M322

Wheeled Excavator

Technical Specifications

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

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M322 Wheeled Excavator Specifications

Engine

Engine Model	Cat® C7.1	
Engine Power		
ISO 14396	129.0 kW	174 hp
ISO 14396 (DIN)	176 mhp (PS)	
Net Power		
ISO 9249	128 kW	171 hp
ISO 9249 (DIN)	174 mhp (PS)	
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	7.0 L	427.8 in^3
Number of Cylinders	6	
Biodiesel Capability	Up to B20(1)	

- Meets U.S. EPA Tier 4 Final and EU 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.
- Recommended for use up to 3000 m (9,840 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Rated speed 2,200 rpm.

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

- ✓ 20% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

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

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

Transmission

Forward/Reverse		
1st Gear	9 km/h	5.6 mph
2nd Gear	30 km/h	18.6 mph
Creeper Speed		
1st Gear	5.5 km/h	3.4 mph
2nd Gear	15 km/h	9.3 mph
Drawbar Pull	127 kN	28,551 lbf
Maximum Gradeability at (24 000 kg/52,911 lb)	70%	

Service Refill Capacities

Fuel Tank (total capacity)	470 L	124.2 gal
Diesel Exhaust Fluid Tank	30 L	7.9 gal
Cooling System	40 L	10.6 gal
Engine Oil	13 L	3.4 gal
Hydraulic Tank	200 L	52.8 gal
Hydraulic System (including tank)	270 L	71 gal
Rear Axle Housing (differential)	14 L	3.7 gal
Front Steering Axle (differential)	11.0 L	2.9 gal
Final Drive (each)	2.5 L	0.7 gal
Powershift Transmission	2.5 L	0.7 gal

Swing Mechanism

Maximum Swing Speed	8.6 rpm	
Standard Swing Torque	60 kN·m	44,250 lb-ft
Optional Swing Torque	69 kN·m	50,890 lb-ft

Undercarriage

Ground Clearance	320 mm	12.6 in
Maximum Steering Angle	35°	
Oscillation Axle Angle	± 8.5°	
Minimum Turning Radius		
Outside of Tire	6600 mm	21.6 ft
Outside of Tire (plastic fender)	8200 mm	26.9 ft
End of Variable Adjustable Boom	7900 mm	25.9 ft

Operating Weights*

Minimum	21 515 kg	47,430 lb
Maximum	24 845 kg	54,770 lb
Typical configurations:		
Variable Adjustable Boom**		
Rear Blade Only	21 515 kg	47,430 lb
Blade and Outriggers	22 725 kg	50,100 lb
Front and Rear Outriggers	23 015 kg	50,740 lb

*Operating weight includes full fuel tank, operator, GD bucket and dual pneumatic tires. Weight varies depending on configuration.

**Typical configurations include 2.5 m (8'2") stick and 3500 kg (7,716 lb) counterweight.

Major Component Weights

Booms (including VA and stick cylinder, pins and standard hydraulic lines)		
5.2 m (17'1") Variable Adjustable Boom	2400 kg	5,291 lb
Sticks (including cylinder, bucket linkage, pins and standard hydraulic lines)		
2.5 m (8'2") Stick*	1100 kg	2,425 lb
2.9 m (9'6") Stick	1200 kg	2,646 lb
Counterweight		
3500 kg (7,716 lb) Counterweight*	3500 kg	7,716 lb
4700 kg (10,362 lb) Counterweight	4700 kg	10,362 lb
Undercarriage (including axles, standard tires and steps)		
Rear Blade	5650 kg	12,456 lb
Front Blade/Rear Outrigger	6850 kg	15,102 lb
Rear Blade/Front Outrigger	6850 kg	15,102 lb
Rear Outrigger/Front Outrigger	7150 kg	15,763 lb
Buckets		
CW Bucket	820 kg	1,808 lb
Pin-on Bucket	850 kg	1,874 lb
Quick Couplers		
CW Dedicated Quick Coupler	245 kg	540 lb
Pin Grabber Quick Coupler	380 kg	840 lb

