
Capacity – Rated	m <sup>3</sup>	11.90	11.90
	yd <sup>3</sup>	15.50	15.50
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	13.10	13.10
	yd <sup>3</sup>	17.25	17.25
Width	mm	3943	3943
	ft/in	12'11"	12'11"
<b>16</b> <sup>†</sup> Dump Clearance at Maximum Lift	mm	2442	2442
and 45° Discharge	ft/in	8'0"	8'0"
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1771	1732
45° Discharge	ft/in	5'9"	5'8"
Reach at Level Lift Arm and	mm	3511	3483
Bucket Level	ft/in	11'6"	11'5"
A <sup>+</sup> Digging Depth	mm	106	134
	in	4.2"	5.3"
<b>2</b> <sup>+</sup> Overall Length	mm	9724	9719
	ft/in	31'11"	31'11"
<b>B</b> <sup>+</sup> Overall Height with Bucket at	mm	6680	6689
Maximum Lift	ft/in	21'11"	22'0"
Loader Clearance Circle Radius	mm	8055	8026
with Bucket at Carry Position	ft/in	26'6"	26'4"
Static Tipping Load, Straight	kg	18 714	18 935
(With tire deflection)	lb	41,245	41,732
Static Tipping Load, Straight	kg	20 361	20 529
(No tire deflection)	lb	44,876	45,245
Static Tipping Load,	kg	16 151	16 399
Articulated (With tire deflection)	lb	35,597	36,143
Static Tipping Load, Articulated	kg	17 817	18 014
(No tire deflection)	lb	39,269	39,703
Breakout Force(§)	kN	139	141
	lbf	31,266	31,780
Operating Weight*	kg	26 085	25 620
	lb	57,490	56,465

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, axle oil cooler, logger counterweight, ride control, cold start, roading fenders, Product Link, manual diff lock/open axles (front/rear), logger package, power train guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(\$) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.

#### **Fork Specifications**

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in	30.0 14730
	Static Tipping Load - Straight (Forks Level)	kg Ibs	32464
	Static Tipping Load - Articulated (Forks Level)	kg	12970
		lbs	28586 6485
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	14293
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7782
	······································	lbs	17151
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	10376 22868
-	Maximum Quantill Langth	mm	9527
3	Maximum Overall Length	in	375.1
4	Reach with Forks at Ground Level	mm	1126
		in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-166 -6.5
		mm	1694
6	Reach with Arms Horizontal and Forks Level	in	66.7
7	Reach with Fork at Maximum Height	mm	826
		in	32.5
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1866 73.4
_		mm	3949
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	••••••••••••••••••••••••••••••••••••••	in	186.0 2652
11	Clearance at Full Lift and Max Dump	mm in	2652
40	Max Discharge Angle from Horizontal		43
12	Max Discharge Angle Ironi Honzontal	deg	
13	Overall Carriage Width	mm	2217
		in mm	87.3 840
14	Overall Carriage Height	in	33.1
15	Outside Tine Width (max spread)	mm	2070
15		in	81.5
16	Outside Tine Width (min spread)	mm	470
	, , ,	in mm	18.5 150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	6300
		lbs	13885 23815
	Operating Weight	kg Ibs	23815 52488
		100	52400



\*Negative values indicate below grade

Payload (SAE J1197) -Payload (CEN EN 474-3 - Rough Ter Payload (CEN EN 474-3 - Firm & Level oing Load - Artic 

+ Hydraulic Lift Cap

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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# Hinge (B) Pin Height (mm)



#### **Fork Specifications**

#### Fork Specifications

1	Tine Length	mm in	1830 72.0
2	Load Center	mm	915
	Edad Genter	in	36.0
	Static Tipping Load - Straight (Forks Level)	kg	14047
		lbs ka	30960 12364
	Static Tipping Load - Articulated (Forks Level)	lbs	27251
		ka	6182
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13625
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7418
		lbs	16350
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9594
	· · · · · · · · · · · · · · · · · · ·	lbs	21146
3	Maximum Overall Length	mm in	9833 387.1
		mm	1126
4	Reach with Forks at Ground Level	in	44.3
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-166
5	Ground to Bottom of Time at Minimum Reight and Fork Level	in	-6.5
6	Reach with Arms Horizontal and Forks Level	mm	1694
		in	66.7
7	Reach with Fork at Maximum Height	mm in	826 32.5
		mm	1866
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	73.4
9	Conversion Tax of Time of Maximum Unicht and Fach Laure	mm	3949
9	Ground to Top of Tine at Maximum Height and Fork Level	in	155.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	4724
	oreran neight er i ent att an Ent (tep er earnage te greana)	in	186.0
11	Clearance at Full Lift and Max Dump	mm	2444
	· · · · · · · · · · · · · · · · · · ·	in	96.2
12	Max Discharge Angle from Horizontal	deg	43
40	Overall Carriage Width	mm	2217
13	Overall Carriage Wildli	in	87.3
14	Overall Carriage Height	mm	840
	oronali oantago noigin	in	33.1
15	Outside Tine Width (max spread)	mm	2070
	,	in mm	81.5 470
16	Outside Tine Width (min spread)	in	18.5
	Tine Mildth (circle tine)	mm	150.0
	Tine Width (single tine)	in	5.9
	Tine Thickness	mm	65.0
		in	2.6
	Tine Capacity	kg	5246
		lbs	11562 23862
	Operating Weight	kg Ibs	23862
		103	52552



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474.3 - Rough Terra
 Payload (CEN EN 474.3 - Firm & Level
 Payload (CEN EN 474.3 - Firm & Level
 Static Tipping Load - Articulated
 Static Tipping Load - Straight

- Hydraulic Tilt Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)

WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
		in kg	24.0 15225
	Static Tipping Load - Straight (Forks Level)	lbs	33555
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	13376 29481
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6688
		lbs ka	14741 8026
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17689
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10701
	,	lbs mm	23585 9173
3	Maximum Overall Length	in	361.1
4	Reach with Forks at Ground Level	mm	1077
		in mm	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.3 818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1970 77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
	Ground to Top of The at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm in	5093 200.5
11	Clearance at Full Lift and Max Dump	mm	2820
		in	111.0
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm in	2178 85.7
40	Outside Time (Midth (min sums a))	mm	576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg Ibs	22200 48929
	Operating Weight	kg	24124
		lbs	53170
	*Negative velues indicate below grade		



\*Negative values indicate below grade

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)

Hinge (B) Pin Height (mm)



#### **Fork Specifications**

#### Fork Specifications

1	Tine Length	mm in	1524 60.0
_		mm	762
2	Load Center	in	30.0
	Static Tipping Load - Straight (Forks Level)	kg	14474
		lbs	31901
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	12709 28011
		ka	6355
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	14005
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7625
	Rated Load (CEN EN 474-3 Rough renain - 00% F131E)	lbs	16806
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10167
		lbs	22409
3	Maximum Overall Length	mm in	9478 373.1
		mm	1077
4	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
	Glound to Bottom of The at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in	66.4 818
7	Reach with Fork at Maximum Height	mm in	32.2
		mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in mm	200.5 2589
11	Clearance at Full Lift and Max Dump	in	101.9
- 10			49
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
	orolal callage that	in	99.5
14	Overall Carriage Height	mm in	1130 44.5
		mm	2178
15	Outside Tine Width (max spread)	in	85.7
40	Outside Tine Width (min spread)	mm	576
10	Outside The Width (Inih spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	· · · · · · · · · · · · · · · · · · ·	in	7.1
	Tine Thickness	mm in	90.0 3.5
		kg	17800
	Tine Capacity	lbs	39231
	Operating Weight	kg	24190
		lbs	53315



\*Negative values indicate below grade

-Payload (SAE J1197) -Payload (CEN EN 474-3 - Rough Ter ad (CEN EN 474-3 - Firm & Level

oing Load - Straigh 

aulic Lift Car

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



Capacity (Ibs) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in kg	36.0 13786
	Static Tipping Load - Straight (Forks Level)	lbs	30384
	Static Tipping Load - Articulated (Forks Level)	kg	12097
		lbs kg	26662 6049
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13331
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7258
	( J )	lbs kg	15997 9678
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21330
3	Maximum Overall Length	mm	9783
		in	385.1
4	Reach with Forks at Ground Level	mm in	1077 42.4
-	*One we date Detter and Time at Minimum Unight and Fastel avera	mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.4 818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	•	in mm	77.5 4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in	200.5
11	Clearance at Full Lift and Max Dump	mm in	2359 92.9
12	May Discharge Angle from Herizental		49
12	Max Discharge Angle from Horizontal	deg	-
13	Overall Carriage Width	mm in	2528 99.5
	Querell Querie no Illeight	mm	1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	(	in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	14800
		lbs	32619
	Operating Weight	kg Ibs	24251 53449
	*Negative values indicate helew grade	100	30443



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terral
 Payload (CEN EN 474-3 - Firm & Level
 Or Static Tipping Load - Articulated
 Or Straight

-d-Hydraulic Tilt Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



Hinge (B) Pin Height (mm)



#### **Fork Specifications**

#### Fork Specifications

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
	Edad Genter	in	42.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	13147 28976
	Static Tipping Load - Articulated (Forks Level)	kg	11529
	Static Tipping Load - Articulated (Forks Level)	lbs	25410
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5764 12705
	Detect Lond (OEN EN 474 2 Devel Terreir CON/ FTOTI )	kg	6917
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15246
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	8773
	· · · · · · · · · · · · · · · · · · ·	lbs mm	19337 10088
3	Maximum Overall Length	in	397.1
4	Reach with Forks at Ground Level	mm	1077
		in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm in	-87 -3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
	Reach with Anns Honzontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818 32.2
		in mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in mm	159.6 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2128
		in	83.8
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in	99.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm	2178
10		in	85.7
16	Outside Tine Width (min spread)	mm in	576 22.7
		mm	180.0
	Tine Width (single tine)	in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	24314
	operating resign	lbs	53588
	*Negative velues indicate below grade		



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terra
 Payload (CEN EN 474-3 - Firm & Level
 Or Static Tipping Load - Articulated
 Static Tipping Load - Straight

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)

Hinge (B) Pin Height (mm)



