

M314
Wheel Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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M314 Wheel Excavator Specifications

Engine

Engine Model	Cat® C3.6	
Engine Power		
ISO 14396	100 kW	134 hp
ISO 14396 (metric)	136 hp (PS)	
Net Power		
ISO 9249	95 kW	127 hp
ISO 9249 (metric)	129 hp (PS)	
Bore	98 mm	3.9 in
Stroke	120 mm	5 in
Displacement	3.6 L	221 in^3
Biodiesel Capability	Up to B20 (1)	
Number of Cylinders	4	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Korea Stage V emission standards.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, Clean Emission Module (CEM) exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Rated speed 2,000 rpm.

(1)Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with 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.

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

Transmission

Forward/Reverse		
1st Gear	9 km/h	5.6 mph
2nd Gear	37 km/h	23 mph
Creeper Speed		
1st Gear	5 km/h	3.1 mph
2nd Gear	15 km/h	9.3 mph
Drawbar Pull	73 kN	16,411 lbf
Maximum Gradeability (15 000 kg/33,070 lb)	52.5%	

Service Refill Capacities

Fuel Tank (total capacity)	295 L	77.9 gal
Diesel Exhaust Fluid (DEF) Tank	20 L	5.3 gal
Cooling System	20 L	5.3 gal
Engine Oil	9 L	2.4 gal
Hydraulic Tank	90 L	23.8 gal
Hydraulic System (including tank)	220 L	58.1 gal
Rear Axle Housing (differential)	11.2 L	3 gal
Front Steering Axle (differential)	9 L	2.4 gal
Final Drive (each)	2.4 L	0.6 gal
Powershift Transmission	2.5 L	0.7 gal

Swing Mechanism

Maximum Swing Speed*	9.1 rpm	
Maximum Swing Torque	41.3 kN·m	30,461 lbf·ft

*For CE-marked machine default value may be set lower.

Undercarriage

Ground Clearance	335 mm	1'1"
Maximum Steering Angle	35°	
Oscillation Axle Angle	±8.5°	
Minimum Turning Radius		
Outside of Tire	6250 mm	20'6"
Outside of Tire (plastic fender)	7450 mm	24'5"
End of Variable Angle (VA) Boom	7000 mm	23'0"
End of One-Piece Boom 4650 mm (15'3")	8000 mm	26'3"
End of One-Piece Boom 4400 mm (14'5")	6700 mm	22'0"

Operating Weights*

Minimum	14 600 kg	32,190 lb
Maximum	18 000 kg	39,680 lb
Typical Configurations		
Variable Adjustable Boom**		
Rear Blade Only	15 250 kg	33,620 lb
Rear Blade/Bucket Rest Front	15 550 kg	34,280 lb
Rear Outrigger/Front Blade	16 200 kg	35,710 lb
Front and Rear Outriggers	16 500 kg	36,380 lb
One-Piece Boom**		
Rear Blade Only	14 800 kg	32,630 lb
Rear Blade/Bucket Rest Front	15 100 kg	33,290 lb
Rear Outrigger/Front Blade	15 750 kg	34,720 lb
Front and Rear Outriggers	16 050 kg	35,380 lb

*Operating weight includes full fuel tank, operator, 500 kg (1,102 lb) bucket and dual pneumatic tires. Weight varies depending on configuration.

**Typical configurations include a 2200 mm (7'3") stick and a 210 kg (463 lb) quick coupler.

Major Component Weights

Booms (including VA and stick cylinder, pins and standard hydraulic lines)		
Variable Adjustable Boom 5028 mm (16'6")	1860 kg	4,100 lb
One-Piece Boom 4650 mm (15'3")	1410 kg	3,110 lb
One-Piece Boom 4400 mm (14'5")[1]	1400 kg	3,090 lb
Sticks (including cylinder, bucket linkage, pins and standard hydraulic lines)		
Stick 2200 mm (7'3")	630 kg	1,390 lb
Stick 2500 mm (8'2")	620 kg	1,370 lb
Drop Nose Stick (no bucket linkage) 2900 mm (9'6")	380 kg	840 lb
Counterweight	3300 kg	7,280 lb
Undercarriage (including axles, standard tires and steps)		
Rear Blade	4100 kg	9,040 lb
Rear Blade/Bucket Rest Front	4400 kg	9,700 lb
Rear Blade/Front Outrigger	5050 kg	11,130 lb
Rear Blade Parallel	4500 kg	9,921 lb
Rear Blade Parallel with trailer	4565 kg	10,064 lb
Rear Outrigger/Front Blade	5050 kg	11,130 lb
Rear Outrigger/Front Outrigger	5350 kg	11,790 lb
Buckets (without linkage)		
CW Bucket General Duty (GD) 1200 mm (47"), 0.76 m^3 (0.99 yd^3), Advansys™	510 kg	1,120 lb
Pin-On Bucket GD 1200 mm (47"), 0.76 m^3 (0.99 yd^3), Advansys	500 kg	1,100 lb
Quick Couplers (QC)		
CW20	210 kg	460 lb
Pin Grabber	190 kg	420 lb

[1]South Korea Only

Hydraulic System

Maximum Pressure – Implement Circuit		
Normal	35 000 kPa	5,076 psi
Heavy Lift	37 000 kPa	5,366 psi
Travel Circuit	35 000 kPa	5,076 psi
Maximum Pressure – Auxiliary Circuit		
High Pressure	35 000 kPa	5,076 psi
Medium Pressure	17 000 kPa	2,466 psi
Swing Mechanism	35 500 kPa	5,149 psi
Maximum Flow		
Implements	270 L/min	71.3 gal/min
Travel Circuit	200 L/min	52.8 gal/min
Auxiliary Circuit		
High Pressure	250 L/min	66.0 gal/min
Medium Pressure	62 L/min	16.4 gal/min
Swing Mechanism	83 L/min	21.9 gal/min
Cylinders		
Boom Cylinder (VA) – Bore	105 mm	4"
Boom Cylinder (VA) – Stroke	906 mm	3'0"
VAB Cylinder – Bore	130 mm	5"
VAB Cylinder – Stroke	753 mm	2'6"
Boom Cylinder (one-piece) – Bore	105 mm	4"
Boom Cylinder (one-piece) – Stroke	932 mm	3'1"
Stick Cylinder – Bore	110 mm	4"
Stick Cylinder – Stroke	1147 mm	3'9"
Bucket Cylinder – Bore	95 mm	4"
Bucket Cylinder – Stroke	939 mm	3'1"

M314 Wheel Excavator Specifications

Dozer Blade

Blade Type	Radial	
Width	2540 mm	8'4"
Blade Roll-Over Height	540 mm	1'9"
Blade Total Height	580 mm	1'11"
Maximum Lowering Depth from Ground	120 mm	5"
Maximum Raising Height above Ground	475 mm	1'7"

Vibration Levels

Maximum Hand/Arm (ISO 5349-2001)	<2.5 m/s²	<8.2
Maximum Whole Body (ISO/TR 25398:2006)	<0.5 m/s²	<1.6
Seat Transmissibility Factor (ISO 7096:2020-spectral class EM6)	<0.7	

Standards

Brakes	ISO 3450:2011
Cab Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Operator Protective Guard (OPG) (optional top/front guards)	ISO 10262:1998 Level II
Cab/Sound Levels	Meets appropriate standards as listed below

Sound Performance

ISO 6396:2008 internal – 70 dB(A)

ISO 6395:2008 external – 100 dB(A)

- External Sound – The labelled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).
- Blue Angel Certified

Air Conditioning System

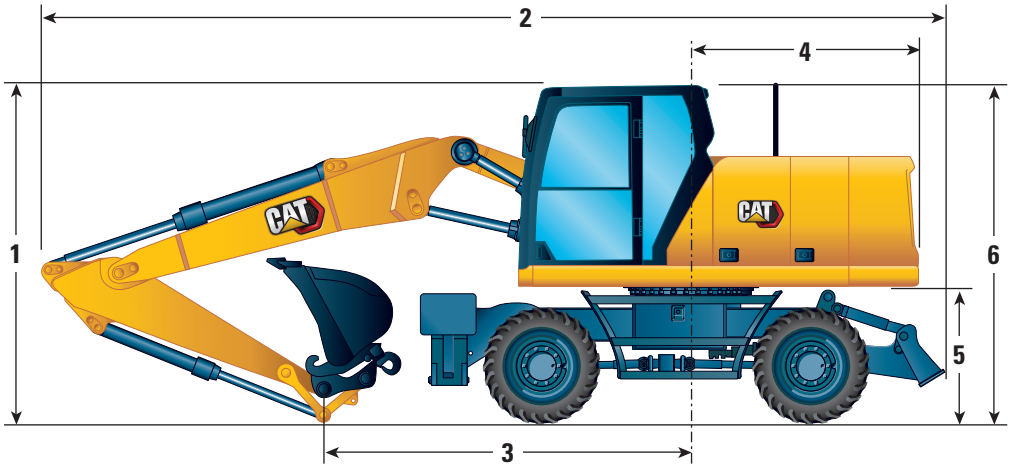
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

– If equipped with R134a (Global Warming Potential = 1430), the system contains 0.8 kg (1.8 lb) of refrigerant which has a CO_2 equivalent of 1.144 metric tonnes (1.261 tons).

– If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 0.7 kg (1.5 lb) of refrigerant which has a CO_2 equivalent of 0.0004 metric tonnes (0.0004 tons).

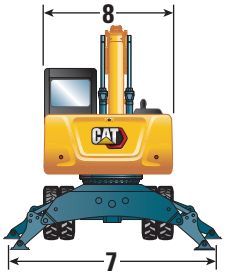
Dimensions

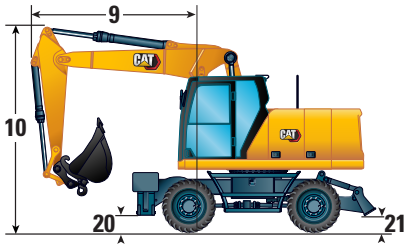
All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.



Boom Options	Variable Adjustable Boom 5028 mm (16'6")		
Stick Options	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**	**Drop Nose* 2900 mm (9'6")**
1 Shipping Height with Operator Protective Guard (OPG) and Handrails Lowered (highest point between Boom and Cab)	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")
Shipping Height without OPG	2990 mm (9'10")	3080 mm (10'1")	3280 mm (10'9")
2 Shipping Length	8210 mm (26'11")	8210 mm (26'11")	8190 mm (26'10")
3 Support Point	3450 mm (11'4")	3280 mm (10'9")	3545 mm (11'8")
4 Tail Swing Radius	2150 mm (7'1")	2150 mm (7'1")	2150 mm (7'1")
5 Counterweight Clearance	1260 mm (4'2")	1260 mm (4'2")	1260 mm (4'2")
6 Cab Height			
No OPG, Handrails Lowered	3153 mm (10'4")	3153 mm (10'4")	3153 mm (10'4")
With OPG	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")
Overall Machine Width			
Width with Outriggers on Ground	3680 mm (12'1")	3680 mm (12'1")	3680 mm (12'1")
Width with Outriggers Up	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
Width with Blade	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
7 Width with Outriggers Fully Down	3645 mm (12'0")	3645 mm (12'0")	3645 mm (12'0")
8 Upperframe Width	2480 mm (8'2")	2480 mm (8'2")	2480 mm (8'2")
Roading Position			
9 Steering Wheel to Linkage in Roading Position	2630 mm (8'8")	2600 mm (8'6")	—
10 Height in Roading Position	3980 mm (13'1")	3980 mm (13'1")	—

*Without bucket linkage.

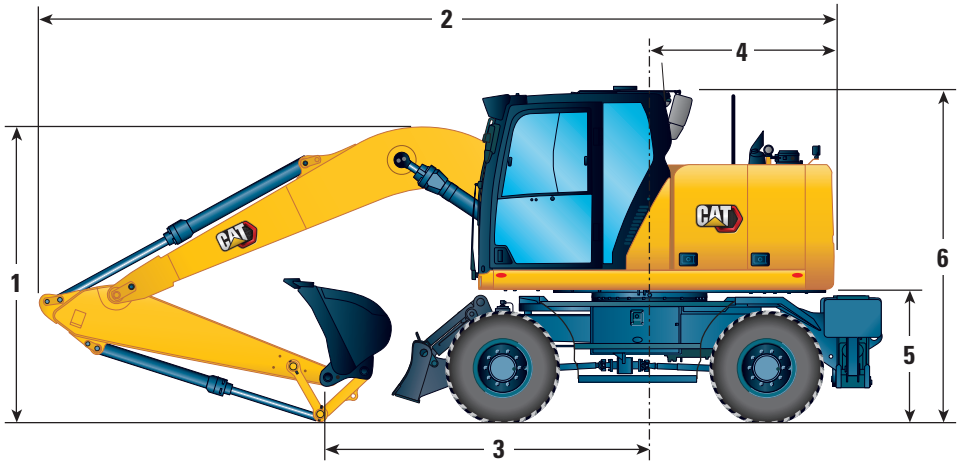




M314 Wheel Excavator Specifications

Dimensions

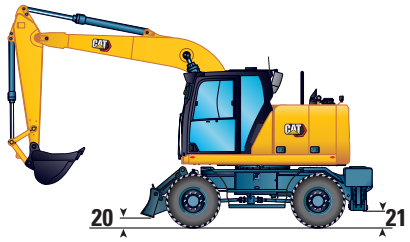
All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.



Boom Options	One-Piece Boom 4650 mm (15'3")			One-Piece Boom 4400 (14'5")	
Stick Options	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**	**Drop Nose* 2900 mm (9'6")**	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**
1 Shipping Height with Operator Protective Guard (OPG) and Handrails Lowered (highest point between Boom and Cab)	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")
Shipping Height without OPG	2850 mm (9'4")	2930 mm (9'7")	3060 mm (10'0")	2730 mm (8'11")	2800 mm (9'2")
2 Shipping Length	7770 mm (25'6")	7800 mm (25'7")	7890 mm (25'11")	7470 mm (24'6")	7500 mm (24'7")
3 Support Point	2800 mm (9'2")	2590 mm (8'6")	2870 mm (9'5")	2420 mm (7'11")	2180 mm (7'2")
4 Tail Swing Radius	2150 mm (7'1")	2150 mm (7'1")	2150 mm (7'1")	2150 mm (7'1")	2150 mm (7'1")
5 Counterweight Clearance	1260 mm (4'2")	1260 mm (4'2")	1260 mm (4'2")	1260 mm (4'2")	1260 mm (4'2")
6 Cab Height					
No OPG, Handrails Lowered	3153 mm (10'4")	3153 mm (10'4")	3153 mm (10'4")	3153 mm (10'4")	3153 mm (10'4")
With OPG	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")	3315 mm (10'11")
Overall Machine Width					
Width with Outriggers on Ground	3680 mm (12'1")	3680 mm (12'1")	3680 mm (12'1")	3680 mm (12'1")	3680 mm (12'1")
Width with Outriggers Up	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
Width with Blade	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
7 Width with Outriggers Fully Down	3645 mm (12'0")	3645 mm (12'0")	3645 mm (12'0")	3645 mm (12'0")	3645 mm (12'0")
8 Upperframe Width	2480 mm (8'2")	2480 mm (8'2")	2480 mm (8'2")	2480 mm (8'2")	2480 mm (8'2")

*Without bucket linkage.





Undercarriage Dimensions

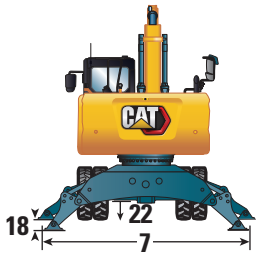
All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.