#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0
	Static Tipping Load - Straight (Forks Level)	lbs	27677
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	11004 24252
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5502
	,	lbs kg	12126 6602
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14551
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7882
	· · · · · · · · · · · · · · · · · · ·	lbs mm	17371 10392
3	Maximum Overall Length	in	409.1
4	Reach with Forks at Ground Level	mm	1077
		in mm	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.4 818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	•	in mm	77.5 4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in mm	200.5
11	Clearance at Full Lift and Max Dump	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2528
		in mm	99.5 1130
14	Overall Carriage Height	in	44.5
15	Outside Tine Width (max spread)	mm	2178
		in mm	85.7 576
16	Outside Tine Width (min spread)	in	22.7
	Tine Width (single tine)	mm	180.0
	( 6 ,	in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	11300
		lbs kg	24905 24376
	Operating Weight	lbs	53725
	*Negative values indicate below grade		



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terrai
 Payload (CEN EN 474-3 - Firm & Level
 Or Static Tipping Load - Articulated
 Or Straight

Static Tipping Load - Straight
 Hydraulic Tilt Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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#### Capacity (Ibs) (Calculated Load at CG Point)

\_\_\_\_\_

WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### Capacity (kg) (Calculated Load at CG Point)

#### Fork Specifications

1	Tine Length	mm in	1219 48.0
2	Load Center	mm	610
	Otatia Tinging Land Otaright (Faging Laws))	in kg	24.0 15184
	Static Tipping Load - Straight (Forks Level)	lbs	33466
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	13336 29392
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6668
		lbs kg	14696 8001
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	17635
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	10669
		lbs mm	23513 9173
3	Maximum Overall Length	in	361.1
4	Reach with Forks at Ground Level	mm	1077
		in mm	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in mm	66.3 818
7	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
	•	in mm	77.5 4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in mm	200.5 2820
11	Clearance at Full Lift and Max Dump	in	111.0
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
		in	111.5
14	Overall Carriage Height	mm in	1130 44.5
15	Outside Tine Width (max spread)	mm	2493
-15		in	98.1
16	Outside Tine Width (min spread)	mm in	590 23.2
	Tine Width (single tine)	mm	180.0
	The trial (sligie the)	in mm	7.1
	Tine Thickness	in	90.0 3.5
	Tine Capacity	kg	22200
		lbs	48929
	Operating Weight	kg Ibs	24177 53286
			50205



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (SAE J1197)
 Payload (CEN EN 4743 - Rough Terra
 Payload (CEN EN 4743 - Rough Terra
 Payload (CEN EN 4743 - Firm & Level
 Static Tipping Load - Articulated
 Static Tipping Load - Straight
 \_-Hordrauk TIK Capacity

-----Hydraulic Lift Cap

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine Length	mm in	1524 60.0
2	Load Center	mm	762
		in	30.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	14439 31824
	Otatia Tinning Land Articulated (Feder Laurel)	kg	12674
	Static Tipping Load - Articulated (Forks Level)	lbs	27933
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6337
		lbs	13967
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	7604 16760
		ka	10139
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	22347
3	Maximum Overall Length	mm	9478
		in	373.1
4	Reach with Forks at Ground Level	mm	1077
		in mm	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
_	Reach with Arms Horizontal and Forks Level	mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
	riodon mari on at maximan riogin	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1970 77.5
		mm	4053
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	everal height of heint at han Ent (top of barnage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	2589
		in	101.9
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
-15		in	111.5
14	Overall Carriage Height	mm	1130
		in mm	44.5 2483
15	Outside Tine Width (max spread)	in	97.8
40	Outside Tine Width (min anroad)	mm	590
10	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
	· · · · · · /	in	7.1
	Tine Thickness	mm in	90.0 3.5
	<b>T</b> 0 1	ka	17800
	Tine Capacity	lbs	39231
	Operating Weight	kg	24239
	operating treight	lbs	53423



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terra
 Payload (CEN EN 474-3 - Firm & Level
 P-Static Tipping Load - Articulated
 Static Tipping Load - Straight

-----Hydraulic Lift Capa

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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#### **Fork Specifications**

1	Tine Length	mm	1829
	5	in	72.0
2	Load Center	mm in	36.0
		kg	13751
	Static Tipping Load - Straight (Forks Level)	lbs	30307
		ka	12062
	Static Tipping Load - Articulated (Forks Level)	lbs	26585
		ka	6031
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	13293
		ka	7237
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15951
		kg	9650
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	21268
_	N : 0	mm	9783
3	Maximum Overall Length	in	385.1
-	Reach with Forks at Ground Level	mm	1077
4	Reach with Forks at Ground Level	in	42.4
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-87
5	Ground to Bottom of The at Minimum Reight and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
0	Reach with Annis Honzontal and Forks Level	in	66.4
7	Reach with Fork at Maximum Height	mm	818
	Treach with Fork at Maximum height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
		in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
		in	200.5
11	Clearance at Full Lift and Max Dump	mm	2359 92.9
		in	
12	Max Discharge Angle from Horizontal	deg	49
		mm	2833
13	Overall Carriage Width	in	111.5
		mm	1130
14	Overall Carriage Height	in	44.5
		mm	2483
15	Outside Tine Width (max spread)	in	97.8
40	Outside Ties Width (sin second)	mm	590
10	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	14800
	The capacity	lbs	32619
	Operating Weight	kg	24301
		lbs	53560



\*Negative values indicate below grade

Payload (SAE J1197) Payload (CEN EN 474-3 - Rough Ter Payload (CEN EN 474-3 - Firm & Level ning Load - Artic tatic Tipping Load - Straigh

+ Hydraulic Lift Cap

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

### Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine Length	mm in	2134 84.0
2	Load Center	mm	1067
- 2		in	42.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	13115 28905
		kg	11497
	Static Tipping Load - Articulated (Forks Level)	lbs	25338
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5748
		lbs	12669
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	6898 15203
		kg	8767
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	19322
3	Maximum Overall Length	mm	10088
		in	397.1 1077
4	Reach with Forks at Ground Level	mm in	42.4
5	to sound to Dettern of Time of Minimum Uninks and Facture and	mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
6	Reach with Arms Horizontal and Forks Level	mm	1685
		in	66.4
7	Reach with Fork at Maximum Height	mm in	818 32.2
	Occurred to Tage of Time with Amore Userian state and Facily Level	mm	1970
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
		in mm	159.6 5093
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	200.5
4.4	Clearance at Full Lift and Max Dump	mm	2128
11		in	83.8
12	Max Discharge Angle from Horizontal	deg	49
	5 5	mm	2833
13	Overall Carriage Width	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in mm	97.8 590
16	Outside Tine Width (min spread)	in	23.2
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12700
	Tine Capacity	lbs	27991
	Operating Weight	kg	24363
		lbs	53696
	and the second sec		



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terra
 Payload (CEN EN 474-3 - Firm & Level
 Payload (CEN EN 474-3 - Firm & Level
 Payload CEN Load - Articulated
 Payload CEN Load - Straight

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)

# Hinge (B) Pin Height (mm)

#### **Fork Specifications**

#### **Fork Specifications**

1	Tine Length	mm	2438
		in	96.0
2	Load Center	mm	1219 48.0
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	27606
		kg	10972
	Static Tipping Load - Articulated (Forks Level)	lbs	24182
		kg	5486
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	12091
		ka	6583
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	14509
		ka	7875
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	17357
		mm	10392
3	Maximum Overall Length	in	409.1
		mm	1077
4	Reach with Forks at Ground Level	in	42.4
		mm	-87
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.4
-		mm	1685
6	Reach with Arms Horizontal and Forks Level	in	66.4
7	Deach with Fault at Maximum Ulainht	mm	818
'	Reach with Fork at Maximum Height	in	32.2
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1970
0	Ground to Top of The with Arms Honzontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4053
3	Glound to Top of The at Maximum Height and Fork Level	in	159.6
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5093
	overall height of Fork at Full Lift (top of carnage to ground)	in	200.5
11	Clearance at Full Lift and Max Dump	mm	1899
	Sibaranoo at ran Entana max Bamp	in	74.7
12	Max Discharge Angle from Horizontal	deg	49
13	Overall Carriage Width	mm	2833
	5	in	111.5
14	Overall Carriage Height	mm	1130
		in	44.5
15	Outside Tine Width (max spread)	mm	2483
		in	97.8
16	Outside Tine Width (min spread)	mm	590 23.2
		in mm	23.2
	Tine Width (single tine)		
		in mm	7.1 90.0
	Tine Thickness	in	90.0 3.5
		ka	11300
	Tine Capacity	lbs	24905
		kg	24903
	Operating Weight	lbs	53835
		100	30000



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terra
 Payload (CEN EN 474-3 - Firm & Level
 Payload (CEN EN 474-3 - Firm & Level
 One-Static Tipping Load - Articulated

Static Tipping Load - Straight
 Hydraulic Tilt Capacity

-+ Hydraulic Lift Capa

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

(B) Pin Height (in)

Hinge (

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

#### Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
_		in	36.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	13665 30118
	Static Tipping Load - Articulated (Forks Level)	kg	11994
	Static Tipping Load - Anticulated (1 Sika Level)	lbs	26435
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5997 13217
		kg	7196
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	15861
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	9443
	· · · · · · · · · · · · · · · · · · ·	lbs mm	20812 9826
3	Maximum Overall Length	in	386.8
4	Reach with Forks at Ground Level	mm	1120
-		in	44.1
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-88 -3.5
		in mm	1728
6	Reach with Arms Horizontal and Forks Level	in	68.0
7	Reach with Fork at Maximum Height	mm	860
		in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1968 77.5
_	One we date Tage of Time of Maximum Unight and Facility and	mm	4052
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5565
		in mm	219.1 2377
11	Clearance at Full Lift and Max Dump	in	93.6
12	Max Discharge Angle from Horizontal	deg	47
-12			
13	Overall Carriage Width	mm in	2470 97.3
		mm	1603
14	Overall Carriage Height	in	63.1
15	Outside Tine Width (max spread)	mm	2366
		in	93.1
16	Outside Tine Width (min spread)	mm in	1002 39.4
	Tine Width (single tine)	mm	180.0
		in	7.1
	Tine Thickness	mm	90.0
		in kg	3.5 12600
	Tine Capacity	lbs	27770
	Operating Weight	kg	24202
	operating resigne	lbs	53341
	and the second sec		



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

Payload (SAE J1197) ad (CEN EN 474-3 - Rou d (CEN EN 474-3 - Firm & Level ng Load - Straigh -Hydraulic Tilt Capacity ulic Lift Car

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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#### Fork Specifications

	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	12453 27445
	Otatia Tianing Land. Articulated (Early Laure))	kg	10914
	Static Tipping Load - Articulated (Forks Level)	lbs	24055
	Rated Load (SAE J1197 - 50% FTSTL)	kg	5457
	, , , , , , , , , , , , , , , , , , ,	lbs	12027
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	6548 14433
		kg	7575
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16695
3	Maximum Overall Length	mm	10435
	maximum o fordal Eorigan	in	410.8
4	Reach with Forks at Ground Level	mm in	1121 44.1
		mm	-88
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
		in	68.0
7	Reach with Fork at Maximum Height	mm	861
	Ŭ	in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1968 77.5
	Conversion Tax of Time of Maximum Unight and Facility and	mm	4052
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5565
		in	219.1
11	Clearance at Full Lift and Max Dump	mm in	1932 76.1
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2470
		in	97.3
14	Overall Carriage Height	mm in	1603 63.1
		mm	2366
15	Outside Tine Width (max spread)	in	93.1
16	Outside Tine Width (min spread)	mm	1002
		in	39.4
	Tine Width (single tine)	mm	180.0
	,	in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tine Capacity	kg	10100
		lbs	22260
	Operating Weight	kg	24330
		lbs	53624



\*Negative values indicate below grade

Poyload (SAE J1197)
 Poyload (CEN EN 474.3 - Rough Terrail
 Poyload (CEN EN 474.3 - Rim & Level)
 -D-Static Toping Load - Articulated
 Static Toping Load - Straight
 -b-Hydraule: Tit Capacity
 -Hydraule: Lit Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJI L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Pin Height (in)

Hinge (B)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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#### Capacity (Ibs) (Calculated Load at CG Point)

Hinge (B) Pin Height (mm)

#### **Fork Specifications**

For	k Specifications			966 LOG	
1	Tine Length	mm in	2438 96.0	900 LUG	96'' Tine
2	Load Center	mm	1219 48.0	Pipe & Pole 3" Row, FUSION	365-1318
	Static Tipping Load - Straight (Forks Level)	kg Ibs	10803 23810		
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	9285 20465		
	Rated Load (SAE J1197 - 50% FTSTL)	kg lbs	4643 10232		
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg lbs	5571 12279		
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg lbs	6276 13833		
3	Maximum Overall Length	mm	10479 412.6		
4	Reach with Forks at Ground Level	mm	1164	<u> <u>Sanapina</u> Sanapina Sanapina</u>	
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in mm	45.8 -64 -2.5		
6	Reach with Arms Horizontal and Forks Level	in mm	1790	-7-	
7	Reach with Fork at Maximum Height	in mm	70.5 923		
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in mm	36.3 1993		
9	Ground to Top of Tine at Maximum Height and Fork Level	in mm	78.5		
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in mm	160.5 5539	6 00000	12
11	Clearance at Full Lift and Max Dump	in mm	218.1 1774	Contraction of the second	
12	Max Discharge Angle from Horizontal	in deg	69.9 51		
	Overall Carriage Width	mm	3131		9
	Overall Carriage Height	in mm	123.3 1553		2
	Outside Tine Width (max spread)	in mm	61.1 2991		
16	Outside Tine Width (min spread)	in 	<u>117.8</u> 2991		
	Tine Width (single tine)	in mm	200.0		
	Tine Thickness	in mm	7.9	<u>↓</u>	→ <sup>1</sup> 5
	Operating Weight	in kg	3.5 25869		
	Active-Clamp Tine Lift Capacity	lbs kg	57015 7621		
	Tine Capacity	lbs kg	16796 12701		
	*Negative values indicate below grade	lbs	27993		

\*Negative values indicate below grade

Active-Clamp Tine Capacit -Pavload (SAE J1 197) Payload (CEN EN 474-3 - Rough Terrain Payload (CEN EN 474-3 - Firm & Level) -Static Tipping Load - Articulated ---Static Tipping Load - Straight 

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fuldis, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on grim and leavel ground or tipping load on firm and level ground or hydraulic limit.

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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### Fork Specifications

	•		
1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
_		in kg	48.0 13277
	Static Tipping Load - Straight (Forks Level)	lbs	29262
	Static Tipping Load - Articulated (Forks Level)	kg	11401
		lbs	25128 5701
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	12564
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6841
		lbs	15077
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	9121 20103
3	Maximum Overall Length	mm	10479
		in	412.6
4	Reach with Forks at Ground Level	mm in	1164 45.8
		mm	-64
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm	1790
		in mm	70.5 923
7	Reach with Fork at Maximum Height	in	36.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1993
		in	78.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm in	4076 160.5
40	Oversell I leight of Foul at Full lift (top of comissions to prevent)	mm	5539
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	218.1
11	Clearance at Full Lift and Max Dump	mm in	1774
			69.9
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	3131
	5	in mm	123.3 1553
14	Overall Carriage Height	in	61.1
15	Outside Tine Width (max spread)	mm	2991
		in mm	<u>117.8</u> 2991
16	Outside Tine Width (min spread)	in	117.8
	Tine Width (single tine)	mm	200.0
		in	7.9
	Tine Thickness	mm in	90.0 3.5
	Operating Weight	kg	25869
		lbs	57015
	Active-Clamp Tine Lift Capacity	kg	7621
	·	lbs kg	16796 12701
	Tine Capacity	lbs	27993
	*Negative values indicate below grade		



\*Negative values indicate below grade

Active-Clamp Tine Lift Capacity
Payload (SAE J1197)
-Payload (CEN EN 474-3 - Rough Terra
-O-Static Tipping Load - Articulated
Static Tipping Load - Straight
<ul> <li>Underside Till Connecks</li> </ul>

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	11165 24608
	Static Tipping Load - Articulated (Forks Level)	kg	9653
		lbs ka	21275 4826
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10637
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5792
	, <b>,</b> ,	lbs kg	12765 7055
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	15549
3	Maximum Overall Length	mm	10479
		in	412.6
4	Reach with Forks at Ground Level	mm in	1164 45.8
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-64
	Ground to Bottom of The at Minimum Height and Fork Level	in	-2.5
6	Reach with Arms Horizontal and Forks Level	mm in	1790 70.5
7	Deach with Fault at Maximum Ulainht	mm	923
	Reach with Fork at Maximum Height	in	36.3
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1993 78.5
_	One we day Tang of Ting at Maximum Unight and Faster and	mm	4076
9	Ground to Top of Tine at Maximum Height and Fork Level	in	160.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	7074 278.5
		in mm	1774
11	Clearance at Full Lift and Max Dump	in	69.9
12	Max Discharge Angle from Horizontal	deg	51
13	Overall Carriage Width	mm	3131
	•	in mm	123.3 3088
14	Overall Carriage Height	in	121.6
15	Outside Tine Width (max spread)	mm	2991
		in mm	117.8 2991
16	Outside Tine Width (min spread)	in	117.8
	Tine Width (single tine)	mm	200.0
		in	7.9
	Tine Thickness	mm in	90.0 3.5
	Operating Weight	kg	25869
	operating weight	lbs	57015
	Tine Capacity	kg Ibs	12700 27991
	*Negative values indicate below grade	103	21001



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Tema
 Payload (CEN EN 474-3 - Firm & Level
 Payload (CEN EN 474-3 - Firm & Level
 Static Tipping Load - Articulated
 Static Tipping Load - Straight

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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Hinge (B) Pin Height

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Hinge (B) Pin Height (mm)



#### **Fork Specifications**

#### **Fork Specifications**

1	Tine length	mm	1609
	This length	in	63.3
2	Fork width	mm	2324
		in	91.5
	End area	m2	1.26
		ft2	14
3	Inside Height	mm	0
	(only applies to double top clamp)	in	0
4	Min. opening	mm	427
-	(only applies to millyard forks)	in	17
	Operating Weight	kg	25632
	Operating Weight	lbs	56509
5	Distance inside of tine tips	mm	1780
5		in	70
	Static tipping load, articulated	kg	12603
	Fork level	lbs	27785.7
	Static tipping load, straight	kg	14550
	Fork level	lbs	32077.8
6	Max. height of fork	mm	2843
0	(w/clamp open if applicable)	in	111.9
7	Clearance w/full lift, 45 deg dump	mm	2765
'	(if max. dump <> 45)	in	108.8
8		mm	3987
8	Clearance @ full lift fork level	in	157.0
9	Reach w/full lift, 45 deg dump	mm	1511
9	(if max. dump <> 45)	in	59.5
10	Reach w/lift arm horizontal and fork level	mm	3099
10	Reach whit and follzontal and for level	in	122.0
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-63
	Ground to Bottom of 100r at Minimum Height and 100r Lever	in	-2.5
12	Width over tines	mm	2286
12		in	90.0
13	Reach @ ground level	mm	2398
13	Reach @ ground level	in	94
14	Max. opening across tine and clamp	mm	2709
14	wax. opening across the and clamp	in	106.7
15	Overall height of fork @ full lift and	mm	6830
15	clamp open	in	268.9
16	Overall length	mm	9275
10	Tip of tine to rear of machine	in	365.2
17	Clearance @ full lift and max. dump	mm	2526
	Discharge (if <> 45)	in	99.5
18	Clearance w/horizontal lift arms and	mm	1903.2
10	fork level	in	74.9
40	Peace @ full lift and fark lavel	mm	2231.4
19	Reach @ full lift and fork level	in	87.8
20	Max, discharge angle from herizontal	deg	60
20	Max. discharge angle from horizontal	rad	1.0
	AND 10 1 1 1 1 1 1 1		



\*Negative values indicate below grade

--Payload (SAE J1197)