Undercarriage	Rear Blade	Rear Blade/ Front Outrigger	Rear Outrigger/ Front Blade	Rear Outrigger/ Front Outrigger	Rear Blade/ Front Bucket Rest[1]
11 Overall Undercarriage Length	4310 mm (14'2")	4920 mm (16'2")	4920 mm (16'2")	4755 mm (15'7")	4545 mm (14'11")
12 Wheel Base	2500 mm (8'2")	2500 mm (8'2")	2500 mm (8'2")	2500 mm (8'2")	2800 mm (9'2")
13 Swing to Rear Axle	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")
14 Swing to Front Axle	1400 mm (4'7")	1400 mm (4'7")	1400 mm (4'7")	1400 mm (4'7")	1700 mm (5'7")
15 Rear Axle to Rear Outrigger (mid)	—	—	830 mm (2'9")	830 mm (2'9")	—
16 Front Axle to Front Outrigger (mid)	—	875 mm (2'10")	—	875 mm (2'10")	—
17 Rear Axle to Blade (end)	1270 mm (4'2")	1270 mm (4'2")	—	—	1270 mm (4'2")
Front Axle to Blade (end)	—	—	1270 mm (4'2")	—	—
18 Maximum Outrigger Depth	—	110 mm (4")	110 mm (4")	110 mm (4")	—
19 Blade Width	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	—	2540 mm (8'4")
Maximum Blade Depth	120 mm (5")	120 mm (5")	120 mm (5")	—	120 mm (5")
Ground Clearance					
20 Outrigger Clearance	—	335 mm (1'1")	335 mm (1'1")	335 mm (1'1")	335 mm (1'1")
21 Blade Clearance	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")
22 Axle Clearance	360 mm (1'2")	360 mm (1'2")	360 mm (1'2")	360 mm (1'2")	360 mm (1'2")

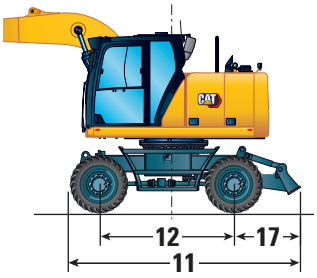
[1]South Korea Only

*Maximum tire clearance with outrigger fully down

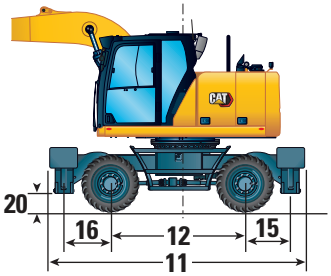




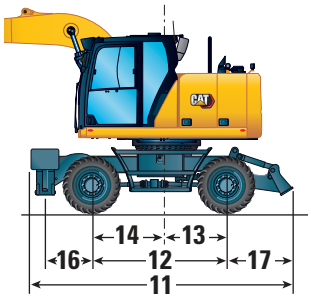
Undercarriage with dozer only



Undercarriage with 2 sets of outriggers



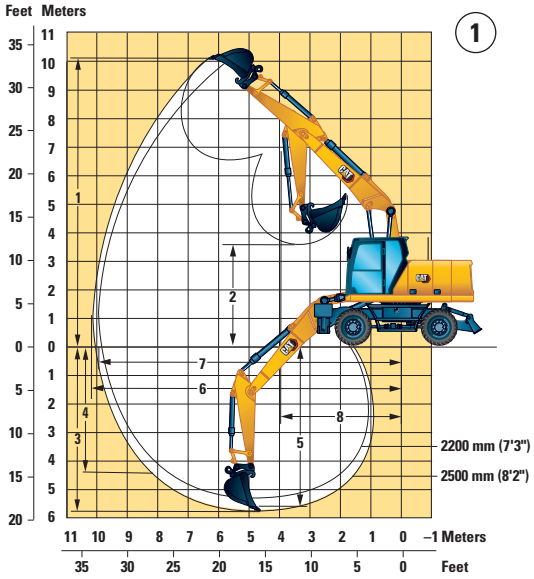
Undercarriage with 1 set of outriggers and dozer

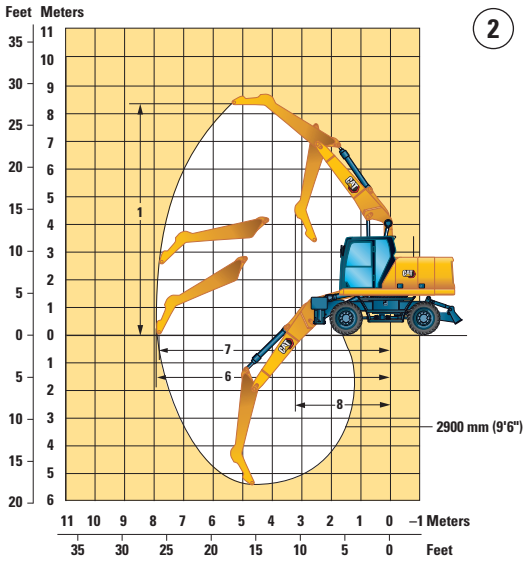


M314 Wheel Excavator Specifications

Working Ranges

All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.



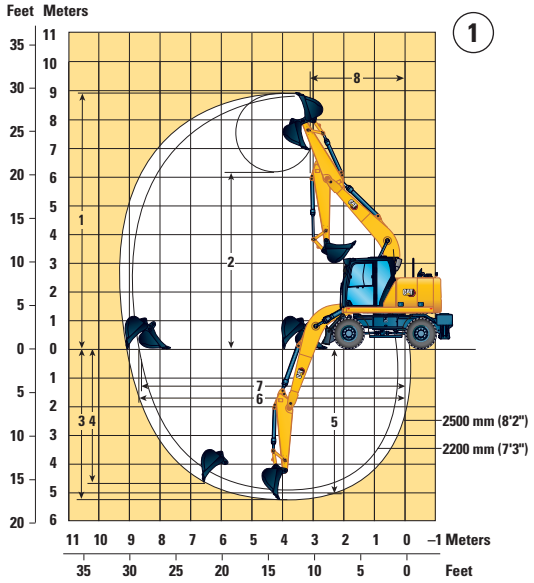


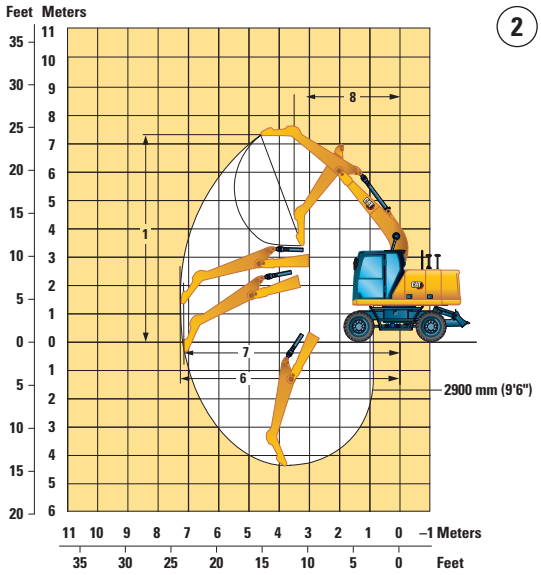
Boom Option	Variable Adjustable Boom 5028 mm (16'6")		
	1		2
Stick Options	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**	**Drop Nose 2900 mm (9'6")**
1 Digging Height	9780 mm (32'1")	10 020 mm (32'10")	8530 mm (28'0")
2 Dump Height	7010 mm (23'0")	7240 mm (23'9")	—
3 Digging Depth	5290 mm (17'4")	5580 mm (18'4")	4510 mm (14'9")
4 Vertical Wall Digging Depth	4250 mm (13'11")	4580 mm (15'0")	—
5 Depth 2.5 m (8'2") in Straight Clean-Up	5170 mm (17'0")	5480 mm (18'0")	—
6 Reach	8830 mm (29'0")	9120 mm (29'11")	7920 mm (26'0")
7 Reach at Ground Level	8650 mm (28'5")	8940 mm (29'4")	7720 mm (25'4")
8 Minimum Front Linkage Radius	2600 mm (8'6")	2700 mm (8'10")	3450 mm (11'4")
Bucket Forces (ISO)	105 kN (23,605 lbf)	105 kN (23,605 lbf)	—
Stick Forces (ISO)	71 kN (15,961 lbf)	65 kN (14,613 lbf)	—
Bucket Type	GD	GD	
Bucket Capacity	0.76 m³ (0.99 yd³)	0.76 m³ (0.99 yd³)	—
Bucket Tip Radius (Pin-On)	1224 mm (4'0")	1224 mm (4'0")	—
Bucket Tip Radius (QC)	1387 mm (4'7")	1387 mm (4'7")	—

Range values are with dual pneumatic tires (10.00-20).
A drop nose stick has no bucket linkage and working range dimensions refer to the stick nose pin.
Range values are calculated with a GD bucket (CW-S) and CW-20S-D.4.N quick coupler with a tip radius of 1387 mm (4'7").
Force values are calculated with heavy lift on, a GD bucket (pin-on) and a tip radius of 1224 mm (4'0").

Working Ranges

All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.





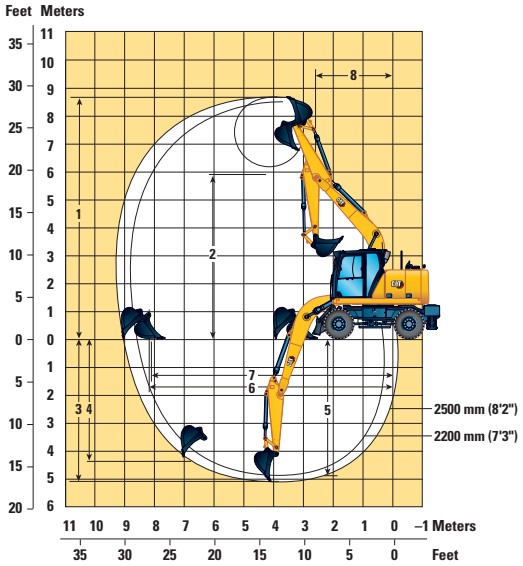
Boom Option	One-Piece Boom 4650 mm (14'5")		
	1		2
Stick Options	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**	**Drop Nose 2900 mm (9'6")**
1 Digging Height	8760 mm (28'9")	8940 mm (29'4")	7320 mm (24'0")
2 Dump Height	6030 mm (19'9")	6210 mm (20'4")	—
3 Digging Depth	4950 mm (16'3")	5250 mm (17'3")	—
4 Vertical Wall Digging Depth	4290 mm (14'1")	4650 mm (15'3")	—
5 Depth 2.5 m (8'2") in Straight Clean-Up	4730 mm (15'6")	5050 mm (16'7")	—
6 Reach	8380 mm (27'6")	8660 mm (28'5")	7410 mm (24'4")
7 Reach at Ground Level	8190 mm (26'10")	8470 mm (27'9")	7200 mm (23'7")
8 Minimum Front Linkage Radius	2710 mm (8'11")	2670 mm (8'9")	3560 mm (11'8")
Bucket Forces (ISO)	105 kN (23,605 lbf)	105 kN (23,605 lbf)	—
Stick Forces (ISO)	71 kN (15,961 lbf)	65 kN (14,613 lbf)	—
Bucket Type	GD	GD	
Bucket Capacity	0.76 m³ (0.99 yd³)	0.76 m³ (0.99 yd³)	—
Bucket Tip Radius (Pin-On)	1224 mm (4'0")	1224 mm (4'0")	—
Bucket Tip Radius (QC)	1387 mm (4'7")	1387 mm (4'7")	—

Range values are with dual pneumatic tires (10.00-20).
A drop nose stick has no bucket linkage and working range dimensions refer to the stick nose pin.
Range values are calculated with a GD bucket (CW-S) and CW-20S-D.4.N quick coupler with a tip radius of 1387 mm (4'7").
Force values are calculated with heavy lift on, a GD bucket (pin-on) and a tip radius of 1224 mm (4'0").

M314 Wheel Excavator Specifications

Working Ranges

All dimensions are approximate. Values are with 10.00-20 dual pneumatic tires.



Boom Option	One-Piece Boom 4400 mm (14'5")[1]	
Stick Options	**Bucket Linkage 2200 mm (7'3")**	**Bucket Linkage 2500 mm (8'2")**
1 Digging Height	8430 mm (27'8")	8610 mm (28'3")
2 Dump Height	5720 mm (18'9")	5900 mm (19'4")
3 Digging Depth	4780 mm (15'8")	5090 mm (16'8")
4 Vertical Wall Digging Depth	3980 mm (13'1")	4340 mm (14'3")
5 Depth 2.5 m (8'2") in Straight Clean-Up	4560 mm (15'0")	4880 mm (16'0")
6 Reach	8100 mm (26'7")	8380 mm (27'6")
7 Reach at Ground Level	7900 mm (25'11")	8190 mm (26'10")
8 Minimum Front Linkage Radius	2610 mm (8'7")	2570 mm (8'5")
Bucket Forces (ISO)	105 kN (23,605 lbf)	105 mm (23,605 lbf)
Stick Forces (ISO)	71 kN (15,961 lbf)	65 kN (14,613 lbf)
Bucket Type	GD	GD
Bucket Capacity	0.76 m^3 (0.99 yd^3)	0.76 m^3 (0.99 yd^3)
Bucket Tip Radius (Pin-On)	1224 mm (4'0")	1224 mm (4'0")
Bucket Tip Radius (QC)	1387 mm (4'7")	1387 mm (4'7")

[1]South Korea Only

Range values are with dual pneumatic tires (10.00-20).

A drop nose stick has no bucket linkage and working range dimensions refer to the stick nose pin.

Range values are calculated with a GD bucket (CW-S) and CW-20S-D.4.N quick coupler with a tip radius of 1387 mm (4'7").

Force values are calculated with heavy lift on, a GD bucket (pin-on) and a tip radius of 1224 mm (4'0").

Bucket Specifications and Compatibility – North America

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	3300 kg (7,280 lb) Counterweight – Variable Adjustable Boom – 2200 mm (7'3") Stick				2500 mm (8'2") Stick			
									Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
Pin-On (No Quick Coupler)																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	320	706	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	369	815	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	425	936	100	◉	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	468	1,031	100	⊖	◉	●	●	⊖	◉	●	●
	312	1200	48	0.76	1.00	508	1,119	100	○	⊖	●	●	○	⊖	●	●
General Duty (GD) – Wide Tip	312	450	18	0.27	0.36	317	700	100	●	●	●	●	●	●	●	●
	312	600	24	0.41	0.53	372	821	100	●	●	●	●	●	●	●	●
	312	900	36	0.71	0.92	478	1,053	100	○	◉	●	●	○	⊖	●	●
	312	1050	42	0.86	1.13	530	1,168	100	◇	○	●	●	◇	○	●	●
Severe Duty (SD)	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	495	1,091	90	●	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	541	1,192	90	⊖	◉	●	●	⊖	◉	●	●
Ditch Cleaning (DC)	312	1200	48	0.57	0.74	388	855	100	◉	●	●	●	◉	●	●	●
	312	1500	60	0.74	0.97	455	1,003	100	○	⊖	●	●	○	⊖	●	●
Ditch Cleaning Tilt (DCT)	312	1200	48	0.48	0.63	563	1,240	100	◉	●	●	●	◉	●	●	●
	312	1500	60	0.57	0.75	646	1,424	100	⊖	◉	●	●	○	⊖	●	●
Maximum load with pin-on (payload + bucket)								kg	1468	1696	2826	3465	1396	1612	2679	3280
								lb	3,237	3,740	6,230	7,638	3,077	3,554	5,906	7,230
With Cat Pin Grabber Coupler																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	320	706	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	369	815	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	425	936	100	◉	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	468	1,031	100	⊖	◉	●	●	⊖	◉	●	●
	312	1200	48	0.76	1.00	508	1,119	100	○	⊖	●	●	○	⊖	●	●
General Duty (GD) – Wide Tip	312	450	18	0.27	0.36	317	700	100	●	●	●	●	●	●	●	●
	312	600	24	0.41	0.53	372	821	100	●	●	●	●	●	●	●	●
	312	750	30	0.55	0.72	425	936	100	◉	●	●	●	◉	●	●	●
	312	900	36	0.71	0.92	478	1,053	100	○	◉	●	●	○	⊖	●	●
	312	1050	42	0.86	1.13	530	1,168	100	◇	○	●	●	◇	○	●	●
Severe Duty (SD)	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	495	1,091	90	●	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	541	1,192	90	⊖	◉	●	●	⊖	◉	●	●
Ditch Cleaning (DC)	312	1200	48	0.57	0.74	388	855	100	◉	●	●	●	◉	●	●	●
	312	1500	60	0.74	0.97	455	1,003	100	○	⊖	●	●	○	⊖	●	●
Ditch Cleaning Tilt (DCT)	312	1200	48	0.48	0.63	563	1,240	100	◉	●	●	●	◉	●	●	●
	312	1500	60	0.57	0.75	646	1,424	100	⊖	◉	●	●	○	⊖	●	●
Maximum load with coupler (payload + bucket)								kg	1268	1497	2626	3265	1196	1412	2479	3080
								lb	2,796	3,299	5,790	7,198	2,637	3,113	5,466	6,790