-O-Static Tipping Load - Articu

---Static Tipping Load - Straigh

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine length	mm	1609
	5	in	63.4
2	Fork width	mm	2498
		in	98.3
	End area	m2	1.91
		ft2	21
3	Inside Height	mm	1376
	(only applies to double top clamp)	in	54
4	Min. opening (only applies to millyard forks)	mm	N/A
	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	24875 54840
		lbs mm	1892
5	Distance inside of tine tips	in	74
	Static tipping load, articulated	kg	13196
	Fork level	lbs	29092.2
	Static tipping load, straight	kg	15125
	Fork level	lbs	33343.8
	Max, height of fork	mm	2943
6	(w/clamp open if applicable)	in	115.9
	Clearance w/full lift, 45 deg dump	mm	2859
7	(if max. dump <> 45)	in	112.5
_		mm	3981
8	Clearance @ full lift fork level	in	156.7
9	Reach w/full lift, 45 deg dump	mm	1409
9	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2960
10		in	116.5
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
	Ground to Bottom of 100 at Minimum Height and 100 Eever	in	-2.7
12	Width over tines	mm	2414
		in	95.0
13	Reach @ ground level	mm	2264
		in	89
14	Max. opening across tine and clamp	mm	2542
		in	100.1
15	Overall height of fork @ full lift and	mm	6925
	clamp open	in	272.6
16	Overall length	mm	9141
	Tip of tine to rear of machine	in	359.9
17	Clearance @ full lift and max. dump	mm	2862
	Discharge (if <> 45)	in	112.7
18	Clearance w/horizontal lift arms and fork level	mm	1897.7
	IUIKIEVEI	in	74.7
19	Reach @ full lift and fork level	mm	2092.8
		in	82.4
20	Max. discharge angle from horizontal	deg	45
		rad	0.8



\*Negative values indicate below grade

Payload (SAE J1197)

Payload (CEN EN 474-3 - Rough Terrain)
 Payload (CEN EN 474-3 - Firm & Level)