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	3300 kg (7,280 lb) Counterweight							
									Variable Adjustable Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On (No Quick Coupler)																
Utility Duty (UD)	312	600	24	0.31	0.40	327	722	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	515	1,134	100	○	⊖	●	●	○	⊖	●	●
General Duty (GD)	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	⦿	●	●	●	⊖	⦿	●	●
	312	1100	43	0.68	0.89	474	1,046	100	⊖	⦿	●	●	○	⊖	●	●
General Duty (GD) (No Adjuster)	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	⦿	●	●	●	⦿	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	⊖	⦿	●	●	○	⦿	●	●
	312	1200	48	0.76	1.00	519	1,143	100	○	⊖	●	●	○	⊖	●	●
Heavy Duty (HD)	312	450	18	0.20	0.27	289	637	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	533	1,174	100	○	⊖	●	●	◇	○	●	●
Severe Duty (SD)	312	900	36	0.53	0.69	475	1,047	90	●	●	●	●	⦿	●	●	●
Ditch Cleaning (DC)	312	1800	72	0.68	0.89	540	1,191	100	○	⊖	●	●	○	⊖	●	●
	312	1800	71	0.57	0.74	421	928	100	⦿	●	●	●	⦿	●	●	●
Ditch Cleaning Tilt (DCT)	312	1800	72	0.60	0.78	724	1,597	100	○	⊖	●	●	◇	⊖	●	●
Maximum load with pin-on (payload + bucket)								kg	1468	1696	2826	3465	1396	1612	2679	3280
								lb	3,237	3,740	6,230	7,638	3,077	3,554	5,906	7,230
With Cat Pin Grabber Coupler																
Utility Duty (UD)	312	600	24	0.31	0.40	327	722	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	515	1,134	100	○	⊖	●	●	○	⊖	●	●
General Duty (GD)	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	⦿	●	●	●	⊖	⦿	●	●
	312	1100	43	0.68	0.89	474	1,046	100	⊖	⦿	●	●	○	⊖	●	●
General Duty (GD) (No Adjuster)	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	⦿	●	●	●	⦿	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	⊖	⦿	●	●	○	⦿	●	●
	312	1200	48	0.76	1.00	519	1,143	100	○	⊖	●	●	○	⊖	●	●
Heavy Duty (HD)	312	450	18	0.20	0.27	289	637	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	533	1,174	100	○	⊖	●	●	◇	○	●	●
Severe Duty (SD)	312	900	36	0.53	0.69	475	1,047	90	●	●	●	●	⦿	●	●	●
Ditch Cleaning (DC)	312	1800	72	0.68	0.89	540	1,191	100	○	⊖	●	●	○	⊖	●	●
	312	1800	71	0.57	0.74	421	928	100	⦿	●	●	●	⦿	●	●	●
Maximum load with coupler (payload + bucket)								kg	1268	1497	2626	3265	1196	1412	2479	3080
								lb	2,796	3,299	5,790	7,198	2,637	3,113	5,466	6,790

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									Variable Adjustable Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
		Width		Capacity		Weight		Fill	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
With CW20 Coupler																
General Duty (GD)	CW20	600	24	0.31	0.40	344	758	100	●	●	●	●	●	●	●	●
	CW20	900	36	0.53	0.69	426	940	100	⊖	●	●	●	⊖	◉	●	●
	CW20	1100	43	0.68	0.89	487	1,073	100	○	⊖	●	●	◇	○	●	●
Heavy Duty (HD)	CW20	1200	48	0.76	1.00	526	1,159	100	◇	○	●	●	◇	○	●	●
General Duty (GD) Leveling Edge	CW20	690	27	0.40	0.52	410	904	100	●	●	●	●	◉	●	●	●
	CW20	790	31	0.47	0.61	452	997	100	◉	●	●	●	⊖	●	●	●
	CW20	996	39	0.63	0.83	515	1,135	100	○	⊖	●	●	◇	○	●	●
	CW20	1184	47	0.80	1.05	601	1,324	100	X	◇	●	●	X	◇	●	●
Ditch Cleaning (DC)	CW20	1800	72	0.68	0.89	516	1,138	100	◇	⊖	●	●	◇	○	●	●
	CW20	1800	72	0.90	1.18	554	1,221	100	X	◇	●	●	X	◇	●	●
Maximum load with coupler (payload + bucket)								kg	1263	1491	2621	3260	1191	1407	2474	3075
								lb	2,785	3,288	5,778	7,186	2,626	3,102	5,454	6,778
With CW20S Coupler																
General Duty (GD)	CW20S	450	18	0.20	0.26	302	666	100	●	●	●	●	●	●	●	●
	CW20S	500	20	0.24	0.31	311	686	100	●	●	●	●	●	●	●	●
	CW20S	600	24	0.31	0.40	330	728	100	●	●	●	●	●	●	●	●
	CW20S	750	30	0.41	0.54	377	832	100	●	●	●	●	●	●	●	●
	CW20S	900	36	0.53	0.69	426	940	100	⊖	●	●	●	⊖	◉	●	●
	CW20S	1000	39	0.60	0.78	451	995	100	○	◉	●	●	○	⊖	●	●
	CW20S	1100	43	0.68	0.89	487	1,073	100	○	⊖	●	●	◇	○	●	●
	CW20S	1200	48	0.76	1.00	516	1,137	100	◇	○	●	●	◇	○	●	●
Heavy Duty (HD)	CW20S	500	20	0.24	0.31	321	708	100	●	●	●	●	●	●	●	●
	CW20S	1200	48	0.76	1.00	526	1,160	100	◇	○	●	●	◇	○	●	●
Ditch Cleaning (DC)	CW20S	1800	72	0.68	0.89	457	1,008	100	○	⊖	●	●	◇	⊖	●	●
Ditch Cleaning Tilt (DCT)	CW20S	1800	72	0.60	0.78	732	1,614	100	◇	○	●	●	X	○	●	●
Maximum load with coupler (payload + bucket)								kg	1285	1513	2643	3282	1213	1429	2496	3097
								lb	2,833	3,336	5,827	7,235	2,674	3,150	5,503	6,827

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ◉ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	3300 kg (7,280 lb) Counterweight Variable Adjustable Boom 2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	◇	⊖	●	●	◇	○	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	○	●	●	X	◇	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	◇	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⦿	●	●	●	⦿	●	●	●
Maximum load with pin-on (payload + bucket)								kg	955	1183	2313	3132	883	1099	2166	2767
								lb	2,105	2,608	5,099	6,905	1,947	2,423	4,775	6,100
Pin-On, TRS12 S60 (no hook)																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	◇	⊖	●	●	◇	○	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	○	●	●	X	◇	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	◇	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⦿	●	●	●	⦿	●	●	●
Maximum load with pin-on (payload + bucket)								kg	961	1189	2319	3138	889	1105	2172	2773
								lb	2,119	2,621	5,113	6,918	1,960	2,436	4,788	6,113
S60, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	X	○	●	●	X	◇	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	X	●	●	X	X	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	◇	●	●	X	X	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	X	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	○	⦿	●	●
Maximum load with coupler (payload + bucket)								kg	820	1048	2178	2997	748	964	2031	2632
								lb	1,808	2,310	4,802	6,607	1,649	2,125	4,478	5,803
S60, TRS12 S60 - GM																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	X	◇	●	●	X	◇	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	X	●	●	X	X	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	X	●	●	X	X	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	X	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	○	⦿	●	●	◇	⊖	●	●
Maximum load with coupler (payload + bucket)								kg	716	944	2074	2893	644	860	1927	2528
								lb	1,579	2,081	4,572	6,378	1,420	1,896	4,248	5,573

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451:2007.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									Variable Adjustable Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
		Width		Capacity		Weight		Fill	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
Pin-On, TRS12 HCS60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	◇	⊖	●	●	◇	○	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	◇	●	●	X	◇	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	◇	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⦿	●	●	●	⊖	●	●	●
Maximum load with pin-on (payload + bucket)								kg	935	1163	2293	3112	863	1079	2146	2747
								lb	2,061	2,564	5,055	6,861	1,903	2,379	4,731	6,056
HCS60, TRS12 HCS60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	X	○	●	●	X	◇	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	X	●	●	X	X	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	◇	●	●	X	X	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	X	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	○	⦿	●	●
Maximum load with pin-on (payload + bucket)								kg	789	1017	2147	2966	717	933	2000	2601
								lb	1,739	2,242	4,733	6,539	1,581	2,057	4,409	5,734
HCS60, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	X	○	●	●	X	◇	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	X	●	●	X	X	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	◇	●	●	X	X	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	X	●	●	X	X	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	○	⦿	●	●
Maximum load with coupler (payload + bucket)								kg	809	1037	2167	2986	737	953	2020	2621
								lb	1,784	2,286	4,777	6,583	1,625	2,101	4,453	5,778

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

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(continued on next page)

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									4650 mm (15'3") One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On (No Quick Coupler)																
Utility Duty (UD)	312	600	24	0.31	0.40	327	722	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	515	1,134	100	⊖	◉	●	●	⊖	◉	●	●
General Duty (GD)	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●	●	●
	312	1100	43	0.68	0.89	474	1,046	100	◉	●	●	●	◉	●	●	●
	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	◉	●	●	●	◉	●	●	●
	312	1200	48	0.76	1.00	519	1,143	100	⊖	◉	●	●	⊖	◉	●	●
Heavy Duty (HD)	312	450	18	0.20	0.27	289	637	100	●	●	●	●	●	●	●	●
	312	1200	1071	0.76	0.99	533	1,174	100	⊖	◉	●	●	⊖	◉	●	●
Severe Duty (SD)	312	900	36	0.53	0.69	475	1,047	90	●	●	●	●	●	●	●	●
Ditch Cleaning (DC)	312	1800	72	0.68	0.89	540	1,191	100	◉	●	●	●	⊖	◉	●	●
	312	1800	71	0.57	0.74	421	928	100	●	●	●	●	●	●	●	●
Ditch Cleaning Tilt (DCT)	312	1800	72	0.60	0.78	724	1,597	100	⊖	●	●	●	⊖	◉	●	●
Maximum load with pin-on (payload + bucket)								kg	1747	1993	3226	3931	1657	1889	3048	3707
								lb	3,851	4,393	7,113	8,666	3,653	4,165	6,721	8,172
With Cat Pin Grabber Coupler																
Utility Duty (UD)	312	600	24	0.31	0.40	327	722	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	515	1,134	100	⊖	◉	●	●	⊖	◉	●	●
General Duty (GD)	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●	●	●
	312	1100	43	0.68	0.89	474	1,046	100	◉	●	●	●	◉	●	●	●
General Duty (GD) – ANZ	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	◉	●	●	●	◉	●	●	●
	312	1200	48	0.76	1.00	519	1,143	100	⊖	◉	●	●	⊖	◉	●	●
Heavy Duty (HD)	312	450	18	0.20	0.27	289	637	100	●	●	●	●	●	●	●	●
	312	1200	1071	0.76	0.99	533	1,174	100	⊖	◉	●	●	⊖	◉	●	●
Severe Duty (SD)	312	900	36	0.53	0.69	475	1,047	90	●	●	●	●	●	●	●	●
Ditch Cleaning (DC)	312	1800	72	0.68	0.89	540	1,191	100	◉	●	●	●	⊖	◉	●	●
	312	1800	71	0.57	0.74	421	928	100	●	●	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1547	1793	3027	3731	1457	1689	2849	3507
								lb	3,411	3,953	6,673	8,225	3,213	3,724	6,280	7,732

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									4650 mm (15'3") One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
		Width		Capacity		Weight		Fill	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
With CW20 Coupler																
General Duty (GD)	CW20	600	24	0.31	0.40	344	758	100	●	●	●	●	●	●	●	●
	CW20	900	36	0.53	0.69	426	940	100	●	●	●	●	⦿	●	●	●
	CW20	1100	43	0.68	0.89	487	1,073	100	⊖	⦿	●	●	○	⦿	●	●
Heavy Duty (HD)	CW20	1200	48	0.76	1.00	526	1,159	100	○	⊖	●	●	○	⊖	●	●
General Duty (GD) Leveling Edge	CW20	690	27	0.40	0.52	410	904	100	●	●	●	●	●	●	●	●
	CW20	790	31	0.47	0.61	452	997	100	●	●	●	●	●	●	●	●
	CW20	996	39	0.63	0.83	515	1,135	100	⊖	●	●	●	⊖	⦿	●	●
	CW20	1184	47	0.80	1.05	601	1,324	100	○	⊖	●	●	◇	○	●	●
Ditch Cleaning (DC)	CW20	1800	72	0.68	0.89	516	1,138	100	⊖	⦿	●	●	○	⦿	●	●
	CW20	1800	72	0.90	1.18	554	1,221	100	◇	○	●	●	◇	○	●	●
Maximum load with coupler (payload + bucket)								kg	1542	1788	3021	3726	1452	1684	2843	3502
								lb	3,399	3,942	6,661	8,214	3,201	3,713	6,269	7,720
With CW20S Coupler																
General Duty (GD)	CW20S	450	18	0.20	0.26	302	666	100	●	●	●	●	●	●	●	●
	CW20S	500	20	0.24	0.31	311	686	100	●	●	●	●	●	●	●	●
	CW20S	600	24	0.31	0.40	330	728	100	●	●	●	●	●	●	●	●
	CW20S	750	30	0.41	0.54	377	832	100	●	●	●	●	●	●	●	●
	CW20S	900	36	0.53	0.69	426	940	100	●	●	●	●	⦿	●	●	●
	CW20S	1000	39	0.60	0.78	451	995	100	⦿	●	●	●	⊖	●	●	●
	CW20S	1100	43	0.68	0.89	487	1,073	100	⊖	⦿	●	●	⊖	⦿	●	●
	CW20S	1200	48	0.76	1.00	516	1,137	100	○	⊖	●	●	○	⊖	●	●
Heavy Duty (HD)	CW20S	500	20	0.24	0.31	321	708	100	●	●	●	●	●	●	●	●
	CW20S	1200	48	0.76	1.00	526	1,160	100	○	⊖	●	●	○	⊖	●	●
Ditch Cleaning (DC)	CW20S	1800	72	0.68	0.89	457	1,008	100	⊖	⦿	●	●	⊖	⦿	●	●
	CW20S	2000	78	1.00	1.31	531	1,171	100	◇	○	●	●	◇	○	●	●
Ditch Cleaning Tilt (DCT)	CW20S	1800	72	0.60	0.78	732	1,614	100	○	⦿	●	●	○	⊖	●	●
Maximum load with coupler (payload + bucket)								kg	1564	1810	3043	3748	1474	1706	2865	3524
								lb	3,448	3,990	6,710	8,262	3,250	3,761	6,317	7,769

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451:2007.

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(continued on next page)

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
		Width		Capacity		Weight		Fill	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
Pin-On, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	⊖	●	●	●	⊖	◉	●	●
	312	1500	59	0.65	0.85	514	1,133	100	◇	⊖	●	●	◇	○	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	○	⊖	●	●	◇	⊖	●	●
	312	1100	43	0.7	0.92	521	1,149	100	◇	○	●	●	◇	○	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1234	1480	2713	3418	1144	1376	2535	3194
								lb	2,721	3,263	5,981	7,535	2,522	3,034	5,589	7,042
Pin-On, TRS12 S60 (no hook)																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	⊖	●	●	●	⊖	◉	●	●
	312	1500	59	0.65	0.85	514	1,133	100	◇	⊖	●	●	◇	○	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	○	⊖	●	●	◇	⊖	●	●
	312	1100	43	0.7	0.92	521	1,149	100	◇	○	●	●	◇	○	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1240	1486	2719	3424	1150	1382	2541	3200
								lb	2,734	3,276	5,994	7,549	2,535	3,047	5,602	7,055
S60, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	○	◉	●	●	○	⊖	●	●
	312	1500	59	0.65	0.85	514	1,133	100	◇	○	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	◇	○	●	●	◇	○	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	○	●	●	X	◇	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1099	1345	2578	3283	1009	1241	2400	3059
								lb	2,423	2,965	5,684	7,238	2,224	2,736	5,291	6,744
S60, TRS12 S60 - GM																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	◇	⊖	●	●	◇	○	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	X	○	●	●	X	◇	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	◇	●	●	X	◇	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	◉	●	●	●
Maximum load with coupler (payload + bucket)								kg	995	1241	2474	3179	905	1137	2296	2955
								lb	2,194	2,736	5,454	7,008	1,995	2,507	5,062	6,515

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451:2007.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On, TRS12 HCS60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	⊖	●	●	●	○	◉	●	●
	312	1500	59	0.65	0.85	514	1,133	100	◇	⊖	●	●	◇	○	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	○	⊖	●	●	◇	⊖	●	●
	312	1100	43	0.7	0.92	521	1,149	100	◇	○	●	●	◇	○	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1214	1460	2693	3398	1124	1356	2515	3174
								lb	2,676	3,219	5,937	7,491	2,478	2,989	5,545	6,997
HCS60, TRS12 HCS60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	○	◉	●	●	◇	⊖	●	●
	312	1500	59	0.65	0.85	514	1,133	100	X	○	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	◇	○	●	●	X	○	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	◇	●	●	X	◇	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	◉	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1068	1314	2547	3252	978	1210	2369	3028
								lb	2,355	2,897	5,615	7,169	2,156	2,668	5,223	6,676
HCS60, TRS12 S60																
Grading – General Duty	312	980	39	0.5	0.65	431	950	100	○	◉	●	●	◇	⊖	●	●
	312	1500	59	0.65	0.85	514	1,133	100	◇	○	●	●	X	◇	●	●
Digging – General Duty	312	980	39	0.6	0.78	490	1,080	100	◇	○	●	●	X	○	●	●
	312	1100	43	0.7	0.92	521	1,149	100	X	○	●	●	X	◇	●	●
Trenching – General Duty	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1088	1334	2567	3272	998	1230	2389	3048
								lb	2,399	2,941	5,659	7,214	2,200	2,712	5,267	6,720

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Australia and New Zealand

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	3300 kg (7,280 lb) Counterweight							
									Variable Adjustable Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On (No Quick Coupler)																
General Duty (GD) (No Adjuster)	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	◉	●	●	●	◉	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	◉	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	⊖	◉	●	●	○	◉	●	●
Ditch Cleaning Tilt (DCT)	312	1500	60	0.74	0.98	704	1,553	100	◇	○	●	●	◇	○	●	●
	312	1800	72	0.90	1.18	784	1,728	100	X	◇	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)								kg	1468	1696	2826	3465	1396	1612	2679	3280
								lb	3,237	3,740	6,230	7,638	3,077	3,554	5,906	7,230
With Cat Pin Grabber Coupler																
General Duty (GD) (No Adjuster)	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	◉	●	●	●	◉	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	◉	●	●	●	◉	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	⊖	◉	●	●	○	◉	●	●
Ditch Cleaning Tilt (DCT)	312	1500	60	0.74	0.98	704	1,553	100	◇	○	●	●	◇	○	●	●
	312	1800	72	0.90	1.18	784	1,728	100	X	◇	●	●	X	◇	●	●
Maximum load with coupler (payload + bucket)								kg	1268	1497	2626	3265	1196	1412	2479	3080
								lb	2,796	3,299	5,790	7,198	2,637	3,113	5,466	6,790

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Australia and New Zealand *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									4650 mm (15'3") One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
		Width		Capacity		Weight		Fill	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
	Linkage	mm	in	m^3	yd^3	kg	lb	%								
Pin-On (No Quick Coupler)																
General Duty (GD) – ANZ	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	●	●	●	●	●	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	◉	●	●	●	◉	●	●	●
Ditch Cleaning Tilt (DCT)	312	1500	60	0.74	0.98	704	1,553	100	○	◉	●	●	○	⊖	●	●
	312	1800	72	0.90	1.18	784	1,728	100	◇	○	●	●	◇	○	●	●
Maximum load with pin-on (payload + bucket)								kg	1747	1993	3226	3931	1657	1889	3048	3707
								lb	3,851	4,393	7,113	8,666	3,653	4,165	6,721	8,172
With Cat Pin Grabber Coupler																
General Duty (GD) – ANZ	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	●	●
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	●	●	●	●	●	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	◉	●	●	●	◉	●	●	●
Ditch Cleaning Tilt (DCT)	312	1500	60	0.74	0.98	704	1,553	100	○	◉	●	●	○	⊖	●	●
	312	1800	72	0.90	1.18	784	1,728	100	◇	○	●	●	◇	○	●	●
Maximum load with coupler (payload + bucket)								kg	1547	1793	3027	3731	1457	1689	2849	3507
								lb	3,411	3,953	6,673	8,225	3,213	3,724	6,280	7,732

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ◉ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

M314 Wheel Excavator Specifications

Bucket Specifications and Compatibility – South Korea

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	3300 kg (7,280 lb) Counterweight							
									Variable Adjustable Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	mm	in	m^3	yd^3	kg	lb	%	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On (No Quick Coupler)																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	◉	●	●	●	⊖	◉	●	●
	312	1200	48	0.76	1.00	504	1,110	100	○	⊖	●	●	○	⊖	●	●
Severe Duty (SD)	312	1050	42	0.65	0.85	554	1,221	90	⊖	◉	●	●	⊖	◉	●	●
Maximum load with pin-on (payload + bucket)								kg	1468	1696	2826	3465	1396	1612	2679	3280
								lb	3,237	3,740	6,230	7,638	3,077	3,554	5,906	7,230
With Cat Pin Grabber Coupler																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	◉	●	●	●	⊖	◉	●	●
	312	1200	48	0.76	1.00	504	1,110	100	○	⊖	●	●	○	⊖	●	●
Severe Duty (SD)	312	1050	42	0.65	0.85	554	1,221	100	○	◉	●	●	○	⊖	●	●
Maximum load with coupler (payload + bucket)								kg	1268	1497	2626	3265	1196	1412	2479	3080
								lb	2,796	3,299	5,790	7,198	2,637	3,113	5,466	6,790

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

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(continued on next page)

Bucket Specifications and Compatibility – South Korea *(continued)*

Contact your Cat dealer for special bucket requirements.

									3300 kg (7,280 lb) Counterweight							
									4400 mm (14'5") One-Piece Boom							
									2200 mm (7'3") Stick				2500 mm (8'2") Stick			
	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered	Free on wheels	Rear dozer blade lowered	Front dozer and rear stabilizer lowered	Four stabilizers lowered
Pin-On (No Quick Coupler)																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	504	1,110	100	◉	●	●	●	⊖	◉	●	●
Severe Duty (SD) – CCL	312	1050	42	0.65	0.85	554	1,221	90	●	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1856	2113	3414	4162	1757	1998	3216	3913
								lb	4,091	4,658	7,526	9,176	3,873	4,406	7,091	8,628
With Cat Pin Grabber Coupler																
General Duty (GD)	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●	●	●
	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●	●	●
	312	1200	48	0.76	1.00	504	1,110	100	◉	●	●	●	⊖	◉	●	●
Severe Duty (SD) – CCL	312	1050	42	0.65	0.85	554	1,221	100	●	●	●	●	◉	●	●	●
Maximum load with coupler (payload + bucket)								kg	1656	1913	3214	3963	1557	1799	3017	3714
								lb	3,651	4,218	7,086	8,736	3,432	3,965	6,651	8,187

The above loads are in compliance with hydraulic excavator standard EN474-5:2022/AC:2022, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ◉ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)

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M314 Wheel Excavator Specifications

Attachments Offering Guide – North America

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓	✓	✓	✓*	✓*
Mulchers	HM2615	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●		
	GSH420-600	●	●	●	●	●	●		
	GSH520-500	●	●	●	●	●	●		
	GSH520-600	●	○	●	○	●	○		

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓*
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM2615	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓	✓	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – North America *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓	✓	✓		
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓	✓	✓		
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓	✓	✓		
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓		✓		✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – North America *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

HCS65 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓		✓		✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

TRS12 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓*	
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓*

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (HCS60 TOP/HCS60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade
Counterweight		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)		3300 kg (7,280 lb)
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")
	H110 S	✓	✓	✓	✓	✓	✓	

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

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Attachments Offering Guide – Europe

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³) | ◇ 600 kg/m³ (1,000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		**Front and Rear Outriggers**					
Counterweight		**3300 kg (7,280 lb)**					
Boom Type		**Variable Adjustable**			**4.65 m (15'3") One-Piece**		
Stick Length		**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H110 GC S	✓	✓		✓	✓	
	H110 S	✓	✓				
	H115 GC S	✓	✓		✓	✓	
	H115 S	✓	✓				
Demolition and Sorting Grapples	G312 GC	✓	✓		✓	✓	
	G313 GC	✓	✓		✓	✓	
	G314	✓	✓		✓	✓	
Mobile Scrap and Demolition Shears	S3015 Flat Top				✓	✓	
Pulverizers	P214 Secondary Pulverizer				✓	✓	
Compactors (Vibratory Plate)	CVP75	✓	✓		✓	✓	
Rotary Cutters	RC10	✓	✓		✓	✓	
Orange Peel Grapples	GSH420-500	●	●		●	●	
	GSH420-600	●	●		●	●	
	GSH520-500	●	●		●	●	
	GSH520-600	●	○		●	○	
	GSV420-400	●	●	●	●	●	●
	GSV420-500	●	●	●	●	●	●
	GSV420-600	●	●	●	●	●	●
	GSV520 GC-400	●	●		●	●	
	GSV520 GC-500	●	●		●	●	
	GSV520 GC-600	●	●		●	●	
	GSV520-400	●	●		●	●	
	GSV520-500	●	●		●	●	
	GSV520-600	●	●		●	●	

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³) | ◇ 600 kg/m³ (1,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		**Front Blade; Rear Outriggers**					
Counterweight		**3300 kg (7,280 lb)**					
Boom Type		**Variable Adjustable**			**4.65 m (15'3") One-Piece**		
Stick Length		**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H110 GC S	✓	✓		✓	✓	
	H110 S	✓	✓				
	H115 GC S	✓	✓		✓	✓	
	H115 S	✓	✓				
Demolition and Sorting Grapples	G312 GC	✓	✓		✓	✓	
	G313 GC	✓	✓		✓	✓	
	G314	✓	✓		✓	✓	
Mobile Scrap and Demolition Shears	S3015 Flat Top				✓	✓	
Pulverizers	P214 Secondary Pulverizer				✓	✓	
Compactors (Vibratory Plate)	CVP75	✓	✓		✓	✓	
Rotary Cutters	RC10	✓	✓		✓	✓	
Orange Peel Grapples	GSH420-500	●	●		●	●	
	GSH420-600	●	●		●	●	
	GSH520-500	●	○		●	○	
	GSH520-600	●	●		●	●	
	GSV420-400	●	●	●	●	●	●
	GSV420-500	●	●	●	●	●	●
	GSV420-600	●	●	●	●	●	●
	GSV520 GC-400	●	●		●	●	
	GSV520 GC-500	●	●		●	●	
	GSV520 GC-600	●	●		●	●	
	GSV520-400	●	●		●	●	
	GSV520-500	●	●		●	●	
	GSV520-600	●	●		●	●	

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³) | ◇ 600 kg/m³ (1,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		**Front Outriggers; Rear Blade**					
Counterweight		**3300 kg (7,280 lb)**					
Boom Type		**Variable Adjustable**			**4.65 m (15'3") One-Piece**		
Stick Length		**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H110 GC S	✓	✓		✓	✓	
	H110 S	✓	✓				
	H115 GC S	✓	✓		✓	✓	
	H115 S	✓	✓				
Demolition and Sorting Grapples	G312 GC	✓	✓		✓	✓	
	G313 GC	✓	✓		✓	✓	
	G314	✓	✓		✓	✓	
Mobile Scrap and Demolition Shears	S3015 Flat Top				✓	✓	
Pulverizers	P214 Secondary Pulverizer				✓	✓	
Compactors (Vibratory Plate)	CVP75	✓	✓		✓	✓	
Rotary Cutters	RC10	✓	✓		✓	✓	
Orange Peel Grapples	GSH420-500	●	●		●	●	
	GSH420-600	●	●		●	●	
	GSH520-500	●	○		●	●	
	GSH520-600	●	●		●	○	
	GSV420-400	●	●	●	●	●	●
	GSV420-500	●	●	●	●	●	●
	GSV420-600	●	●	●	●	●	●
	GSV520 GC-400	●	●		●	●	
	GSV520 GC-500	●	●		●	●	
	GSV520 GC-600	●	●		●	●	
	GSV520-400	●	●		●	●	
	GSV520-500	●	●		●	●	
	GSV520-600	●	●		●	●	

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match | ● 1800 kg/m³ (3,000 lb/yd³) | ○ 1200 kg/m³ (2,000 lb/yd³)

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		**Rear Blade**					
Counterweight		**3300 kg (7,280 lb)**					
Boom Type		**Variable Adjustable**			**4.65 m (15'3") One-Piece**		
Stick Length		**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.20 m (7'3")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H110 GC S	✓	✓		✓	✓	
	H110 S	✓	✓				
	H115 GC S	✓	✓		✓	✓	
	H115 S	✓	✓				
Demolition and Sorting Grapples	G312 GC	✓	✓		✓	✓	
	G313 GC	✓	✓*		✓	✓	
	G314	✓*	✓*		✓	✓	
Mobile Scrap and Demolition Shears	S3015 Flat Top				✓	✓	
Pulverizers	P214 Secondary Pulverizer				✓	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓		✓	✓	
Rotary Cutters	RC10	✓	✓		✓	✓	
Orange Peel Grapples	GSH420-500				○	○	
	GSV420-400				●	●	●
	GSV420-500				○	○	○
	GSV420-600				○		○
	GSV520 GC-400	○			●	○	
	GSV520 GC-500				○	○	
	GSV520-400				○	○	
	GSV520-500				○		

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC			✓	✓			✓	✓
	G314			✓	✓			✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓	✓			✓	✓
Pulverizers	P214 Secondary Pulverizer			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC S	✓	✓	✓	✓	✓	✓*	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓*		✓	✓
	G313 GC			✓	✓			✓	✓*
	G314			✓	✓			✓*	
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓	✓			✓*	
Pulverizers	P214 Secondary Pulverizer			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

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M314 Wheel Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match * Working range front only No Match

CW-20s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G314	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

CW-20s DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓*		✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓*	✓	✓
	G313 GC	✓	✓	✓	✓			✓	✓
	G314	✓	✓	✓	✓			✓	✓*
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓			✓	✓*
Pulverizers	P214 Secondary Pulverizer			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G312 GC fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G314	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

CW-20 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓*		✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓*	✓*	✓	✓
	G312 GC fixed CAN	✓	✓	✓	✓	✓	✓*	✓	✓
	G313 GC	✓	✓	✓	✓			✓	✓
	G313 GC fixed CAN	✓	✓	✓	✓	✓*		✓	✓
	G314	✓	✓	✓	✓			✓	✓*
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓			✓*	✓*
Pulverizers	P214 Secondary Pulverizer			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

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M314 Wheel Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match * Working range front only No Match

HCCW20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S			✓	✓			✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC			✓				✓	
	G314			✓				✓	
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCCW20 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓			✓	✓
	H110 S	✓	✓	✓	✓	✓	✓*	✓	✓
	H115 GC S			✓	✓				
	H115 S	✓	✓	✓	✓			✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓			✓*	
	G313 GC			✓					
	G314			✓					
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G314	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

S60 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓*	✓	✓
	G313 GC	✓	✓	✓	✓	✓*		✓	✓
	G314	✓	✓	✓	✓			✓	✓*
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓			✓	✓*
Pulverizers	P214 Secondary Pulverizer			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

HCS60 COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G314	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS60 COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓*		✓	✓
	G313 GC	✓	✓	✓	✓			✓	✓*
	G314	✓	✓	✓	✓			✓*	
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓		✓	✓			✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

HCS65 COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G314	✓		✓	✓	✓		✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓				✓	
Pulverizers	P214 Secondary Pulverizer			✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS65 COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓			✓	✓*
	G313 GC	✓	✓	✓	✓			✓*	
	G314	✓		✓	✓				
Mobile Scrap and Demolition Shears	S3015 Flat Top			✓					
Pulverizers	P214 Secondary Pulverizer			✓					
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

TRS12 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G212 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G213 GC	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS *(continued)*

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓*		✓	✓
	H110 S	✓	✓	✓	✓	✓*	✓*	✓	✓
Demolition and Sorting Grapples	G212 GC	✓	✓	✓	✓	✓*		✓	✓
	G213 GC	✓	✓	✓	✓			✓*	✓*

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

TRS12 (S60 TOP/S60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G212 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G213 GC			✓				✓	

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (S60 TOP/S60 BOTTOM) ATTACHMENTS *(continued)*

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front and Rear Outriggers				Rear Blade	
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)	
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓*
	H110 S	✓	✓	✓	✓	✓	✓*
Demolition and Sorting Grapples	G212 GC	✓	✓	✓	✓	✓*	
	G213 GC			✓			

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

TRS12 (PIN-ON TOP/HCS60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage	Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight	3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type	Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers H110 S	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (PIN-ON TOP/HCS60 BOTTOM) ATTACHMENTS *(continued)*

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage	Front and Rear Outriggers				Rear Blade			
Counterweight	3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type	Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers H110 S	✓	✓	✓	✓	✓*	✓*	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

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Attachments Offering Guide – Europe *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

TRS12 (HCS60 TOP/HCS60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage	Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight	3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type	Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers H110 S	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (HCS60 TOP/HCS60 BOTTOM) ATTACHMENTS *(continued)*

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage	Front and Rear Outriggers				Rear Blade	
Counterweight	3300 kg (7,280 lb)				3300 kg (7,280 lb)	
Boom Type	Variable Adjustable		4.65 m (15'3") One-Piece		4.65 m (15'3") One-Piece	
Stick Length	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers H110 S	✓	✓	✓	✓	✓	✓*

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

M314 Wheel Excavator Specifications

Attachments Offering Guide – Australia New Zealand

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G314	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM2615	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G314	✓	✓	✓	✓	✓*	✓*	✓	✓
Mulchers	HM2615	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Australia New Zealand *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G314			✓	✓			✓	✓
Mulchers	HM2516	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓			✓	✓		
	H115 GC	✓	✓	✓	✓	✓*		✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓*	✓	✓
	H115 S	✓	✓			✓	✓		
Demolition and Sorting Grapples	G314			✓	✓			✓*	
Mulchers	HM2516	✓	✓	✓	✓	✓	✓	✓	✓
	HM3013	✓	✓	✓	✓	✓*		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Australia New Zealand *(continued)*

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | * Working range front only | No Match

TRS12 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

TRS12 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS *(continued)*

Some attachments require more hydraulic flow and are best suited with a machine that has HP2 circuits and a tiltrotator with a high flow swivel. Check the hydraulic capability of your machine and tiltrotator and the requirements of your attachment to ensure a proper match.