Static Tipping Load - Articulated

Static Tipping Load - Straight

- Hydraulic Tilt Capacity

+Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static



#### Fork Specifications

1       Inte Length       in       6         2       Load Center       in       3         Static Tipping Load - Straight (Forks Level)       kq       14         Static Tipping Load - Articulated (Forks Level)       kq       12         Rated Load (SAE J1197 - 50% FTSTL)       lbs       13         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       lbs       15         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       22         3       Maximum Overall Length       mm       9         4       Reach with Forks at Ground Level       mm       11         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       11         6       Reach with Fork at Maximum Height       mm       33         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       16         10       Overall Height of Fork at Full Lift (top of carriage to ground)       in       35         11       Clearance at Full Lift				
2       Load Center       in       3         3       Static Tipping Load - Straight (Forks Level)       lbs       31         Static Tipping Load - Articulated (Forks Level)       lbs       31         Static Tipping Load - Articulated (Forks Level)       lbs       31         Rated Load (SAE J1197 - 50% FTSTL)       lbs       13         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       lbs       16         3       Maximum Overall Length       mm       9         4       Forsound to Bottom of Tine at Minimum Height and Fork Level       mm       14         5       *Ground to Bottom of Tine at Maximum Height       mm       16         7       9       Ground to Top of Tine at Maximum Height and Fork Level       in       17         9       Ground to Top of Tine at Maximum Height and Fork Level       in       16         10       Overall Carriage Midth       in       26	1	Tine Length		1524 60.0
Static Tipping Load - Straight (Forks Level)       Ids 31         Static Tipping Load - Articulated (Forks Level)       Ibs 31         Static Tipping Load - Articulated (Forks Level)       Ibs 27         Rated Load (SAE J1197 - 50% FTSTL)       Ibs 13         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       Ibs 16         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       Ibs 16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       Ibs 22         3 Maximum Overall Length       mm 92         4 Reach with Forks at Ground Level       mm 11         5 *Ground to Bottom of Tine at Minimum Height and Fork Level       in - 4         6 Reach with Fork at Maximum Height       mm 40         in 6       7 Reach with Fork at Maximum Height       mm 40         9 Ground to Top of Tine with Arms Horizontal and Fork Level       in 15         10 Overall Height of Fork at Full Lift (top of carriage to ground)       im 22         11 Clearance at Full Lift and Max Dump       in 02         12 Max Discharge Angle from Horizontal       deg         14 Overall Carriage Width       im 62         15 Outside Tine Width (max spread)       im 72         16 Outside Tine Width (min spread)       im 73         7 Tine Thickness       in 73         7 Tine Capacity       is 33 </th <th>2</th> <th>Load Center</th> <th>mm</th> <th>762</th>	2	Load Center	mm	762
Static Tipping Load - Straight (Forks Level)       Ibs 31         Static Tipping Load - Articulated (Forks Level)       kg 12         Rated Load (SAE J1197 - 50% FTSTL)       kg 66         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       kg 77         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       kg 10         Ibs 13       Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       kg 10         Ibs 22       Maximum Overall Length       mm 74         * Reach with Forks at Ground Level       mm 74         * Ground to Bottom of Tine at Minimum Height and Fork Level       mm 74         * Ground to Bottom of Tine at Maximum Height       in 33         8 Ground to Top of Tine with Arms Horizontal and Fork Level       mm 16         9 Ground to Top of Tine at Maximum Height and Fork Level       in 75         9 Ground to Top of Tine at Maximum Height and Fork Level       in 16         10 Overall Height of Fork at Full Lift (top of carriage to ground)       in 21         11 Clearance at Full Lift and Max Dump       in 62         13 Overall Carriage Height       in 62         14 Overall Carriage Height       in 62         15 Outside Tine Width (max spread)       in 82         16 Outside Tine Width (min spread)       in 72         7 Tine Thickness       in 73				30.0 14329
State Tipping Load - Articulated (Forks Level)       Ibs 27         Rated Load (SAE J1197 - 50% FTSTL)       Ibs 16         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       Ibs 16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       Ibs 22         3 Maximum Overall Length       im 37         4 Reach with Forks at Ground Level       mm 4         5 *Ground to Bottom of Tine at Minimum Height and Fork Level       mm 7         6 Reach with Fork at Maximum Height       mm 8         7 Reach with Fork at Maximum Height       in 33         8 Ground to Top of Tine at Maximum Height and Fork Level       im 7         9 Ground to Top of Tine with Arms Horizontal and Fork Level       in 16         10 Overall Height of Fork at Full Lift (top of carriage to ground)       in 22         11 Clearance at Full Lift and Max Dump       mm 22         13 Overall Carriage Height       in 6         14 Overall Carriage Height       in 6         15 Outside Tine Width (max spread)       mm 17         16 Outside Tine Width (min spread)       in 7         7 Tine Thickness       in 7         9 Tine Capacity       is 35		Static Tipping Load - Straight (Forks Level)		31582
Rated Load (SAE J1197 - 50% FTSTL)       Ibs       13         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       Ibs       13         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       Ibs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       Ibs       22         3 Maximum Overall Length       mm       7         4 Reach with Forks at Ground Level       mm       11         5 *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       11         6 Reach with Fork at Maximum Height       mm       8         7 Reach with Fork at Maximum Height       mm       8         8 Ground to Top of Tine with Arms Horizontal and Fork Level       mm       16         9 Ground to Top of Tine at Maximum Height and Fork Level       mm       5         10 Overall Height of Fork at Full Lift (top of carriage to ground)       in       21         11 Clearance at Full Lift and Max Dump       mm       26         13 Overall Carriage Height       in       8         14 Overall Carriage Height       in       8         16 Outside Tine Width (max spread)       in       8         17 Tine Thickness       in       38         7 Tine Thickness       in       38         9 Constatin		Static Tipping Load - Articulated (Forks Level)		12586 27740
Ibs       13         Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)       Ibs       16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       Ibs       16         3       Maximum Overall Length       mm       92         3       Maximum Overall Length       mm       92         4       Reach with Forks at Ground Level       mm       17         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       -         6       Reach with Arms Horizontal and Forks Level       mm       -         7       Reach with Fork at Maximum Height       mm       68         7       Reach with Fork at Maximum Height       mm       74         9       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       74         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       47         10       Overall Height of Fork at Full Lift (top of carriage to ground)       in       75         11       Clearance at Full Lift and Max Dump       mm       22       11         12       Max Discharge Angle from Horizontal       deg       47         13       Overall Carriage Height       mm       16       16         14		Pated Load (SAE 11107 50% ETSTL)		6293
Rated Load (CEN EN 474-3 Kough Terrain - 50% FTSTL)       Ibs 16         Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       kq 10         Baximum Overall Length       mm 99         Maximum Overall Length       mm 11         Faced with Forks at Ground Level       mm 12         Reach with Forks at Ground Level       mm 12         Reach with Forks at Ground Level       mm 12         Reach with Fork at Maximum Height and Fork Level       mm 62         In       4         S Ground to Bottom of Tine at Minimum Height       mm 63         Reach with Fork at Maximum Height       mm 74         G Ground to Top of Tine with Arms Horizontal and Fork Level       mm 40         In       7         9 Ground to Top of Tine at Maximum Height and Fork Level       mm 55         10 Overall Height of Fork at Full Lift (top of carriage to ground)       in 21         11 Clearance at Full Lift and Max Dump       mm 22         13 Overall Carriage Height       mm 72         14 Overall Carriage Height       mm 72         15 Outside Tine Width (max spread)       mm 72         16 Outside Tine Width (min spread)       in 33         Tine Thickness       in 73         7 Tine Thickness       in 73         7 Tine Capacity       ks 35		Rated Load (SAE 31197 - 30 % F131E)		13870
Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)       kg 10 lbs 22         3 Maximum Overall Length       mm 37         4 Reach with Forks at Ground Level       mm 4         5 *Ground to Bottom of Tine at Minimum Height and Fork Level       mm 7         6 Reach with Fork at Maximum Height       mm 7         7 Reach with Fork at Maximum Height       mm 7         8 Ground to Top of Tine with Arms Horizontal and Fork Level       mm 11         9 Ground to Top of Tine with Arms Horizontal and Fork Level       mm 18         10 Overall Height of Fork at Full Lift (top of carriage to ground)       mm 22         11 Clearance at Full Lift and Max Dump       mm 22         13 Overall Carriage Height       in 8         14 Overall Carriage Height       in 6         15 Outside Tine Width (max spread)       mm 12         16 Outside Tine Width (min spread)       in 8         17 Tine Thickness       in 8         18 Outside Tine Width (min spread)       in 8         16 Outside Tine Width (single tine)       mm 9         Tine Thickness       in 7         9 Tine Capacity       kg 15         0 Operating Weight       kg 15		Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)		7552 16644
3       Maximum Overall Length       mm       92         3       Maximum Overall Length       mm       10         4       Reach with Forks at Ground Level       mm       11         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       11         6       Reach with Arms Horizontal and Forks Level       mm       16         7       Reach with Fork at Maximum Height       in       6         7       Reach with Fork at Maximum Height       in       3         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       16         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       17         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       22         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       22         11       Clearance at Full Lift and Max Dump       mm       24         13       Overall Carriage Angle from Horizontal       deg       24         14       Overall Carriage Height       in       6         15       Outside Tine Width (max spread)       mm       16         16       Outside Tine Width (min spread)       in       38		Rated Load (CEN EN 474-3 Firm and Level Ground - 80% ETSTL)		10069
3       Maximum Overall Length       in       37         4       Reach with Forks at Ground Level       mm       17         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       17         6       Reach with Arms Horizontal and Forks Level       mm       17         7       Reach with Arms Horizontal and Forks Level       mm       16         7       Reach with Fork at Maximum Height       mm       68         7       Reach with Fork at Maximum Height       mm       68         7       Reach with Fork at Maximum Height       mm       16         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       17         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       58         10       Overall Height of Fork at Full Lift (top of carriage to ground)       in       21         11       Clearance at Full Lift and Max Dump       mm       22         12       Max Discharge Angle from Horizontal       deg       42         13       Overall Carriage Height       in       66         14       Overall Carriage Height       in       66         15       Outside Tine Width (min spread)       in       33				22192 9521
4       Reach with Forks at Ground Level       mm       1:         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm       4:         6       Reach with Arms Horizontal and Forks Level       mm       7:         6       Reach with Fork at Maximum Height       mm       7:         7       Reach with Fork at Maximum Height       mm       1:         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       1:         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       4:         10       Overall Height of Fork at Full Lift (top of carriage to ground)       in       2:         11       Clearance at Full Lift and Max Dump       in       1:       1:         12       Max Discharge Angle from Horizontal       deg       2:       1:       8:         14       Overall Carriage Width       in       6:       1:       6:       1:       1:       1:       1:       6:       1:       6:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:       1:<	3	Maximum Overall Length		374.8
in       4         5       *Ground to Bottom of Tine at Minimum Height and Fork Level       mm         6       Reach with Arms Horizontal and Forks Level       mm         7       Reach with Fork at Maximum Height       mm         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       11         9       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       44         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       22         11       Clearance at Full Lift and Max Dump       mm       22         11       Clearance at Full Lift and Max Dump       in       8         12       Max Discharge Angle from Horizontal       deg       4         13       Overall Carriage Height       mm       16         14       Overall Carriage Height       in       8         16       Outside Tine Width (max spread)       mm       18         16       Outside Tine Width (min spread)       in       3         Tine Thickness       in       3       3       1         7       Tine Capacity       kg       25	4	Reach with Forks at Ground Level	mm	1120
5       Coround to Bottom of Time at Minimum Height and Pork Level       in				<u>44.1</u> -88
6       Reach with Arms Horizontal and Forks Level       mm       11         7       Reach with Fork at Maximum Height       mm       8         7       Reach with Fork at Maximum Height       mm       8         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       7         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       7         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       76         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       76         11       Clearance at Full Lift and Max Dump       mm       72         12       Max Discharge Angle from Horizontal       deg       62         13       Overall Carriage Height       mm       76         14       Overall Carriage Height       mm       76         15       Outside Tine Width (max spread)       mm       76         16       Outside Tine Width (min spread)       in       71         17       Tine Thickness       in       76         18       Operating Weight       kg       25	5	*Ground to Bottom of Tine at Minimum Height and Fork Level		-00 -3.5
in       66         7       Reach with Fork at Maximum Height       mm       8         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       10         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       40         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       26         11       Clearance at Full Lift and Max Dump       mm       22         12       Max Discharge Angle from Horizontal       deg       44         13       Overall Carriage Width       mm       22         14       Overall Carriage Height       mm       16         15       Outside Tine Width (max spread)       mm       17         16       Outside Tine Width (min spread)       in       7         Tine Thickness       in       7       7         Tine Capacity       kg       15       33         Operating Weight       kg       15       33	6	Reach with Arms Horizontal and Forks Level	mm	1728
7       Reach with Fork at Maximum Height       in       3         8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       16         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       40         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       52         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       52         11       Clearance at Full Lift and Max Dump       mm       22         12       Max Discharge Angle from Horizontal       deg       42         13       Overall Carriage Width       mm       22         14       Overall Carriage Height       mm       16         15       Outside Tine Width (max spread)       in       33         16       Outside Tine Width (min spread)       in       7         17       Tine Thickness       in       33         18       Operating Weight       kg       24				68.0
8       Ground to Top of Tine with Arms Horizontal and Fork Level       mm       11         9       Ground to Top of Tine at Maximum Height and Fork Level       mm       47         9       Ground to Top of Tine at Maximum Height and Fork Level       in       75         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       52         11       Clearance at Full Lift and Max Dump       mm       22         12       Max Discharge Angle from Horizontal       deg       42         13       Overall Carriage Width       mm       22         14       Overall Carriage Height       in       8         14       Overall Carriage Height       in       6         15       Outside Tine Width (max spread)       mm       18         16       Outside Tine Width (min spread)       in       33         Tine Width (single tine)       in       19       10         Tine Thickness       in       33       33       33         Tine Capacity       kg       24       34       35         Operating Weight       Kg       24       34	7	Reach with Fork at Maximum Height		860 33.9
in       in         9       Ground to Top of Tine at Maximum Height and Fork Level       in         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       24         11       Clearance at Full Lift and Max Dump       mm       24         11       Clearance at Full Lift and Max Dump       mm       24         12       Max Discharge Angle from Horizontal       deg       24         13       Overall Carriage Width       mm       22         14       Overall Carriage Height       in       6         15       Outside Tine Width (max spread)       mm       16         16       Outside Tine Width (min spread)       in       7         Tine Thickness       in       7       1       1         7       Tine Capacity       kg       24         9       Operating Weight       kg       24	8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1968
9       Ground to Top of The at Maximum Height and Pork Level       in       15         10       Overall Height of Fork at Full Lift (top of carriage to ground)       mm       56         11       Clearance at Full Lift and Max Dump       mm       26         12       Max Discharge Angle from Horizontal       deg       4         13       Overall Carriage Width       in       83         14       Overall Carriage Height       mm       16         15       Outside Tine Width (max spread)       mm       16         16       Outside Tine Width (min spread)       in       37         Tine Width (single tine)       in       7       1         Tine Capacity       kg       15       33				77.5 4052
10       Overall Height of Fork at Full Lift (top of carriage to ground)       in       21         11       Clearance at Full Lift and Max Dump       mm       22         12       Max Discharge Angle from Horizontal       deg       4         13       Overall Carriage Width       in       8         14       Overall Carriage Height       mm       16         15       Outside Tine Width (max spread)       in       8         16       Outside Tine Width (min spread)       in       7         Tine Width (single tine)       in       7       1         Tine Capacity       kg       15       35         Operating Weight       kg       24	9	Ground to Top of Tine at Maximum Height and Fork Level		159.5
11       Clearance at Full Lift and Max Dump       mm 22         12       Max Discharge Angle from Horizontal       deg         13       Overall Carriage Width       mm 22         14       Overall Carriage Height       in 8         14       Overall Carriage Height       in 8         16       Outside Tine Width (max spread)       mm 18         16       Outside Tine Width (min spread)       mm 18         Tine Width (single tine)       in 73         Tine Thickness       mm 9         Tine Capacity       kg       25         Operating Weight       kg       25	10	Overall Height of Fork at Full Lift (top of carriage to ground)		5562
11     Clearance at Full Lift and Max Dump     in     10       12     Max Discharge Angle from Horizontal     deg     4       13     Overall Carriage Width     mm     2'       14     Overall Carriage Height     mm     16       15     Outside Tine Width (max spread)     mm     16       16     Outside Tine Width (min spread)     mm     17       Tine Width (single tine)     mm     18       16     Outside Tine Width (min spread)     in     33       Tine Thickness     mm     9       Tine Capacity     kg     15       Operating Weight     kg     24		,		219.0 2600
13         Overall Carriage Width         mm         22'           14         Overall Carriage Height         mm         6           15         Outside Tine Width (max spread)         mm         10'           16         Outside Tine Width (min spread)         mm         11'           17         Tine Width (single tine)         mm         11'           18         Tine Capacity         in         3'           19         Operating Weight         kg         15'	11	Clearance at Full Lift and Max Dump		102.4
13         Overall Carriage Width         in         8           14         Overall Carriage Height         mm         16           15         Outside Tine Width (max spread)         mm         20           16         Outside Tine Width (min spread)         mm         17           Tine Width (single tine)         mm         9         1           Tine Thickness         mm         9         1           Tine Capacity         kg         15         35           Operating Weight         kg         24	12	Max Discharge Angle from Horizontal	deg	47
13         Overall carriage Width         in         8           14         Overall Carriage Height         mm         16           15         Outside Tine Width (max spread)         mm         17           16         Outside Tine Width (min spread)         mm         17           Tine Width (single tine)         mm         17           Tine Width (single tine)         in         37           Tine Capacity         kg         15           Operating Weight         kg         24			mm	2176
is         Overall call lage Reight         in         6.           15         Outside Tine Width (max spread)         mm         22           16         Outside Tine Width (min spread)         mm         16           17         Tine Width (single tine)         mm         16           18         Tine Width (single tine)         mm         17           Tine Thickness         mm         9         in         7           Tine Capacity         kg         15         35           Operating Weight         kg         24         15	13	Overall Carriage Width		85.7
15         Outside Tine Width (max spread)         mm         22           16         Outside Tine Width (min spread)         mm         16           Tine Width (single tine)         mm         18           Tine Width (single tine)         mm         17           Tine Thickness         mm         9           Tine Capacity         kg         15           Operating Weight         kg         25	14	Overall Carriage Height		1601 63.0
15         Outside Tine Width (max spread)         in         8           16         Outside Tine Width (min spread)         mm         10           17         Tine Width (single tine)         mm         9           18         Tine Thickness         mm         9           19         Tine Capacity         kg         15           19         Operating Weight         kg         24				2084
16         Outside Time Width (min spread)         in         3           Tine Width (single tine)         mm         18           Tine Thickness         mm         9           Tine Thickness         in         3           Tine Capacity         kg         15           Operating Weight         kg         24	15	Outside Tine Width (max spread)		82.0
Tine Width (single tine)         mm         18           Tine Thickness         mm         9           Tine Capacity         kg         15           Operating Weight         kg         24	16	Outside Tine Width (min spread)		1002 39.4
Ine Width (single tine)         in         7           Tine Thickness         mm         9           in         3         3           Tine Capacity         lbs         35           Operating Weight         kg         24				180.0
Ine Inconess         in         3           Tine Capacity         kg         15         35           Operating Weight         kg         24		i ine wiath (single tine)	in	7.1
Tine Capacity         kg         15           Operating Weight         kg         24		Tine Thickness		90.0
Operating Weight kg 24				3.5
				35057
lbs 53		Operating Weight		24120
		· · · ·	IDS	53161