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.65 m (15'3") One-Piece		Variable Adjustable		4.65 m (15'3") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓*		✓	✓
	H110 S	✓	✓	✓	✓	✓	✓*	✓	✓

NOTE: Use hammers on tiltrotators less than 10% of working hours per year or maximum 200 hours per year. Refer to your Operation and Maintenance Manual for recommended hydraulic flow requirements.

The TRS10 has been replaced by TRS12. For legacy machines or work tool attachments, please consult the appropriate compatibility guide to ensure accurate matching and performance.

Attachments Offering Guide – South Korea

Not all Attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.4 m (14'5") One-Piece		Variable Adjustable		4.4 m (14'5") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3300 kg (7,280 lb)				3300 kg (7,280 lb)			
Boom Type		Variable Adjustable		4.4 m (14'5") One-Piece		Variable Adjustable		4.4 m (14'5") One-Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

M314 Wheel Excavator Specifications

Lift Capacities – Variable Adjustable Boom (5028 mm), 2200 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)
 Load over front
 Load over rear
 Load over side
 Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
														
7500 mm	Undercarriage: front empty – rear dozer – free on wheels				*3800	*3800	3650				*3700	*3700	3600	4510
	Undercarriage: front empty – rear dozer – stabilized				*3800	*3800	*3800				*3700	*3700	*3700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*3800	*3800	*3800				*3700	*3700	*3700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*3800	*3800	*3800				*3700	*3700	*3700	
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4750	4100	3750	*3300	2500	2250	*3100	2450	2250	6040
	Undercarriage: front empty – rear dozer – stabilized				*4750	*4750	4150	*3300	*3300	2550	*3100	*3100	2500	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4750	*4750	*4750	*3300	*3300	*3300	*3100	*3100	*3100	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4750	*4750	*4750	*3300	*3300	*3300	*3100	*3100	*3100	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*5200	3950	3550	3600	2500	2250	2850	1950	1750	6890
	Undercarriage: front empty – rear dozer – stabilized				*5200	*5200	4000	3600	*4300	2550	2850	*2850	2000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*5200	*5200	*5200	*4300	*4300	3900	*2850	*2850	*2850	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*5200	*5200	*5200	*4300	*4300	*4300	*2850	*2850	*2850	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels				5400	3600	3250	3500	2350	2150	2550	1700	1550	7340
	Undercarriage: front empty – rear dozer – stabilized				5400	*6000	3700	3500	*4550	2400	2550	*2850	1750	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6000	*6000	5850	*4550	*4550	3750	*2850	*2850	2750	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6000	*6000	*6000	*4550	*4550	4550	*2850	*2850	*2850	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5100	3350	3000	3350	2250	2000	2450	1650	1450	7450
	Undercarriage: front empty – rear dozer – stabilized				5100	*6550	3400	3350	*4750	2300	2450	*3000	1650	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6550	*6550	5550	*4750	*4750	3650	*3000	*3000	2650	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6550	*6550	*6550	*4750	*4750	4400	*3000	*3000	*3000	
0 mm	Undercarriage: front empty – rear dozer – free on wheels				4950	3200	2850	3250	2150	1950	2550	1650	1500	7230
	Undercarriage: front empty – rear dozer – stabilized				4950	*6350	3250	3250	*4650	2200	2500	*3300	1700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6350	*6350	5400	*4650	*4650	3550	*3300	*3300	2750	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6350	*6350	*6350	*4650	*4650	4300	*3300	*3300	*3300	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*6850	5950	5200	4950	3150	2850	3250	2150	1950	2850	1900	1700	6670
	Undercarriage: front empty – rear dozer – stabilized	*6850	*6850	6050	4900	*5500	3250	3250	*3950	2200	2800	*3150	1900	
	Undercarriage: front dozer – rear stabilizer – stabilized	*6850	*6850	*6850	*5500	*5500	5350	*3950	*3950	3550	*3150	*3150	3050	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*6850	*6850	*6850	*5500	*5500	*5500	*3950	*3950	*3950	*3150	*3150	*3150	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom (16'6"), 7'3" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
														
25 ft	Undercarriage: front empty – rear dozer – free on wheels										*8,400	*8,400	*8,400	14.24
	Undercarriage: front empty – rear dozer – stabilized										*8,400	*8,400	*8,400	
	Undercarriage: front dozer – rear stabilizer – stabilized										*8,400	*8,400	*8,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*8,400	*8,400	*8,400	
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,400	8,800	8,000				*6,800	5,600	5,100	19.55
	Undercarriage: front empty – rear dozer – stabilized				*10,400	*10,400	9,000				*6,800	*6,800	5,700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,400	*10,400	*10,400				*6,800	*6,800	*6,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,400	*10,400	*10,400				*6,800	*6,800	*6,800	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*11,300	8,500	7,700	7,800	5,300	4,900	*6,300	4,300	3,900	22.51
	Undercarriage: front empty – rear dozer – stabilized				*11,300	*11,300	8,600	7,800	*9,400	5,400	*6,300	*6,300	4,400	
	Undercarriage: front dozer – rear stabilizer – stabilized				*11,300	*11,300	*11,300	*9,400	*9,400	8,400	*6,300	*6,300	*6,300	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*11,300	*11,300	*11,300	*9,400	*9,400	*9,400	*6,300	*6,300	*6,300	
10 ft	Undercarriage: front empty – rear dozer – free on wheels				11,700	7,800	7,100	7,500	5,100	4,600	5,600	3,800	3,400	24.05
	Undercarriage: front empty – rear dozer – stabilized				11,600	*13,000	8,000	7,500	*9,900	5,200	5,600	*6,300	3,900	
	Undercarriage: front dozer – rear stabilizer – stabilized				*13,000	*13,000	12,700	*9,900	*9,900	8,100	*6,300	*6,300	6,100	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*13,000	*13,000	*13,000	*9,900	*9,900	9,800	*6,300	*6,300	*6,300	
5 ft	Undercarriage: front empty – rear dozer – free on wheels				11,000	7,200	6,500	7,200	4,800	4,400	5,400	3,600	3,200	24.44
	Undercarriage: front empty – rear dozer – stabilized				11,000	*14,100	7,300	7,200	*10,300	4,900	5,400	*6,600	3,700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,100	*14,100	12,000	*10,300	*10,300	7,800	*6,600	*6,600	5,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,100	*14,100	*14,100	*10,300	*10,300	9,500	*6,600	*6,600	*6,600	
0 ft	Undercarriage: front empty – rear dozer – free on wheels				10,700	6,900	6,100	7,000	4,600	4,200	5,600	3,700	3,300	23.72
	Undercarriage: front empty – rear dozer – stabilized				10,600	*13,800	7,000	7,000	*10,000	4,800	5,500	*7,300	3,800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*13,800	*13,800	11,600	*10,000	*10,000	7,600	*7,300	*7,300	6,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*13,800	*13,800	*13,800	*10,000	*10,000	9,300	*7,300	*7,300	*7,300	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*15,400	12,800	11,200	10,600	6,800	6,100	7,000	4,600	4,200	6,300	4,200	3,700	21.85
	Undercarriage: front empty – rear dozer – stabilized	*15,400	*15,400	13,000	10,600	*11,900	7,000	7,000	*8,500	4,700	6,200	*6,900	4,300	
	Undercarriage: front dozer – rear stabilizer – stabilized	*15,400	*15,400	*15,400	*11,900	*11,900	11,600	*8,500	*8,500	7,600	*6,900	*6,900	6,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*15,400	*15,400	*15,400	*11,900	*11,900	*11,900	*8,500	*8,500	*8,500	*6,900	*6,900	*6,900	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – Variable Adjustable Boom (5028 mm), 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)

 Load over front

 Load over rear

 Load over side

 Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
7500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4100	*4100	3750							*3100	*3100	*3100	4990
	Undercarriage: front empty – rear dozer – stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4150	*4150	3800	*3700	2550	2350				*2650	2300	2100	6390
	Undercarriage: front empty – rear dozer – stabilized				*4150	*4150	*4150	3700	*3700	2600				*2650	*2650	2300	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4150	*4150	*4150	*3700	*3700	*3700				*2650	*2650	*2650	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4150	*4150	*4150	*3700	*3700	*3700				*2650	*2650	*2650	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4750	4000	3650	3650	2550	2300				*2500	1850	1650	7200
	Undercarriage: front empty – rear dozer – stabilized				*4750	*4750	4050	3650	*4200	2600				*2500	*2500	1850	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4750	*4750	*4750	*4200	*4200	3950				*2500	*2500	*2500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4750	*4750	*4750	*4200	*4200	*4200				*2500	*2500	*2500	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels				5500	3700	3350	3550	2400	2200	2500	1700	1500	2450	1650	1500	7630
	Undercarriage: front empty – rear dozer – stabilized				5500	*5850	3750	3500	*4500	2450	2500	*3200	1700	2400	*2450	1650	
	Undercarriage: front dozer – rear stabilizer – stabilized				*5850	*5850	*5850	*4500	*4500	3800	*3200	*3200	2700	*2450	*2450	*2450	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*5850	*5850	*5850	*4500	*4500	*4500	*3200	*3200	*3200	*2450	*2450	*2450	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5150	3400	3050	3400	2250	2050	2450	1650	1500	2350	1550	1400	7730
	Undercarriage: front empty – rear dozer – stabilized				5150	*6500	3450	3400	*4750	2300	2450	*3700	1650	2300	*2550	1600	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6500	*6500	5600	*4750	*4750	3650	*3700	*3700	2650	*2550	*2550	2500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6500	*6500	*6500	*4750	*4750	4450	*3700	*3700	3200	*2550	*2550	*2550	
0 mm	Undercarriage: front empty – rear dozer – free on wheels				5000	3250	2900	3300	2150	1950	2400	1600	1450	2400	1600	1450	7530
	Undercarriage: front empty – rear dozer – stabilized				4950	*6500	3300	3300	*4700	2250	2400	*3100	1650	2400	*2850	1650	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6500	*6500	5450	*4700	*4700	3550	*3100	*3100	2600	*2850	*2850	2600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6500	*6500	*6500	*4700	*4700	4350	*3100	*3100	*3100	*2850	*2850	*2850	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*6450	5950	5200	4950	3200	2850	3250	2150	1950				2650	1750	1600	6990
	Undercarriage: front empty – rear dozer – stabilized	*6450	*6450	6050	4900	*5750	3250	3250	*4200	2200				2650	*3100	1800	
	Undercarriage: front dozer – rear stabilizer – stabilized	*6450	*6450	*6450	*5750	*5750	5400	*4200	*4200	3550				*3100	*3100	2900	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*6450	*6450	*6450	*5750	*5750	*5750	*4200	*4200	*4200				*3100	*3100	*3100	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4200	3250	2900										
	Undercarriage: front empty – rear dozer – stabilized				*4200	*4200	3300										
	Undercarriage: front dozer – rear stabilizer – stabilized				*4200	*4200	*4200										
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4200	*4200	*4200										

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom (16'6"), 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft						ft
																	
25 ft	Undercarriage: front empty – rear dozer – free on wheels				*8,500	*8,500	8,000							*7,000	*7,000	*7,000	15.85
	Undercarriage: front empty – rear dozer – stabilized				*8,500	*8,500	*8,500							*7,000	*7,000	*7,000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*8,500	*8,500	*8,500							*7,000	*7,000	*7,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*8,500	*8,500	*8,500							*7,000	*7,000	*7,000	
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*9,200	9,000	8,200	*7,500	5,500	5,000				*5,900	5,100	4,700	20.73
	Undercarriage: front empty – rear dozer – stabilized				*9,200	*9,200	9,100	*7,500	*7,500	5,600				*5,900	*5,900	5,200	
	Undercarriage: front dozer – rear stabilizer – stabilized				*9,200	*9,200	*9,200	*7,500	*7,500	*7,500				*5,900	*5,900	*5,900	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*9,200	*9,200	*9,200	*7,500	*7,500	*7,500				*5,900	*5,900	*5,900	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,400	8,600	7,800	7,900	5,400	5,000				*5,500	4,100	3,700	23.52
	Undercarriage: front empty – rear dozer – stabilized				*10,400	*10,400	8,800	7,900	*9,100	5,500				*5,500	*5,500	4,200	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,400	*10,400	*10,400	*9,100	*9,100	8,500				*5,500	*5,500	*5,500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,400	*10,400	*10,400	*9,100	*9,100	*9,100				*5,500	*5,500	*5,500	
10 ft	Undercarriage: front empty – rear dozer – free on wheels				11,900	8,000	7,200	7,600	5,200	4,700	5,400	3,600	3,300	5,400	3,600	3,300	25.00
	Undercarriage: front empty – rear dozer – stabilized				11,800	*12,600	8,100	7,600	*9,700	5,300	5,300	*5,400	3,700	5,300	*5,400	3,700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*12,600	*12,600	*12,600	*9,700	*9,700	8,200	*5,400	*5,400	*5,400	*5,400	*5,400	*5,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*12,600	*12,600	*12,600	*9,700	*9,700	*9,700	*5,400	*5,400	*5,400	*5,400	*5,400	*5,400	
5 ft	Undercarriage: front empty – rear dozer – free on wheels				11,100	7,300	6,600	7,300	4,900	4,400	5,300	3,500	3,200	5,100	3,400	3,100	25.36
	Undercarriage: front empty – rear dozer – stabilized				11,100	*14,000	7,500	7,300	*10,300	5,000	5,200	*7,300	3,600	5,100	*5,700	3,500	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,000	*14,000	12,100	*10,300	*10,300	7,900	*7,300	*7,300	5,700	*5,700	*5,700	5,600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,000	*14,000	*14,000	*10,300	*10,300	9,600	*7,300	*7,300	6,900	*5,700	*5,700	*5,700	
0 ft	Undercarriage: front empty – rear dozer – free on wheels				10,700	7,000	6,200	7,100	4,700	4,200				5,300	3,500	3,200	24.70
	Undercarriage: front empty – rear dozer – stabilized				10,700	*14,000	7,100	7,100	*10,200	4,800				5,300	*6,200	3,600	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,000	*14,000	11,700	*10,200	*10,200	7,700				*6,200	*6,200	5,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,000	*14,000	*14,000	*10,200	*10,200	9,300				*6,200	*6,200	*6,200	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*14,800	12,800	11,100	10,600	6,900	6,100	7,000	4,600	4,200				5,900	3,900	3,500	22.90
	Undercarriage: front empty – rear dozer – stabilized	*14,800	*14,800	13,000	10,600	*12,500	7,000	7,000	*9,000	4,700				5,900	*6,800	4,000	
	Undercarriage: front dozer – rear stabilizer – stabilized	*14,800	*14,800	*14,800	*12,500	*12,500	11,600	*9,000	*9,000	7,600				*6,800	*6,800	6,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*14,800	*14,800	*14,800	*12,500	*12,500	*12,500	*9,000	*9,000	*9,000				*6,800	*6,800	*6,800	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels				*9,000	7,000	6,300										
	Undercarriage: front empty – rear dozer – stabilized				*9,000	*9,000	7,200										
	Undercarriage: front dozer – rear stabilizer – stabilized				*9,000	*9,000	*9,000										
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*9,000	*9,000	*9,000										