\*Negative values indicate below grade

Payload (SAE J1197) ad (CEN EN 474-3 - Ro d (CEN EN 474-3 - Firm & Level ng Load - Arti ng Load - Straigh -Hydraulic Tilt Capacity ulic Lift Car

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (kg) (Calculated Load at CG Point)

# Hinge (B) Pin Height (mm)



#### **Fork Specifications**

1	Tine Length	mm in	1829 72.0
2	Load Center	mm	915
		in	36.0 13653
	Static Tipping Load - Straight (Forks Level)	kg Ibs	30091
	Static Tipping Load - Articulated (Forks Level)	kg	11985
		lbs	26415
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	5992 13207
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	7191
	, <b>,</b> ,	lbs	15849
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	9398 20714
3	Maximum Overall Length	mm	9826
		in	386.8
4	Reach with Forks at Ground Level	mm	1120
		in mm	<u>44.1</u> -88
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.5
6	Reach with Arms Horizontal and Forks Level	mm	1728
		in	68.0
7	Reach with Fork at Maximum Height	mm	860 33.9
		in mm	1968
8	Ground to Top of Tine with Arms Horizontal and Fork Level	in	77.5
9	Ground to Top of Tine at Maximum Height and Fork Level	mm	4052
		in mm	159.5 5562
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	219.0
11	Clearance at Full Lift and Max Dump	mm	2377
		in	93.6
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2176
		in	85.7
14	Overall Carriage Height	mm in	1601 63.0
		mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
		in	39.4
	Tine Width (single tine)	mm in	180.0 7.1
	Tine Thickness	mm	90.0
		in	3.5
	Tine Capacity	kg	12600
		lbs kg	27770
	Operating Weight	lbs	53297



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (SAE J1197)
 Payload (CEN EN 474-3 - Ring A format
 Payload (CEN EN 474-3 - Ring & Level
 -Batic Tipping Load - Articulated
 -Static Tipping Load - Articulated
 -Static Tipping Load - Straight
 -d-Hydraulic Tit Capacity
 -Hydraulic Tit Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Pin Height (in)

Hinge (B)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (Ibs) (Calculated Load at CG Point)

#### Fork Specifications

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in	48.0
	Static Tipping Load - Straight (Forks Level)	kg Ibs	12443 27425
	Static Tipping Load - Articulated (Forks Level)	kg	10907
		lbs	24040 5454
	Rated Load (SAE J1197 - 50% FTSTL)	kg Ibs	12020
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg Ibs	6544 14424
		kg	7545
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	16630
3	Maximum Overall Length	mm	10435
		in	410.8
4	Reach with Forks at Ground Level	mm	1121
		in mm	<u>44.1</u> -88
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	in	-3.5
	Dearb with Americantel and Farlin Laws	mm	1728
6	Reach with Arms Horizontal and Forks Level	in	68.0
7	Reach with Fork at Maximum Height	mm	861
		in	33.9
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1968 77.5
		mm	4052
9	Ground to Top of Tine at Maximum Height and Fork Level	in	159.5
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5562
		in	219.0
11	Clearance at Full Lift and Max Dump	mm	1932
		in	76.1
12	Max Discharge Angle from Horizontal	deg	47
13	Overall Carriage Width	mm	2176
		in	85.7
14	Overall Carriage Height	mm in	1601 63.0
		mm	2084
15	Outside Tine Width (max spread)	in	82.0
16	Outside Tine Width (min spread)	mm	1002
-10		in	39.4
	Tine Width (single tine)	mm	180.0
		in mm	7.1 90.0
	Tine Thickness	in	3.5
	Tino Canacity	kg	10100
	Tine Capacity	lbs	22260
	Operating Weight	kg	24310
	-1 - 5 - 5	lbs	53579



\*Negative values indicate below grade

Payload (SAE J1197) ad (CEN EN 474-3 - Ro d (CEN EN 474-3 - Firm & Level a Load - Straigh -Hydraulic Tilt Capacity lic Lift Car

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and leavel ground or tipping load on firm and level ground or hydraulic limit.

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Capacity (kg) (Calculated Load at CG Point)

Hinge (B) Pin Height (mm)



#### **Fork Specifications**

1	Tine Length	mm	2438	90
	5	in	96.0	-
2	Load Center	mm	1219	Pipe & Pole
		in kg	48.0 11511	
	Static Tipping Load - Straight (Forks Level)	lbs	25370	
		ka	9950	-
	Static Tipping Load - Articulated (Forks Level)	lbs	21930	
		kg	4975	-
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	10965	1
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	5970	
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	13158	
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg	7960	
	Nated Eoad (OEN EN 474-51 IIII and Eevel Oround - 00 % 1101E)	lbs	17544	
3	Maximum Overall Length	mm	10406	
	maaman oforan Longar	in	409.7	
4	Reach with Forks at Ground Level	mm	1091	
		in	42.9	
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-109	<b>←−−−15</b> −
		in	-4.3	
6	Reach with Arms Horizontal and Forks Level	mm	1682	
		in	66.2	
7	Reach with Fork at Maximum Height	mm	815	
		in	32.1	
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm in	1947 76.7	
		mm	4031	
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.7	4.
		mm	5493	
10	Overall Height of Fork at Full Lift (top of carriage to ground)	in	216.3	h
		mm	2016	
11	Clearance at Full Lift and Max Dump	in	79.4	
40	May Discharge Angle from Herizontal			
12	Max Discharge Angle from Horizontal	deg	45	
42	Overell Corrigge Width	mm	3131	
13	Overall Carriage Width	in	123.3	
14	Overall Carriage Height	mm	1553	
		in	61.1	
15	Outside Tine Width (max spread)	mm	2991	
		in	117.8	
16	Outside Tine Width (min spread)	mm	2991	
		in	117.8	
	Tine Width (single tine)	mm	200.0	
	、 <b>J</b> =/	in	7.9	·
	Tine Thickness	mm	90.0	
		in	3.5	- '
	Operating Weight	kg	25315	
		lbs	55794	-
	Active-Clamp Tine Lift Capacity	kg	7621	
		lbs	16796	-
	Tine Capacity	kg	12701	
		lbs	27993	-
	*Negative values indicate below grade			



\*Negative values indicate below grade

Active-Clamp Time Capacity
 P-Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Tensin
 P-Payload (CEN EN 474-3 - Firm & Lovel)
 -0-Static Tipping Load - Attractated
 --Static Tipping Load - Straight
 --I-Hydradic (TB Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fulids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.



WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0
	Static Tipping Load - Straight (Forks Level)	lbs	31377
	Static Tipping Load - Articulated (Forks Level)	kg Ibs	12295 27098
	Rated Load (SAE J1197 - 50% FTSTL)	kg	6147
	· · · · · · · · · · · · · · · · · · ·	lbs kg	13549 7377
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	lbs	16259
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	kg Ibs	9836 21678
3	Maximum Overall Length	mm	10406
	Ū.	in mm	409.7 1091
4	Reach with Forks at Ground Level	in	42.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-109 -4.3
6	Reach with Arms Horizontal and Forks Level	in mm	1682
6	Reach with Arms Horizontal and Forks Level	in	66.2
7	Reach with Fork at Maximum Height	mm in	815 32.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1947
	•	in mm	76.7 4031
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	5493
		in mm	216.3 2016
11	Clearance at Full Lift and Max Dump	in	79.4
12	Max Discharge Angle from Horizontal	deg	45
13	Overall Carriage Width	mm in	3131 123.3
14	Overall Carriage Height	mm	1553
		in	61.1 2991
15	Outside Tine Width (max spread)	mm in	117.8
16	Outside Tine Width (min spread)	mm	2991
		in mm	117.8 200.0
	Tine Width (single tine)	in	7.9
	Tine Thickness	mm in	90.0 3.5
	Operating Weight	kg	25315
		lbs	55794 7621
	Active-Clamp Tine Lift Capacity	kg Ibs	16796
	Tine Capacity	kg	12701
		lbs	27993
	*Negative values indicate below grade		



Negative values indicate below grade

imp Tine Lift C -Payload (SAE J1197) -Payload (CEN EN 474-3 - Rough T -O-Static Tipping Load - Artic

---Static Tipping Load - Straight

-A-Hydraulic Tilt Capacit + Hydraulic Lift Capacit

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load or pruch terrain or tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization





WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

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WARNING: When clamp is continuously supplied with 15513 kPa (2250 psi), tine rating is 7621 kg (16796 lbs.) at 1219 mm (48") load center per pair.

#### **Fork Specifications**

1	Tine Length	mm in	2438 96.0
2	Load Center	mm	1219
		in kg	48.0 11865
	Static Tipping Load - Straight (Forks Level)	lbs	26151
	Static Tipping Load - Articulated (Forks Level)	kg	10310
		lbs kg	22724 5155
	Rated Load (SAE J1197 - 50% FTSTL)	lbs	11362
	Rated Load (CEN EN 474-3 Rough Terrain - 60% FTSTL)	kg	6186
	,	lbs kg	13634 8248
	Rated Load (CEN EN 474-3 Firm and Level Ground - 80% FTSTL)	lbs	18179
3	Maximum Overall Length	mm	10406
	maximum o roran zongan	in	409.7
4	Reach with Forks at Ground Level	mm in	1091 42.9
5	*Ground to Bottom of Tine at Minimum Height and Fork Level	mm	-109
- 5	Ground to Bottom of The at Minimum Height and Fork Level	in	-4.3
6	Reach with Arms Horizontal and Forks Level	mm in	1682 66.2
-		mm	815
7	Reach with Fork at Maximum Height	in	32.1
8	Ground to Top of Tine with Arms Horizontal and Fork Level	mm	1947
	· · · · · · · · · · · · · · · · · · ·	in mm	76.7
9	Ground to Top of Tine at Maximum Height and Fork Level	in	158.7
10	Overall Height of Fork at Full Lift (top of carriage to ground)	mm	7103
		in mm	279.7 2016
11	Clearance at Full Lift and Max Dump	in	79.4
12	Max Discharge Angle from Horizontal	deg	45
			3131
13	Overall Carriage Width	mm in	123.3
14	Overall Carriage Height	mm	3163
		in	124.5
15	Outside Tine Width (max spread)	mm in	2991 117.8
40	Quality Time (Midth (min anned)	mm	2991
16	Outside Tine Width (min spread)	in	117.8
	Tine Width (single tine)	mm	200.0
	and and a	in mm	7.9 90.0
	Tine Thickness	in	3.5
	Operating Weight	kg	25315
		lbs	55794 12701
	Tine Capacity	kg Ibs	27993



\*Negative values indicate below grade

-Pavload (SAE J1197) ad (CEN EN 474-3 - Rough CEN EN 474-3 - Firm & Le na Load - Artic ing Load - Straigh 

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

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Hinge (B) Pin Height

+ Hydraulic Lift Capacity

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 47-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)



WARNING: Do not exceed tine load capacity. Individual tine capacity is stamped on the side of each tine.

Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

#### **Fork Specifications**

1	Tine length	mm	1221
	The lengur	in	48.1
2	Fork width	mm	1943
-		in	76.5
	End area	m2	3.1
		ft2	33
3	Inside Height	mm	0
5	(only applies to double top clamp)	in	0
4	Min. opening	mm	1390
-	(only applies to millyard forks)	in	55
	Operating Weight	kg	24892
	Operating weight	lbs	54877
5	Distance inside of tine tips	mm	1402
5	Distance inside of time tips	in	55
	Static tipping load, articulated	kg	12221
	Fork level	lbs	26942.2
	Static tipping load, straight	kg	14033
	Fork level	lbs	30937.5
6	Max. height of fork	mm	3762
0	(w/clamp open if applicable)	in	148.1
7	Clearance w/full lift, 45 deg dump	mm	3086
	(if max. dump <> 45)	in	121.5
8	Clearance @ full lift fork level	mm	3925
		in	154.5
9	Reach w/full lift, 45 deg dump	mm	1103
	(if max. dump <> 45)	in	43.4
10	Reach w/lift arm horizontal and fork level	mm	2584
		in	101.7
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-125
	g	in	-4.9
12	Width over tines	mm	1938
		in	76.3
13	Reach @ ground level	mm	1934
	6.	in	76
14	Max. opening across tine and clamp	mm	3465
		in	136.4
15	Overall height of fork @ full lift and	mm	7687
	clamp open	in	302.7
16	Overall length	mm	8810
	Tip of tine to rear of machine	in	346.9
17	Clearance @ full lift and max. dump	mm	3088
	Discharge (if <> 45)	in	121.6
18	Clearance w/horizontal lift arms and	mm	1842.0
	fork level	in	72.5
19	Reach @ full lift and fork level	mm	1716.2
	<u> </u>	in	67.6
20	Max. discharge angle from horizontal	deg	45
		rad	0.8



\*Negative values indicate below grade

Payload (SAE J1197)
 Payload (CEN EN 474-3 - Rough Terr
 Payload (CEN EN 474-3 - Firm & Levo

-O-Static Tipping Load - Articulat

- ---Static Tipping Load Straig
- -A-Hydraulic Tilt Capaci

----Hydraulic Lift Capacity

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator. Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (lbs) (Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine length	mm	1611
-		in	63.4
2	Fork width	mm	2500
-		in	98.4
	End area	m2	1.42
		ft2	15
3	Inside Height	mm	1259
	(only applies to double top clamp)	in	50
4	Min. opening	mm	N/A
	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	24840
		lbs	54762
5	Distance inside of tine tips	mm	1892
		in	74
	Static tipping load, articulated	kg	13809
	Fork level	lbs	30443.1
	Static tipping load, straight	kg	15820
	Fork level	lbs	34876.0
6	Max. height of fork	mm	2700
	(w/clamp open if applicable)	in	106.3
7	Clearance w/full lift, 45 deg dump	mm	2857
	(if max. dump <> 45)	in	112.5
8	Clearance @ full lift fork level	mm	3981
	•	in	156.7
9	Reach w/full lift, 45 deg dump	mm	1410
	(if max. dump <> 45)	in	55.5
10	Reach w/lift arm horizontal and fork level	mm	2962
		in	116.6
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	mm	-69
		in	-2.7
12	Width over tines	mm	2414
		in	95.0
13	Reach @ ground level	mm	2267
		in	89
14	Max. opening across tine and clamp	mm	2493
	Querell beinde effection @ full life and	in	98.1
15	Overall height of fork @ full lift and	mm	6680
	clamp open	in	263.0
16	Overall length	mm	9143
	Tip of tine to rear of machine	in	360.0
17	Clearance @ full lift and max. dump	mm	2861
	Discharge (if <> 45)	in	112.6
18	Clearance w/horizontal lift arms and fork level	mm	1897.5
		in	74.7
19	Reach @ full lift and fork level	mm	2094.8
		in	82.5
20	Max. discharge angle from horizontal	deg	45
		rad	0.8
	*Negative velues indicate below grade		



\*Negative values indicate below grade

----Payload (SAE J1197) -----Payload (CEN EN 474-3 - Rough T

------Payload (CEN EN 474-3 - Firm & Level

-O-Static Tipping Load - Articulated

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Pin Height (in)

Hinge (B)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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(Calculated Load at CG Point)

Capacity (kg) (Calculated Load at CG Point)

#### **Fork Specifications**

#### **Fork Specifications**

1	Tine length	mm	1611
	The lengur	in	63.4
2	Fork width	mm	2500
		in	98.4
	End area	m2	1.42
		ft2	15
3	Inside Height	mm	1259
	(only applies to double top clamp)	in	50
4	Min. opening	mm	N/A
	(only applies to millyard forks)	in	N/A
	Operating Weight	kg	25114
		lbs	55367
5	Distance inside of tine tips	mm	1892
		in	74
	Static tipping load, articulated	kg	13562
	Fork level	lbs	29899.3
	Static tipping load, straight	kg	15573
	Fork level	lbs	34332.4
6	Max. height of fork (w/clamp open if applicable)	mm in	2700
	Clearance w/full lift, 45 deg dump		106.3 2857
7	(if max. dump <> 45)	mm in	2857
	(ii max. dump <> 45)	mm	3981
8	Clearance @ full lift fork level	in	156.7
	Reach w/full lift, 45 deg dump	mm	1410
9	(if max. dump <> 45)	in	55.5
		mm	2962
10	Reach w/lift arm horizontal and fork level	in	116.6
		mm	-69
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-2.7
40	Marialah ang Alina a	mm	2414
12	Width over tines	in	95.0
13	Baseh @ ground lovel	mm	2267
13	Reach @ ground level	in	89
14	Max. opening across tine and clamp	mm	2493
14	Max. Opening across the and clamp	in	98.1
15	Overall height of fork @ full lift and	mm	6680
	clamp open	in	263.0
16	Overall length	mm	9143
	Tip of tine to rear of machine	in	360.0
17	Clearance @ full lift and max. dump	mm	2861
	Discharge (if <> 45)	in	112.6
18	Clearance w/horizontal lift arms and	mm	1897.5
	fork level	in	74.7
19	Reach @ full lift and fork level	mm	2094.8
	0	in	82.5
20	Max. discharge angle from horizontal	deg	45
		rad	0.8
	*Negative velues indicate below grade		



\*Negative values indicate below grade

--Payload (SAE J1197)

- Payload (CEN EN 474-3 - Firm & Level

- Janic ripping Load - An

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 60% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

\*SAE - Society of Automotive Engineers \*\*CEN - European Committee for Standardization



(Calculated Load at CG Point)

#### **Fork Specifications**

1	Tine length	mm	1611
	·····g	in	63.4
2	Fork width	mm	2508
		in	98.8
	End area	m2	1.59
		ft2	17
3	Inside Height	mm	0
	(only applies to double top clamp)	in	0
4	Min. opening	mm	662
	(only applies to millyard forks)	in	26
	Operating Weight	kg	25144
		lbs	55433
5	Distance inside of tine tips	mm	1907
	Otation financianal continuints of	in	75
	Static tipping load, articulated Fork level	kg	13212
		lbs	29126.4
	Static tipping load, straight Fork level	kg Ibs	15193 33495.2
	Max, height of fork		2805
6	(w/clamp open if applicable)	mm in	2805 110.4
	Clearance w/full lift, 45 deg dump	mm	2857
7	(if max. dump <> 45)	in	112.5
		mm	3981
8	Clearance @ full lift fork level	in	156.7
	Reach w/full lift, 45 deg dump	mm	1410
9	(if max. dump <> 45)	in	55.5
		mm	2962
10	Reach w/lift arm horizontal and fork level	in	116.6
		mm	-69
11	*Ground to Bottom of Tool at Minimum Height and Tool Level	in	-2.7
12	Width over tines	mm	2413
12	width over times	in	95.0
42	Reach @ ground level	mm	2267
13	Reach @ ground level	in	89
14	Max. opening across tine and clamp	mm	2727
14	wax. opening across the and clamp	in	107.4
15	Overall height of fork @ full lift and	mm	6786
15	clamp open	in	267.2
16	Overall length	mm	9143
	Tip of tine to rear of machine	in	360.0
17	Clearance @ full lift and max. dump	mm	2861
	Discharge (if <> 45)	in	112.6
18	Clearance w/horizontal lift arms and	mm	1897.8
	fork level	in	74.7
19	Reach @ full lift and fork level	mm	2095.0
		in	82.5
20	Max. discharge angle from horizontal	deg	45
		rad	0.8
	*Negative values indicate below grade		



Hinge (B) Pin Height (mm)

\*Negative values indicate below grade

-Payload (SAE J1197) -Payload (CEN EN 474-3 - Rou

- -O-Static Tipping Load Articu
- ---Static Tipping Load Straig

NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Hinge (B) Pin Height (in)

#### Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1, CEN\*\* EN 474-3.

The rated operating load for a loader equipped with a pallet fork is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on rough terrain or hydraulic limit. CEN EN 474-3: 80% of full turn static tipping load on firm and level ground or hydraulic limit.