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – Variable Adjustable Boom (5028 mm), 2900 mm Industrial Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)
 Load over front
 Load over rear
 Load over side
 Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
7500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4200	*4200	4050							*3500	3400	3100	5280
	Undercarriage: front empty – rear dozer – stabilized				*4200	*4200	*4200							*3500	*3500	3450	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4200	*4200	*4200							*3500	*3500	*3500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4200	*4200	*4200							*3500	*3500	*3500	
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4150	*4150	4050	3950	2800	2600				*3150	2400	2200	6620
	Undercarriage: front empty – rear dozer – stabilized				*4150	*4150	*4150	3950	*4000	2850				*3150	*3150	2450	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4150	*4150	*4150	*4000	*4000	*4000				*3150	*3150	*3150	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4150	*4150	*4150	*4000	*4000	*4000				*3150	*3150	*3150	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4600	4250	3900	3900	2750	2550				2800	1950	1800	7410
	Undercarriage: front empty – rear dozer – stabilized				*4600	*4600	4350	3900	*4250	2800				2800	*3100	2000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4600	*4600	*4600	*4250	*4250	4200				*3100	*3100	3000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4600	*4600	*4600	*4250	*4250	*4250				*3100	*3100	*3100	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels				5800	4000	3600	3750	2650	2400	2700	1900	1750	2550	1800	1650	7820
	Undercarriage: front empty – rear dozer – stabilized				5750	*5800	4050	3750	*4600	2700	2700	*3800	1950	2550	*3200	1800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*5800	*5800	*5800	*4600	*4600	4050	*3800	*3800	2900	*3200	*3200	2750	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*5800	*5800	*5800	*4600	*4600	*4600	*3800	*3800	3450	*3200	*3200	*3200	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5450	3700	3350	3650	2500	2300	2650	1850	1700	2450	1700	1550	7920
	Undercarriage: front empty – rear dozer – stabilized				5450	*6650	3750	3600	*4900	2550	2650	3950	1900	2450	*3400	1750	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6650	*6650	5900	*4900	*4900	3900	*3950	*3950	2850	*3400	*3400	2650	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6650	*6650	*6650	*4900	*4900	4700	*3950	*3950	3400	*3400	*3400	3150	
0 mm	Undercarriage: front empty – rear dozer – free on wheels				5250	3500	3150	3500	2400	2200	2600	1800	1650	2500	1750	1600	7720
	Undercarriage: front empty – rear dozer – stabilized				5250	*6800	3550	3500	*5000	2450	2600	*3800	1850	2500	*3650	1750	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6800	*6800	5700	*5000	*5000	3800	*3800	*3800	2800	*3650	*3650	2700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6800	*6800	*6800	*5000	*5000	4550	*3800	*3800	3350	*3650	*3650	3200	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*7350	6200	5450	5200	3400	3100	3450	2350	2150				2750	1850	1700	7200
	Undercarriage: front empty – rear dozer – stabilized	*7350	*7350	6300	5150	*6300	3500	3450	*4650	2400				2700	*3500	1900	
	Undercarriage: front dozer – rear stabilizer – stabilized	*7350	*7350	*7350	*6300	*6300	5650	*4650	*4650	3750				*3500	*3500	2950	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*7350	*7350	*7350	*6300	*6300	*6300	*4650	*4650	4500				*3500	*3500	*3500	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels				*5000	3450	3100	3500	2400	2150				*3200	2250	2050	6260
	Undercarriage: front empty – rear dozer – stabilized				*5000	*5000	3500	3500	*3500	2450				*3200	*3200	2300	
	Undercarriage: front dozer – rear stabilizer – stabilized				*5000	*5000	*5000	*3500	*3500	*3500				*3200	*3200	*3200	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*5000	*5000	*5000	*3500	*3500	*3500				*3200	*3200	*3200	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom (16'6"), 9'6" Industrial Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft						ft
25 ft	Undercarriage: front empty – rear dozer – free on wheels				*9,200	*9,200	8,700							*7,800	7,800	7,200	16.86
	Undercarriage: front empty – rear dozer – stabilized				*9,200	*9,200	*9,200							*7,800	*7,800	*7,800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*9,200	*9,200	*9,200							*7,800	*7,800	*7,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*9,200	*9,200	*9,200							*7,800	*7,800	*7,800	
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*9,200	*9,200	8,700	8,500	6,000	5,600				*7,000	5,300	4,900	21.49
	Undercarriage: front empty – rear dozer – stabilized				*9,200	*9,200	*9,200	8,500	*8,500	6,100				*7,000	*7,000	5,400	
	Undercarriage: front dozer – rear stabilizer – stabilized				*9,200	*9,200	*9,200	*8,500	*8,500	*8,500				*7,000	*7,000	*7,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*9,200	*9,200	*9,200	*8,500	*8,500	*8,500				*7,000	*7,000	*7,000	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,100	9,200	8,400	8,400	5,900	5,500				6,200	4,400	4,000	24.21
	Undercarriage: front empty – rear dozer – stabilized				*10,100	*10,100	9,300	8,400	*9,200	6,000				6,200	*6,800	4,500	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,100	*10,100	*10,100	*9,200	*9,200	9,000				*6,800	*6,800	6,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,100	*10,100	*10,100	*9,200	*9,200	*9,200				*6,800	*6,800	*6,800	
10 ft	Undercarriage: front empty – rear dozer – free on wheels				12,500	8,600	7,800	8,100	5,700	5,200	5,900	4,100	3,800	5,600	3,900	3,600	25.62
	Undercarriage: front empty – rear dozer – stabilized				12,400	*12,600	8,700	8,100	*10,000	5,800	5,800	*8,200	4,200	5,600	*7,000	4,000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*12,600	*12,600	*12,600	*10,000	*10,000	8,700	*8,200	*8,200	6,300	*7,000	*7,000	6,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*12,600	*12,600	*12,600	*10,000	*10,000	*10,000	*8,200	*8,200	7,400	*7,000	*7,000	*7,000	
5 ft	Undercarriage: front empty – rear dozer – free on wheels				11,800	8,000	7,200	7,800	5,400	4,900	5,700	4,000	3,600	5,400	3,700	3,400	25.98
	Undercarriage: front empty – rear dozer – stabilized				11,700	*14,300	8,100	7,800	*10,600	5,500	5,700	8,500	4,100	5,400	*7,500	3,800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,300	*14,300	12,800	*10,600	*10,600	8,400	*8,500	*8,500	6,100	*7,500	*7,500	5,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,300	*14,300	*14,300	*10,600	*10,600	10,100	*8,500	*8,500	7,300	*7,500	*7,500	6,900	
0 ft	Undercarriage: front empty – rear dozer – free on wheels				11,300	7,500	6,800	7,600	5,200	4,700	5,600	3,900	3,500	5,500	3,800	3,500	25.33
	Undercarriage: front empty – rear dozer – stabilized				11,300	*14,800	7,700	7,600	*10,800	5,300	5,600	*8,200	4,000	5,500	*8,000	3,900	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,800	*14,800	12,300	*10,800	*10,800	8,200	*8,200	*8,200	6,000	*8,000	*8,000	5,900	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,800	*14,800	*14,800	*10,800	*10,800	9,800	*8,200	*8,200	7,200	*8,000	*8,000	7,100	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*16,700	13,400	11,700	11,200	7,400	6,700	7,500	5,100	4,600				6,000	4,100	3,800	23.59
	Undercarriage: front empty – rear dozer – stabilized	*16,700	*16,700	13,600	11,100	*13,600	7,500	7,400	*10,000	5,200				6,000	*7,700	4,200	
	Undercarriage: front dozer – rear stabilizer – stabilized	*16,700	*16,700	*16,700	*13,600	*13,600	12,100	*10,000	*10,000	8,100				*7,700	*7,700	6,500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*16,700	*16,700	*16,700	*13,600	*13,600	*13,600	*10,000	*10,000	9,700				*7,700	*7,700	*7,700	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,700	7,500	6,700	*7,300	5,100	4,700				*7,000	5,000	4,600	20.41
	Undercarriage: front empty – rear dozer – stabilized				*10,700	*10,700	7,600	*7,300	*7,300	5,300				*7,000	*7,000	5,100	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,700	*10,700	*10,700	*7,300	*7,300	*7,300				*7,000	*7,000	*7,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,700	*10,700	*10,700	*7,300	*7,300	*7,300				*7,000	*7,000	*7,000	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – One-Piece Boom (4650 mm), 2200 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)
 Load over front
 Load over rear
 Load over side
 Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4700	4100	3750				*3000	2950	2700	5460
	Undercarriage: front empty – rear dozer – stabilized				*4700	*4700	4150				*3000	*3000	*3000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4700	*4700	*4700				*3000	*3000	*3000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4700	*4700	*4700				*3000	*3000	*3000	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*5200	4000	3650	3650	2500	2300	*2800	2250	2050	6400
	Undercarriage: front empty – rear dozer – stabilized				*5200	*5200	4050	3600	*4300	2550	*2800	*2800	2300	
	Undercarriage: front dozer – rear stabilizer – stabilized				*5200	*5200	*5200	*4300	*4300	3900	*2800	*2800	*2800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*5200	*5200	*5200	*4300	*4300	*4300	*2800	*2800	*2800	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels				5500	3750	3400	3550	2450	2200	*2800	1950	1800	6870
	Undercarriage: front empty – rear dozer – stabilized				5500	*6000	3800	3550	*4700	2500	*2800	*2800	2000	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6000	*6000	5950	*4700	*4700	3800	*2800	*2800	*2800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6000	*6000	*6000	*4700	*4700	4600	*2800	*2800	*2800	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5250	3500	3150	3450	2300	2100	2750	1850	1700	6990
	Undercarriage: front empty – rear dozer – stabilized				5200	*6650	3550	3400	*4900	2350	2700	*3000	1900	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6650	*6650	5700	*4900	*4900	3700	*3000	*3000	2950	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6650	*6650	*6650	*4900	*4900	4450	*3000	*3000	*3000	
0 mm	Undercarriage: front empty – rear dozer – free on wheels	*5300	*5300	*5300	5050	3350	3000	3350	2250	2050	2850	1900	1750	6760
	Undercarriage: front empty – rear dozer – stabilized	*5300	*5300	*5300	5050	*6600	3400	3350	*4750	2300	2800	*3450	1950	
	Undercarriage: front dozer – rear stabilizer – stabilized	*5300	*5300	*5300	*6600	*6600	5500	*4750	*4750	3600	*3450	*3450	3050	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*5300	*5300	*5300	*6600	*6600	*6600	*4750	*4750	4350	*3450	*3450	*3450	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*7900	6150	5350	5050	3300	2950	3350	2250	2050	3250	2150	1950	6150
	Undercarriage: front empty – rear dozer – stabilized	*7900	*7900	6200	5000	*5750	3350	3300	*3900	2300	3200	*3650	2200	
	Undercarriage: front dozer – rear stabilizer – stabilized	*7900	*7900	*7900	*5750	*5750	5450	*3900	*3900	3600	*3650	*3650	3500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*7900	*7900	*7900	*5750	*5750	*5750	*3900	*3900	*3900	*3650	*3650	*3650	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*5100	*5100	*5100	*3700	3400	3050				*2900	*2900	2650	5010
	Undercarriage: front empty – rear dozer – stabilized	*5100	*5100	*5100	*3700	*3700	3450				*2900	*2900	*2900	
	Undercarriage: front dozer – rear stabilizer – stabilized	*5100	*5100	*5100	*3700	*3700	*3700				*2900	*2900	*2900	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*5100	*5100	*5100	*3700	*3700	*3700				*2900	*2900	*2900	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (15'3"), 7'3" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
														
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,200	8,800	8,000				*6,700	6,700	6,100	17.62
	Undercarriage: front empty – rear dozer – stabilized				*10,200	*10,200	8,900				*6,700	*6,700	*6,700	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,200	*10,200	*10,200				*6,700	*6,700	*6,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,200	*10,200	*10,200				*6,700	*6,700	*6,700	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*11,300	8,600	7,800	7,800	5,400	4,900	*6,200	5,000	4,600	20.87
	Undercarriage: front empty – rear dozer – stabilized				*11,300	*11,300	8,700	7,800	*8,700	5,500	*6,200	*6,200	5,100	
	Undercarriage: front dozer – rear stabilizer – stabilized				*11,300	*11,300	*11,300	*8,700	*8,700	8,400	*6,200	*6,200	*6,200	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*11,300	*11,300	*11,300	*8,700	*8,700	*8,700	*6,200	*6,200	*6,200	
10 ft	Undercarriage: front empty – rear dozer – free on wheels				11,900	8,100	7,300	7,600	5,200	4,800	*6,200	4,300	3,900	22.54
	Undercarriage: front empty – rear dozer – stabilized				11,800	*13,000	8,200	7,600	*10,200	5,300	*6,200	*6,200	4,400	
	Undercarriage: front dozer – rear stabilizer – stabilized				*13,000	*13,000	12,800	*10,200	*10,200	8,200	*6,200	*6,200	*6,200	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*13,000	*13,000	*13,000	*10,200	*10,200	9,900	*6,200	*6,200	*6,200	
5 ft	Undercarriage: front empty – rear dozer – free on wheels				11,300	7,500	6,800	7,400	5,000	4,600	6,000	4,100	3,700	22.93
	Undercarriage: front empty – rear dozer – stabilized				11,200	*14,400	7,700	7,400	*10,600	5,100	6,000	*6,600	4,200	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,400	*14,400	12,200	*10,600	*10,600	8,000	*6,600	*6,600	6,500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,400	*14,400	*14,400	*10,600	*10,600	9,600	*6,600	*6,600	*6,600	
0 ft	Undercarriage: front empty – rear dozer – free on wheels	*12,200	*12,200	11,500	10,900	7,200	6,500	7,200	4,800	4,400	6,200	4,200	3,800	22.18
	Undercarriage: front empty – rear dozer – stabilized	*12,200	*12,200	*12,200	10,900	*14,400	7,300	7,200	*10,300	5,000	6,200	*7,600	4,300	
	Undercarriage: front dozer – rear stabilizer – stabilized	*12,200	*12,200	*12,200	*14,400	*14,400	11,900	*10,300	*10,300	7,800	*7,600	*7,600	6,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*12,200	*12,200	*12,200	*14,400	*14,400	*14,400	*10,300	*10,300	9,400	*7,600	*7,600	*7,600	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*17,200	13,200	11,500	10,800	7,100	6,400	7,200	4,800	4,400	7,100	4,800	4,400	20.14
	Undercarriage: front empty – rear dozer – stabilized	*17,200	*17,200	13,300	10,800	*12,400	7,300	7,200	*8,200	4,900	7,100	*8,100	4,900	
	Undercarriage: front dozer – rear stabilizer – stabilized	*17,200	*17,200	*17,200	*12,400	*12,400	11,800	*8,200	*8,200	7,800	*8,100	*8,100	7,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*17,200	*17,200	*17,200	*12,400	*12,400	*12,400	*8,200	*8,200	*8,200	*8,100	*8,100	*8,100	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels	*10,900	*10,900	*10,900	*7,700	7,300	6,600				*6,300	*6,300	6,000	16.27
	Undercarriage: front empty – rear dozer – stabilized	*10,900	*10,900	*10,900	*7,700	*7,700	7,500				*6,300	*6,300	*6,300	
	Undercarriage: front dozer – rear stabilizer – stabilized	*10,900	*10,900	*10,900	*7,700	*7,700	*7,700				*6,300	*6,300	*6,300	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*10,900	*10,900	*10,900	*7,700	*7,700	*7,700				*6,300	*6,300	*6,300	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – One-Piece Boom (4650 mm), 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)
 Load over front
 Load over rear
 Load over side
 Load point height

		3000 mm			4500 mm			6000 mm						
	Undercarriage configuration													mm
7500 mm	Undercarriage: front empty – rear dozer – free on wheels										*3100	*3100	*3100	4210
	Undercarriage: front empty – rear dozer – stabilized										*3100	*3100	*3100	
	Undercarriage: front dozer – rear stabilizer – stabilized										*3100	*3100	*3100	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*3100	*3100	*3100	
6000 mm	Undercarriage: front empty – rear dozer – free on wheels										*2600	*2600	2450	5820
	Undercarriage: front empty – rear dozer – stabilized										*2600	*2600	*2600	
	Undercarriage: front dozer – rear stabilizer – stabilized										*2600	*2600	*2600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*2600	*2600	*2600	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4750	4050	3700	3700	2550	2350	*2450	2100	1950	6700
	Undercarriage: front empty – rear dozer – stabilized				*4750	*4750	4100	3650	*4100	2600	*2450	*2450	2150	
	Undercarriage: front dozer – rear stabilizer – stabilized				*4750	*4750	*4750	*4100	*4100	3950	*2450	*2450	*2450	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*4750	*4750	*4750	*4100	*4100	*4100	*2450	*2450	*2450	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*8800	7100	6300	5600	3800	3450	3600	2450	2250	*2450	1850	1700	7160
	Undercarriage: front empty – rear dozer – stabilized	*8800	*8800	7200	5550	*5800	3850	3550	*4600	2500	*2450	*2450	1900	
	Undercarriage: front dozer – rear stabilizer – stabilized	*8800	*8800	*8800	*5800	*5800	*5800	*4600	*4600	3850	*2450	*2450	*2450	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*8800	*8800	*8800	*5800	*5800	*5800	*4600	*4600	*4600	*2450	*2450	*2450	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5300	3550	3200	3450	2350	2150	*2600	1750	1600	7270
	Undercarriage: front empty – rear dozer – stabilized				5300	*6600	3600	3450	*4850	2400	2600	*2600	1800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6600	*6600	5750	*4850	*4850	3750	*2600	*2600	*2600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6600	*6600	*6600	*4850	*4850	4500	*2600	*2600	*2600	
0 mm	Undercarriage: front empty – rear dozer – free on wheels	*5550	*5550	5350	5100	3350	3050	3350	2250	2050	2700	1800	1650	7050
	Undercarriage: front empty – rear dozer – stabilized	*5550	*5550	*5550	5100	*6700	3450	3350	*4850	2300	2650	*2950	1850	
	Undercarriage: front dozer – rear stabilizer – stabilized	*5550	*5550	*5550	*6700	*6700	5550	*4850	*4850	3650	*2950	*2950	2900	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*5550	*5550	*5550	*6700	*6700	*6700	*4850	*4850	4400	*2950	*2950	*2950	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*8550	6150	5350	5050	3300	3000	3350	2250	2050	3000	2050	1850	6470
	Undercarriage: front empty – rear dozer – stabilized	*8550	*8550	6200	5050	*6000	3400	3300	*4200	2300	3000	*3600	2100	
	Undercarriage: front dozer – rear stabilizer – stabilized	*8550	*8550	*8550	*6000	*6000	5500	*4200	*4200	3600	*3600	*3600	3250	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*8550	*8550	*8550	*6000	*6000	*6000	*4200	*4200	*4200	*3600	*3600	*3600	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*5900	*5900	5500	*4250	3350	3050				*3050	2650	2400	5400
	Undercarriage: front empty – rear dozer – stabilized	*5900	*5900	*5900	*4250	*4250	3450				*3050	*3050	2700	
	Undercarriage: front dozer – rear stabilizer – stabilized	*5900	*5900	*5900	*4250	*4250	*4250				*3050	*3050	*3050	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*5900	*5900	*5900	*4250	*4250	*4250				*3050	*3050	*3050	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (15'3"), 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
20 ft	Undercarriage: front empty – rear dozer – free on wheels										*5,700	*5,700	5,600	18.83
	Undercarriage: front empty – rear dozer – stabilized										*5,700	*5,700	*5,700	
	Undercarriage: front dozer – rear stabilizer – stabilized										*5,700	*5,700	*5,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*5,700	*5,700	*5,700	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,300	8,700	8,000	7,900	5,500	5,000	*5,400	4,700	4,300	21.88
	Undercarriage: front empty – rear dozer – stabilized				*10,300	*10,300	8,900	7,900	*8,700	5,600	*5,400	*5,400	4,800	
	Undercarriage: front dozer – rear stabilizer – stabilized				*10,300	*10,300	*10,300	*8,700	*8,700	8,500	*5,400	*5,400	*5,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*10,300	*10,300	*10,300	*8,700	*8,700	*8,700	*5,400	*5,400	*5,400	
10 ft	Undercarriage: front empty – rear dozer – free on wheels	*18,900	15,400	15,400	12,000	8,200	7,500	7,700	5,300	4,900	*5,400	4,100	3,700	23.46
	Undercarriage: front empty – rear dozer – stabilized	*18,900	*18,900	15,500	12,000	*12,600	8,400	7,700	*10,000	5,400	*5,400	*5,400	4,200	
	Undercarriage: front dozer – rear stabilizer – stabilized	*18,900	*18,900	*18,900	*12,600	*12,600	*12,600	*10,000	*10,000	8,300	*5,400	*5,400	*5,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*18,900	*18,900	*18,900	*12,600	*12,600	*12,600	*10,000	*10,000	9,900	*5,400	*5,400	*5,400	
5 ft	Undercarriage: front empty – rear dozer – free on wheels	*11,100	*11,100	*11,100	11,400	7,600	6,900	7,500	5,100	4,600	*5,700	3,900	3,500	23.85
	Undercarriage: front empty – rear dozer – stabilized	*11,100	*11,100	*11,100	11,400	*14,300	7,800	7,400	*10,500	5,200	*5,700	*5,700	4,000	
	Undercarriage: front dozer – rear stabilizer – stabilized	*11,100	*11,100	*11,100	*14,300	*14,300	12,400	*10,500	*10,500	8,000	*5,700	*5,700	*5,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*11,100	*11,100	*11,100	*14,300	*14,300	*14,300	*10,500	*10,500	9,700	*5,700	*5,700	*5,700	
0 ft	Undercarriage: front empty – rear dozer – free on wheels	*12,800	*12,800	11,600	11,000	7,300	6,500	7,300	4,900	4,400	5,900	4,000	3,600	23.13
	Undercarriage: front empty – rear dozer – stabilized	*12,800	*12,800	*12,800	11,000	*14,500	7,400	7,200	*10,500	5,000	5,900	*6,500	4,100	
	Undercarriage: front dozer – rear stabilizer – stabilized	*12,800	*12,800	*12,800	*14,500	*14,500	11,900	*10,500	*10,500	7,800	*6,500	*6,500	6,400	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*12,800	*12,800	*12,800	*14,500	*14,500	*14,500	*10,500	*10,500	9,500	*6,500	*6,500	*6,500	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*18,600	13,200	11,600	10,900	7,100	6,400	7,200	4,800	4,400	6,700	4,500	4,100	21.19
	Undercarriage: front empty – rear dozer – stabilized	*18,600	*18,600	13,400	10,800	*13,000	7,300	7,200	*9,000	4,900	6,600	*7,900	4,600	
	Undercarriage: front dozer – rear stabilizer – stabilized	*18,600	*18,600	*18,600	*13,000	*13,000	11,800	*9,000	*9,000	7,800	*7,900	*7,900	7,200	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*18,600	*18,600	*18,600	*13,000	*13,000	*13,000	*9,000	*9,000	*9,000	*7,900	*7,900	*7,900	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels	*12,700	*12,700	11,800	*9,000	7,300	6,600				*6,600	5,900	5,300	17.59
	Undercarriage: front empty – rear dozer – stabilized	*12,700	*12,700	*12,700	*9,000	*9,000	7,400				*6,600	*6,600	6,000	
	Undercarriage: front dozer – rear stabilizer – stabilized	*12,700	*12,700	*12,700	*9,000	*9,000	*9,000				*6,600	*6,600	*6,600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*12,700	*12,700	*12,700	*9,000	*9,000	*9,000				*6,600	*6,600	*6,600	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – One-Piece Boom (4650 mm), 2900 mm Industrial Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)
 Load over front
 Load over rear
 Load over side
 Load point height

		3000 mm			4500 mm			6000 mm						
	Undercarriage configuration													**mm**
6000 mm	Undercarriage: front empty – rear dozer – free on wheels										*3150	2800	2600	6000
	Undercarriage: front empty – rear dozer – stabilized										*3150	*3150	2850	
	Undercarriage: front dozer – rear stabilizer – stabilized										*3150	*3150	*3150	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*3150	*3150	*3150	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels							3900	2800	2550	*3100	2250	2100	6860
	Undercarriage: front empty – rear dozer – stabilized							3900	*4300	2850	*3100	*3100	2300	
	Undercarriage: front dozer – rear stabilizer – stabilized							*4300	*4300	4200	*3100	*3100	*3100	
	Undercarriage: front stabilizer – rear stabilizer – stabilized							*4300	*4300	*4300	*3100	*3100	*3100	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*8250	7550	6750	*5750	4050	3700	3800	2700	2500	2850	2000	1850	7310
	Undercarriage: front empty – rear dozer – stabilized	*8250	*8250	7650	*5750	*5750	4150	3800	*4650	2750	2850	*3200	2050	
	Undercarriage: front dozer – rear stabilizer – stabilized	*8250	*8250	*8250	*5750	*5750	*5750	*4650	*4650	4100	*3200	*3200	3050	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*8250	*8250	*8250	*5750	*5750	*5750	*4650	*4650	*4650	*3200	*3200	*3200	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels				5600	3800	3450	3700	2550	2350	2750	1900	1750	7420
	Undercarriage: front empty – rear dozer – stabilized				5550	*6650	3900	3650	*5000	2650	2700	*3450	1950	
	Undercarriage: front dozer – rear stabilizer – stabilized				*6650	*6650	6000	*5000	*5000	3950	*3450	*3450	2950	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*6650	*6650	*6650	*5000	*5000	4700	*3450	*3450	3450	
0 mm	Undercarriage: front empty – rear dozer – free on wheels	*7300	6450	5700	5350	3650	3300	3600	2500	2250	2800	1950	1800	7200
	Undercarriage: front empty – rear dozer – stabilized	*7300	*7300	6550	5350	*7000	3700	3550	*5100	2550	2800	*4000	2000	
	Undercarriage: front dozer – rear stabilizer – stabilized	*7300	*7300	*7300	*7000	*7000	5800	*5100	*5100	3850	*4000	*4000	3000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*7300	*7300	*7300	*7000	*7000	*7000	*5100	*5100	4600	*4000	*4000	3550	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*9550	6400	5650	5300	3550	3200	3550	2450	2250	3100	2150	1950	6630
	Undercarriage: front empty – rear dozer – stabilized	*9550	*9550	6500	5250	*6550	3600	3500	*4700	2500	3100	*4050	2200	
	Undercarriage: front dozer – rear stabilizer – stabilized	*9550	*9550	*9550	*6550	*6550	5700	*4700	*4700	3800	*4050	*4050	3300	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*9550	*9550	*9550	*6550	*6550	*6550	*4700	*4700	4550	*4050	*4050	3950	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*7200	6500	5700	*5150	3550	3250				*3800	2700	2450	5600
	Undercarriage: front empty – rear dozer – stabilized	*7200	*7200	6550	*5150	*5150	3650				*3800	*3800	2750	
	Undercarriage: front dozer – rear stabilizer – stabilized	*7200	*7200	*7200	*5150	*5150	*5150				*3800	*3800	*3800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*7200	*7200	*7200	*5150	*5150	*5150				*3800	*3800	*3800	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (15'3"), 9'6" Industrial Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
20 ft	Undercarriage: front empty – rear dozer – free on wheels										*7,000	6,300	5,800	19.42
	Undercarriage: front empty – rear dozer – stabilized										*7,000	*7,000	6,400	
	Undercarriage: front dozer – rear stabilizer – stabilized										*7,000	*7,000	*7,000	
	Undercarriage: front stabilizer – rear stabilizer – stabilized										*7,000	*7,000	*7,000	
15 ft	Undercarriage: front empty – rear dozer – free on wheels							8,400	6,000	5,500	*6,800	5,000	4,600	22.41
	Undercarriage: front empty – rear dozer – stabilized							8,400	*9,300	6,100	*6,800	*6,800	5,100	
	Undercarriage: front dozer – rear stabilizer – stabilized							*9,300	*9,300	9,000	*6,800	*6,800	*6,800	
	Undercarriage: front stabilizer – rear stabilizer – stabilized							*9,300	*9,300	*9,300	*6,800	*6,800	*6,800	
10 ft	Undercarriage: front empty – rear dozer – free on wheels	*17,700	16,300	14,500	*12,400	8,800	8,000	8,200	5,800	5,300	6,300	4,400	4,100	23.95
	Undercarriage: front empty – rear dozer – stabilized	*17,700	*17,700	16,500	*12,400	*12,400	8,900	8,200	*10,100	5,900	6,300	*7,000	4,500	
	Undercarriage: front dozer – rear stabilizer – stabilized	*17,700	*17,700	*17,700	*12,400	*12,400	*12,400	*10,100	*10,100	8,800	*7,000	*7,000	6,700	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*17,700	*17,700	*17,700	*12,400	*12,400	*12,400	*10,100	*10,100	*10,100	*7,000	*7,000	*7,000	
5 ft	Undercarriage: front empty – rear dozer – free on wheels				12,000	8,200	7,500	7,900	5,600	5,100	6,000	4,200	3,900	24.34
	Undercarriage: front empty – rear dozer – stabilized				12,000	*14,400	8,400	7,900	*10,900	5,700	6,000	*7,600	4,300	
	Undercarriage: front dozer – rear stabilizer – stabilized				*14,400	*14,400	13,000	*10,900	*10,900	8,500	*7,600	*7,600	6,500	
	Undercarriage: front stabilizer – rear stabilizer – stabilized				*14,400	*14,400	*14,400	*10,900	*10,900	10,200	*7,600	*7,600	*7,600	
0 ft	Undercarriage: front empty – rear dozer – free on wheels	*16,700	13,900	12,300	11,600	7,800	7,100	7,700	5,400	4,900	6,200	4,300	4,000	23.62
	Undercarriage: front empty – rear dozer – stabilized	*16,700	*16,700	14,100	11,500	*15,200	8,000	7,700	*11,100	5,500	6,100	*8,900	4,400	
	Undercarriage: front dozer – rear stabilizer – stabilized	*16,700	*16,700	*16,700	*15,200	*15,200	12,500	*11,100	*11,100	8,300	*8,900	*8,900	6,600	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*16,700	*16,700	*16,700	*15,200	*15,200	*15,200	*11,100	*11,100	9,900	*8,900	*8,900	7,900	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*20,700	13,800	12,200	11,400	7,600	6,900	7,600	5,300	4,800	6,800	4,700	4,300	21.72
	Undercarriage: front empty – rear dozer – stabilized	*20,700	*20,700	14,000	11,300	*14,200	7,800	7,600	*10,200	5,400	6,800	*8,900	4,800	
	Undercarriage: front dozer – rear stabilizer – stabilized	*20,700	*20,700	*20,700	*14,200	*14,200	12,300	*10,200	*10,200	8,200	*8,900	*8,900	7,300	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*20,700	*20,700	*20,700	*14,200	*14,200	*14,200	*10,200	*10,200	9,800	*8,900	*8,900	8,800	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels	*15,500	13,900	12,300	*11,000	7,700	7,000				*8,300	6,000	5,500	18.24
	Undercarriage: front empty – rear dozer – stabilized	*15,500	*15,500	14,100	*11,000	*11,000	7,800				*8,300	*8,300	6,100	
	Undercarriage: front dozer – rear stabilizer – stabilized	*15,500	*15,500	*15,500	*11,000	*11,000	*11,000				*8,300	*8,300	*8,300	
	Undercarriage: front stabilizer – rear stabilizer – stabilized	*15,500	*15,500	*15,500	*11,000	*11,000	*11,000				*8,300	*8,300	*8,300	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Wheel Excavator Specifications