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Capacity (lbs) (Calculated Load at CG Point)

#### Capacity (kg) (Calculated Load at CG Point)

#### **Material Handling Arm Specifications**

MHA Specifications		Retracted	Extension 1	Extension 2	Extension 3	Extension 4	Extended
Max Lift - Hook Reach (1, 2, 3, 4, 5, 6)	mm	1,823	1,936	2,049	2,162	2,275	2,388
Max Lint - HOUK Reach (1, 2, 3, 4, 3, 0)	ft, in	5' 11"	6' 4"	6' 8"	7' 1"	7' 5"	7' 10"
	mm	7,218	7,501	7,784	8,067	8,350	8,633
Max Lift - Hook Height (7, 8, 9, 10, 11, 12)	ft, in	23' 8"	24' 7"	25' 6"	26' 5"	27' 4"	28' 3"
Level - Hook Reach (13, 14, 15, 16, 17, 18)	mm	4,553	4,858	5,162	5,467	5,772	6,077
Level - Hook Reach (13, 14, 15, 16, 17, 16)	ft, in	14' 11"	15' 11"	16' 11"	17' 11"	18' 11"	19' 11"
Level - Hook Height (19)	mm	1,937	1,937	1,937	1,937	1,937	1,937
	ft, in	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"	6' 4.2"
Min Lift - Hook Reach (20, 21, 22, 23, 24, 25)	mm	1,720	1,852	1,983	2,114	2,245	2,377
	ft, in	5' 7"	6' 0"	6' 6"	6' 11"	7' 4"	7' 9"
	mm	(2,871)	(3,146)	(3,421)	(3,696)	(3,971)	(4,246
Min Lift - Hook Height (26, 27, 28, 29, 30, 31)	ft, in	-9' 6"	-10' 8"	-11' 9"	-12' 10"	-13' 11"	-13' 0"
Statia Tinning Load Straight	kg	9,131	8,641	8,200	7,801	7,438	7,107
Static Tipping Load, Straight	lb	20,125	19,045	18,073	17,193	16,394	15,663
	kg	8,060	7,627	7,237	6,885	6,564	6,271
Static Tipping Load, Articulated	lb	17,765	16,810	15,951	15,174	14,467	13,821
	kg	23,488	23,488	23,488	23,488	23,488	23,488
Operating Weight		51,767	51.767	51,767	51.767	51.767	51,767



#### Payload Capacity (kg) (Calculated Load at CG Point)



NOTE: Static tipping loads and operating weight are based on the following loader configuration: Bridgestone VJT L3 Tires, Air Conditioning, Ride Control, Powertrain Guard, Full Fluids, Fuel Tank, Coolant, Lubricants, and Operator.

Specifications and ratings conform to the following standards: SAE\* J1197, ISO 14397-1

The rated operating load for a loader equipped with a material handling arm is determined by: SAE J1197: 50% of full turn static tipping load or hydraulic limit.

\*SAE - Society of Automotive Engineers





# 966 Tunneling

The Cat 966 Wheel Loader Tunneling Package provides added performance and protection for working in tunnels.

#### **Proven Reliability**

- Cat C9.3B engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump.
- Features an electric fuel priming pump, fuel-water separator, and secondary fuel filter.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### **Durability**

- Handrails are designed with low clearance in mind.
- Fabricated counterweight with robust rear grill provides added protection at the rear of the machine.
- The front light brackets are designed close to the frame for added protection.
- Tunneling package includes a steel roof cap and service center guards for increased durability.
- Heavy-duty axles are designed to handle extreme applications.

#### **Superior Fuel Efficiency & Productivity**

- Tunneling package includes a larger tilt cylinder for increased tilt capacity.
- Optional 3<sup>rd</sup> and 4<sup>th</sup> valve auxiliary hydraulics to control work tools such as side dump buckets.
- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, power train, and hydraulic systems deliver unmatched productivity and fuel efficiency.

#### **Safety Features**

- High powered LED lights help to provide great visibility.
- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

#### **Reduced Maintenance Time and Costs**

- Extended fluid and filter change intervals reduce maintenance costs by up to 20%.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat App helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.

#### Work in Comfort in the All New Cab

- Optional powered cabin precleaner filters the incoming air and pressurize the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy. An HMU steering wheel is also available.

# 966 Tunneling Specifications

#### 966 Tunneling Features

- 1. Larger tilt cylinder for increased capacity
- 2. Tilt cylinder guard to protect the cylinder rod from falling debris
- 3. Low clearance handrails
- 4. Service center guards

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5. Heavy-duty light brackets mounted close to the frame

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8. UU X

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- 6. 3rd/4th valve auxiliary hydraulics
- 7. Optional advanced cabin filtration



- 8. Fabricated counterweight
- 9. Heavy-duty rear guard
- 10. Steel roof cap
- 11. Large range of Cat work tools

Linkage		Standard Linkage	
Bucket Type		Side Dump – Pin-On	
Edge Type		Teeth and Segments	
Capacity – Rated	m <sup>3</sup>	2.80	
	yd <sup>3</sup>	3.75	
Capacity – Rated at 110% Fill Factor	m <sup>3</sup>	3.10	
	yd <sup>3</sup>	4.00	
Width	mm	3300	
	ft/in	10'9"	
6† Dump Clearance at Maximum Lift	mm	2634	
and 45° Discharge	ft/in	8'7"	
<b>7</b> <sup>†</sup> Reach at Maximum Lift and	mm	1529	
45° Discharge	ft/in	5'0"	
Reach at Level Lift Arm and	mm	3203	
Bucket Level	ft/in	10'6"	
<b>A</b> <sup>†</sup> Digging Depth	mm	84	
	in	3.3"	
12† Overall Length	mm	9167	
	ft/in	30'1"	
<b>B</b> <sup>†</sup> Overall Height with Bucket at	mm	6116	
Maximum Lift	ft/in	20'1"	
Loader Clearance Circle Radius	mm	7734	
with Bucket at Carry Position	ft/in	25'5"	
Static Tipping Load, Straight	kg	14 778	
(With tire deflection)	lb	32,572	
Static Tipping Load, Straight	kg	15 878	
(No tire deflection)	lb	34,995	
Static Tipping Load,	kg	12 811	
Articulated (With tire deflection)	lb	28,236	
Static Tipping Load, Articulated	kg	13 920	
(No tire deflection)	lb	30,681	
Breakout Force (§)	kN	145	
	lbf	32,772	
Operating Weight*	kg	24 669	
	lb	54,371	

\* Static tipping loads and operating weights shown are based on a machine configuration with Bridgestone 26.5R25 VJT L3 radial tires, full fluids, operator, tunneling rear guard counterweight, ride control, cold start, tunneling fenders, Product Link, manual diff lock/open axles (front/rear), power train guard, secondary steering and sound suppression.

† Illustration shown with Dimension charts.

(§) Measured 100 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with ISO 14397-2:2007.

(With tire deflection) Full compliance to ISO 14397-1:2007 Sections 1 thru 6, which requires 2% verification between calculations and testing.

(No tire deflection) Compliance to ISO 14397-1:2007 Sections 1 thru 5.



# **966** *Corrosion Resistant*

The Cat 966 Wheel Loader Corrosion Resistant Package adds real value in protecting your machine investment. An industry-unique factory treatment provides more protection for all machine components that can be affected by corrosive materials. It's designed for improving reliability and durability in demanding corrosive environments such as fertilizer plants, chemical industries, agriculture, saltwater ports, and others.

#### **Proven Reliability**

- Cat C9.3B engine offers high power density with a combination of proven electronics, fuel, and air systems.
- Equipped with automatic Cat regeneration system, Cat Clean Emissions Module (CEM) with Diesel Particulate Filter (DPF), and Diesel Exhaust Fluid (DEF) tank and pump.
- Features an electric fuel priming pump, fuel-water separator, and secondary fuel filter.
- Thorough component design and machine validation processes result in unmatched reliability and uptime.

#### **Durability**

- Corrosion Resistant package includes silicon protection applied to all electrical terminals: alternator, engine starter, engine ground cable, and battery cables to maximize component life.
- Exposed electrical connectors are treated with shrinkable heat tube.
- Heavy-duty brushless alternator is utilized for increased durability.
- Optional paint protection that is more than two times the thickness of the standard paint. Extra primer coats are applied before the final polyurethane topcoat.

#### **Superior Fuel Efficiency & Productivity**

- Powershift transmission with lock-up clutch increases fuel efficiency while delivering optimal performance.
- Single clutch and lock-to-lock shifting for faster acceleration and speed on grades.
- Automatic idle engine shutdown system significantly reduces idle time, overall operating hours, and fuel consumption.
- Deeply integrated engine, power train, and hydraulic systems deliver unmatched productivity and fuel efficiency.

#### **Safety Features**

- Rearview camera enhances visibility behind the machine, helping you work safely and confidently.
- Cab access with wide door, optional remote door opening, and stair-like steps add solid stability.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rearview camera provide industry leading all-around visibility.

#### **Reduced Maintenance Time and Costs**

- Extended fluid and filter change intervals reduce maintenance costs by up to 20%.
- Remote Troubleshoot can connect the machine to the dealer service department to help diagnose problems quickly so you can get back to work.
- Remote Flash works around your schedule to ensure your machine's software is up to date for optimal performance.
- The Cat App helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and allows you to request service from your local Cat dealer.
- One-piece tilting hood makes engine compartment access fast and easy.

#### Work in Comfort in the All New Cab

- Optional powered cabin precleaner filters the incoming air and pressurize the cab.
- Next-generation, easily adjustable seat and suspension for improved operator comfort. It comes in three trim levels and can be equipped with a 4-point harness.
- New in-cab dashboard and high-resolution touch display(s) are easy to use, intuitive, and user friendly.
- Sound suppression, seals, and viscous cab mounts decrease noise and vibration for a quieter work environment.
- The seat-mounted electro-hydraulic joystick steering system provides precision control and dramatically reduces arm fatigue, resulting in excellent comfort and accuracy.

# **966 Corrosion Resistant Specifications**

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#### **966 Corrosion Resistant Features**

- 1. Silicon protection applied to all electric terminals
- 2. Shrinkable heat-tube on exposed electrical connectors
- 3. Zerust vapor capsules in electrical compartments

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- 4. Grease points on hood articulation pins
- Optional corrosion resistant cooling package: E-coated cooling cores, heavy-duty latch, and greaseable hinges
- Optional hydraulic system protection that includes silicone sealant and heat shrinkable tubing over the couplings

- 7. Heavy-duty brushless alternator
- 8. Sealed disconnect switch
- 9. Grease points on the cab door hinges
- 10. Additional coats of paint. Extra primer coats are applied before the final polyurethane topcoat
- 11. Varnish protection applied to under hood components
- 12. Optional turbine precleaner
- 13. Optional variable pitch fan
- 14. Optional autolube system
- 15. Anti-corrosion transmission fill cover

Note: For machine performance data please refer to page 7.

### **966 Wheel Loader Specifications**



For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**.

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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