Lift Capacities – One-Piece Boom (4400 mm), 2200 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4400	4200	3750				*3000	*3000	*3000	5090
	Undercarriage: front bucket rest – rear dozer – stabilized				*4400	*4400	4250				*3000	*3000	*3000	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*5250	4150	3700	*3250	2600	2300	*2800	2550	2250	6090
	Undercarriage: front bucket rest – rear dozer – stabilized				*5250	*5250	4150	*3250	*3250	2600	*2800	*2800	2550	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*9000	7300	6350	*6000	3900	3450	4500	2550	2250	*2850	2200	1950	6590
	Undercarriage: front bucket rest – rear dozer – stabilized	*9000	*9000	7350	*6000	*6000	3950	4500	*4750	2550	*2850	*2850	2200	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*5750	*5750	5650	*6700	3650	3250	4400	2450	2150	*3050	2050	1850	6710
	Undercarriage: front bucket rest – rear dozer – stabilized	*5750	*5750	*5750	*6700	*6700	3700	4400	*4950	2450	*3050	*3050	2100	
0 mm	Undercarriage: front empty – rear dozer – free on wheels	*7200	6400	5500	*6700	3500	3100	4350	2350	2100	*3500	2150	1900	6470
	Undercarriage: front bucket rest – rear dozer – stabilized	*7200	*7200	6400	*6700	*6700	3550	4300	*4750	2400	*3500	*3500	2150	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*8200	6450	5500	*5800	3500	3050				*3900	2450	2150	5830
	Undercarriage: front bucket rest – rear dozer – stabilized	*8200	*8200	6450	*5800	*5800	3500				*3900	*3900	2450	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*5000	*5000	*5000	*3250	*3250	3150				*3050	*3050	*3050	4600
	Undercarriage: front bucket rest – rear dozer – stabilized	*5000	*5000	*5000	*3250	*3250	*3250				*3050	*3050	*3050	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (14'5"), 7'3" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

 Load at maximum reach (sticknose/bucket pin)  Load over front  Load over rear  Load over side  Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*9,300	9,000	8,100				*6,700	*6,700	*6,700	16.40
	Undercarriage: front bucket rest – rear dozer – stabilized				*9,300	*9,300	9,100				*6,700	*6,700	*6,700	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*11,400	8,900	7,900				*6,200	5,600	5,000	19.85
	Undercarriage: front bucket rest – rear dozer – stabilized				*11,400	*11,400	9,000				*6,200	*6,200	5,700	
10 ft	Undercarriage: front empty – rear dozer – free on wheels	*19,300	15,800	13,700	*13,000	8,500	7,500	9,700	5,500	4,900	*6,200	4,800	4,300	21.59
	Undercarriage: front bucket rest – rear dozer – stabilized	*19,300	*19,300	15,800	*13,000	*13,000	8,500	9,700	*10,400	5,500	*6,200	*6,200	4,900	
5 ft	Undercarriage: front empty – rear dozer – free on wheels	*14,000	*14,000	12,200	*14,500	7,900	7,000	9,500	5,300	4,700	*6,700	4,600	4,000	22.01
	Undercarriage: front bucket rest – rear dozer – stabilized	*14,000	*14,000	*14,000	*14,500	*14,500	8,000	9,500	*10,700	5,300	*6,700	*6,700	4,600	
0 ft	Undercarriage: front empty – rear dozer – free on wheels	*16,600	13,800	11,800	*14,500	7,600	6,700	9,300	5,100	4,500	*7,800	4,700	4,200	21.23
	Undercarriage: front bucket rest – rear dozer – stabilized	*16,600	*16,600	13,800	14,500	*14,500	7,600	9,300	*10,300	5,100	*7,800	*7,800	4,700	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*17,800	13,800	11,800	*12,500	7,500	6,600				*8,600	5,400	4,800	19.09
	Undercarriage: front bucket rest – rear dozer – stabilized	*17,800	*17,800	13,800	*12,500	*12,500	7,500				*8,600	*8,600	5,500	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels	*10,600	*10,600	*10,600							*6,600	*6,600	*6,600	14.93
	Undercarriage: front bucket rest – rear dozer – stabilized	*10,600	*10,600	*10,600							*6,600	*6,600	*6,600	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (4400 mm), 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3300 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
6000 mm	Undercarriage: front empty – rear dozer – free on wheels				*4050	*4050	3850				*2600	*2600	*2600	5450
	Undercarriage: front bucket rest – rear dozer – stabilized				*4050	*4050	*4050				*2600	*2600	*2600	
4500 mm	Undercarriage: front empty – rear dozer – free on wheels				*4650	4200	3750	*3600	2650	2350	*2450	2350	2100	6400
	Undercarriage: front bucket rest – rear dozer – stabilized				*4650	*4650	4200	*3600	*3600	2650	*2450	*2450	2400	
3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*8450	7500	6500	*5800	4000	3550	4550	2550	2300	*2450	2050	1850	6870
	Undercarriage: front bucket rest – rear dozer – stabilized	*8450	*8450	7500	*5800	*5800	4000	4550	*4650	2600	*2450	*2450	2100	
1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*7650	6750	5800	*6600	3750	3300	4450	2450	2200	*2600	1950	1750	6990
	Undercarriage: front bucket rest – rear dozer – stabilized	*7650	*7650	6750	*6600	*6600	3750	4400	*4900	2500	*2600	*2600	2000	
0 mm	Undercarriage: front empty – rear dozer – free on wheels	*7400	6450	5550	*6800	3550	3100	4350	2400	2100	*3000	2000	1800	6760
	Undercarriage: front bucket rest – rear dozer – stabilized	*7400	*7400	6500	*6800	*6800	3550	4350	*4850	2400	*3000	*3000	2050	
–1500 mm	Undercarriage: front empty – rear dozer – free on wheels	*8850	6450	5500	*6050	3500	3050	*4100	2350	2100	*3800	2300	2050	6150
	Undercarriage: front bucket rest – rear dozer – stabilized	*8850	*8850	6450	*6050	*6050	3500	*4100	*4100	2400	*3800	*3800	2300	
–3000 mm	Undercarriage: front empty – rear dozer – free on wheels	*5900	*5900	5650	*4050	3550	3150				*3250	3100	2700	5010
	Undercarriage: front bucket rest – rear dozer – stabilized	*5900	*5900	*5900	*4050	*4050	3550				*3250	*3250	3100	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom (14'5"), 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,280 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
20 ft	Undercarriage: front empty – rear dozer – free on wheels				*8,800	*8,800	8,200				*5,800	*5,800	*5,800	17.62
	Undercarriage: front bucket rest – rear dozer – stabilized				*8,800	*8,800	*8,800				*5,800	*5,800	*5,800	
15 ft	Undercarriage: front empty – rear dozer – free on wheels				*10,100	9,100	8,100	*7,400	5,700	5,100	*5,400	5,300	4,700	20.87
	Undercarriage: front bucket rest – rear dozer – stabilized				*10,100	*10,100	9,100	*7,400	*7,400	5,700	*5,400	*5,400	5,300	
10 ft	Undercarriage: front empty – rear dozer – free on wheels	*18,100	16,200	14,100	*12,500	8,600	7,600	9,800	5,500	4,900	*5,400	4,600	4,100	22.51
	Undercarriage: front bucket rest – rear dozer – stabilized	*18,100	*18,100	16,200	*12,500	*12,500	8,600	9,800	*10,100	5,600	*5,400	*5,400	4,600	
5 ft	Undercarriage: front empty – rear dozer – free on wheels	*18,600	14,500	12,500	*14,300	8,000	7,100	9,600	5,300	4,700	*5,800	4,300	3,900	22.93
	Undercarriage: front bucket rest – rear dozer – stabilized	*18,600	*18,600	14,600	*14,300	*14,300	8,100	9,500	*10,700	5,300	*5,800	*5,800	4,400	
0 ft	Undercarriage: front empty – rear dozer – free on wheels	*17,100	13,900	11,900	14,600	7,700	6,700	9,400	5,100	4,600	*6,600	4,500	3,900	22.18
	Undercarriage: front bucket rest – rear dozer – stabilized	*17,100	*17,100	13,900	14,600	*14,700	7,700	9,300	*10,500	5,200	*6,600	*6,600	4,500	
–5 ft	Undercarriage: front empty – rear dozer – free on wheels	*19,100	13,800	11,900	*13,100	7,500	6,600	*8,600	5,100	4,500	*8,400	5,100	4,500	20.14
	Undercarriage: front bucket rest – rear dozer – stabilized	*19,100	*19,100	13,900	*13,100	*13,100	7,600	*8,600	*8,600	5,100	*8,400	*8,400	5,100	
–10 ft	Undercarriage: front empty – rear dozer – free on wheels	*12,600	*12,600	12,100	*8,500	7,700	6,800				*7,000	6,900	6,100	16.27
	Undercarriage: front bucket rest – rear dozer – stabilized	*12,600	*12,600	*12,600	*8,500	*8,500	7,700				*7,000	*7,000	6,900	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M314 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
BOOM, STICKS, AND LINKAGES		
4650 mm (15'3") One-Piece Boom		✓[1]
4400 mm (14'5") One-Piece Boom		✓[2]
5028 mm (16'6") Variable Adjustable boom		✓
2200 mm (7'3") stick		✓
2500 mm (8'2") stick		✓
2900 mm (9'6") Drop Nose stick without bucket linkage		✓[3]
Bucket linkage, 312-family with lifting eye		✓
Bucket linkage, 312-family without lifting eye		✓[3]
ELECTRICAL SYSTEM		
LED lights on boom and cab	✓	
LED lights on chassis (left-hand, right-hand) and counterweight		✓
Programmable time-delay LED working lights	✓	
Roading and indicator lights, front and rear	✓	
Maintenance-free batteries	✓	
Centralized electrical disconnect switch	✓	
Electrical refueling pump		✓
ENGINE		
Cat® C3.6 Single Turbo diesel engine	✓	
Power mode selector	✓	
One-touch low idle with automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Up to 52°C (125°F) high-ambient cooling capacity	✓	
Down to –18°C (0°F) cold starting capability	✓	
Double element air filter with integrated pre-cleaner	✓	
Electric fuel priming pump	✓	
Engine driven fan with fluid temperature controlled variable fan speed	✓	
Biodiesel capability up to B20	✓	

[1]Available in Europe, Australia, and New Zealand only.
[2]Available in South Korea only.
[3]Available in Europe only.

	Standard	Optional
HYDRAULIC SYSTEM		
Boom, stick, and bucket drift reduction valves	✓	
Boom/stick lowering check valves		✓
Bucket cylinder check valves		✓
Overload warning	✓	
Electronic main control valve	✓	
Automatic hydraulic oil warm up	✓	
Element type main hydraulic filter	✓	
One-slider joysticks		✓
Two-slider joysticks		✓
Advanced Tool Control (one/two way high-pressure flow)		✓
Second high pressure auxiliary circuit (one/two way high-pressure flow)		✓
Medium pressure auxiliary circuit (one/two way medium-pressure flow)		✓
Heavy lift mode	✓	
Quick coupler circuit for Cat Pin Grabber and CW-type coupler		✓
SmartBoom™		✓
Ride control		✓
Cat Tilt Rotator (TRS) support		✓
Joystick steering		✓
Separate dedicated swing pump	✓	
Automatic swing brake	✓	
Cat BIO HYDO™ Advanced biodegradable hydraulic oil		✓
Adjustable hydraulic aggressiveness	✓	
Electronic pattern changer	✓	

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
SAFETY AND SECURITY		
Rear and right-side-view cameras	✓	
360° visibility		✓
Wide angle mirrors	✓	
Travel alarm		✓
Signal/warning horn	✓	
Rotating beacon on cab and chassis		✓
Cat Asset tracker		✓
Neutral lever (lock out) for all controls	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓	
Bluetooth® receiver	✓	
Anti-skid plate and countersunk bolts on service platform	✓	
Inspection lighting		✓
2D E-Fence		✓
Beacon flash function with E-fence		✓[4]
Cab Avoidance		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S℠) ports	✓	
Automatic lubrication system for implement and swing system		✓
Integrated vehicle health management system	✓	

	Standard	Optional
TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[5]	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
Cat Grade:		
– Cat Grade with 2D		✓
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
– Laser catcher		✓
– Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓
– Cat Grade 3D Ready		✓
– Cat Grade Connectivity		✓[6]
Cat Assist:		
– Grade Assist		✓
Cat Payload:		
– On-the-go weighing		✓
– Payload/cycle information		✓
– VisionLink back office reporting		✓[6]
Other:		
Cat Tiltrotator (TRS) integration		✓

[4]United Kingdom only.

[5]Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

[6]VisionLink subscription required. Consult your Cat dealer for details.

(continued on next page)

Standard and Optional Equipment *(continued)*

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

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
All-wheel drive	✓	
Automatic brake/axle lock	✓	
Creeper speed	✓	
Electronic swing and travel lock	✓	
Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Oscillating front axle, lockable, with remote greasing point	✓	
9.00-20 14 PR, dual tires		✓[2]
10.00-20 16 PR, dual tires		✓
10.00-20, dual, solid rubber tires		✓
300-80-22.5 dual pneumatic, spacerless tire		✓[3]
Steps with tool box in undercarriage (left and right)	✓	
Two-piece drive shaft	✓	
Two-speed hydrostatic transmission	✓	

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES *(continued)*		
Rear blade (radial) undercarriage		✓[3]
Rear blade (radial) with bucket rest undercarriage		✓[2]
Rear blade (radial)/front outrigger undercarriage		✓
Undercarriage steps and plastic type fenders for front and rear tires for 2.55 m (8'4") wheel base undercarriage		✓
Undercarriage steps for 2.55 m (8'4") wheel base undercarriage		✓
Rear outrigger/front blade (radial) undercarriage		✓
Rear outrigger/front outrigger undercarriage		✓[7]
Fenders, front and rear, synthetic		✓[7]
Fenders, front and rear, steel		✓[2]
Travel restraint bracket for grapple/clamshell		✓[3]
3300 kg (7,275 lb) counterweight	✓	

[1]Available in Europe, Australia, and New Zealand only.
[2]Available in South Korea only.
[3]Available in Europe only.
[7]Not available in South Korea.

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth key fob

GUARDS

- Operator Protective Guard (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)

M314 Cab Options

Cab Options

	Deluxe	Premium
Sound-suppressed ROPS cab	●	●
Heated seat with adjustable air suspension	●	X
Heated and cooled seat with semi-automatic adjustable air suspension	X	●
Height-adjustable console, infinite with no tool	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
Mechanical mirror	●	X
Electrical adjustable and heatable mirror	X	●
Automatic bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
51 mm (2") orange seat belt	●	●
Unfastened seat belt warning	●	●
Bluetooth integrated radio (including USB, auxiliary port, and microphone)	●	●
Auxiliary relay	○	○
2 × 12V DC outlets	●	●
Document storage	●	●
Cup and bottle holders	●	●
Openable two-piece front window (laminated)	●	○
Fixed one-piece front window (P5A classified)	X	○
Parallel wiper with washer	●	●
Fixed glass skylight	●	●
LED dome lights	●	●
Foot illumination	●	●
Roller rear sunscreen	X	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
OPG “ready”	●	●
Vandal guards “ready”	●	●
Two LED cab lights	●	●
Rain visor	●	●

● Standard

○ Optional

X Not available

M314 Environmental Declaration

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.

Engine

- The Cat® C3.6 engine meets U.S. EPA Tier 4 Final, EU Stage V, and Korea Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with 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.

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

– If equipped with R134a (Global Warming Potential = 1430), the system contains 0.8 kg (1.8 lb) of refrigerant which has a CO_2 equivalent of 1.144 metric tonnes (1.261 tons).

– If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 0.7 kg (1.5 lb) of refrigerant which has a CO_2 equivalent of 0.0004 metric tonnes (0.0004 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

ISO 6396:2008 internal – 70 dB(A)

ISO 6395:2008 external – 100 dB(A)

- External Sound – The labelled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).
- Blue Angel certified.

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.
  – Advanced hydraulic systems balance power and efficiency
  – The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval
  – Eco mode supports reduced fuel consumption for light applications
  – One-touch low idle with automatic engine speed control
  – Boost productivity and increase operating efficiency with optional Cat technologies
  – 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	75.40%
Iron	8.62%
Nonferrous Metal	3.19%
Mixed Metal	0.71%
Mixed-Metal and Nonmetal	1.36%
Plastic	1.57%
Rubber	1.47%
Mixed Nonmetallic	0.02%
Fluid	2.35%
Other	0.30%
Uncategorized	5.01%
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 16714:2008 (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 16714:2008 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 – 91%

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

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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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(Aus-NZ, Europe,
N Am, S Korea)