*Available in Europe 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	39 000 kPa	5,657 psi
Maximum Flow		
Implements	360 L/min	95 gal/min
Travel Circuit	235 L/min	62 gal/min
Auxiliary Circuit		
High Pressure	250 L/min	66.0 gal/min
Medium Pressure	55 L/min	14.5 gal/min
Swing Mechanism	121 L/min	32.0 gal/min
Cylinders		
Boom Cylinder (VA) – Bore	140 mm	0'6"
Boom Cylinder (VA) – Stroke	862 mm	2'10"
VAB Cylinder – Bore	170 mm	0'7"
VAB Cylinder – Stroke	709 mm	2'4"
Stick Cylinder – Bore	140 mm	0'6"
Stick Cylinder – Stroke	1408 mm	4'7"
Bucket Cylinder – Bore	120 mm	0'5"
Bucket Cylinder – Stroke	1104 mm	3'7"

Tires

Standard	11.00 – 20 (dual pneumatic)

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Dozer Blade

Blade Type	Parallel	
Width	2750 mm	9'0"
Blade Roll-Over Height	560 mm	1'10"
Blade Total Height	610 mm	2'0"
Maximum Lowering Depth From Ground	130 mm	0'5"
Maximum Raising Height Above Ground	495 mm	1'7"

Emissions and Safety

Engine Emissions	U.S. EPA Tier 4 Final and EU Stage V	
Vibration Levels		
Maximum Hand/Arm (ISO 5349:2001)	<2.5 m/s^2	<8.2 ft/s^2
Maximum Whole Body (ISO/TR 25398:2006)	<0.5 m/s^2	<1.6 ft/s^2
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)	ISO 10262:1998
Cab/Sound Levels	Meets appropriate standards as listed below

Sound Performance

ISO 6396:2008 internal	70 dB(A)
ISO 6395:2008 external	101 dB(A)

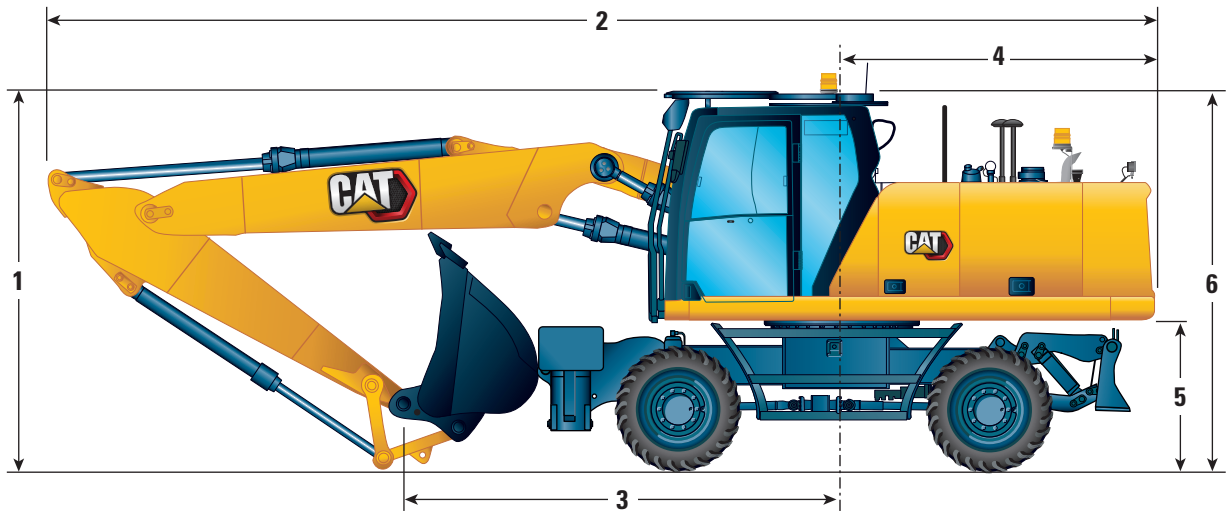
- Blue Angel Certified.
- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted 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).

Air Conditioning System

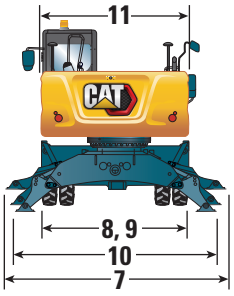
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg of refrigerant, which has a CO_2 equivalent of 1.43 metric tonnes.

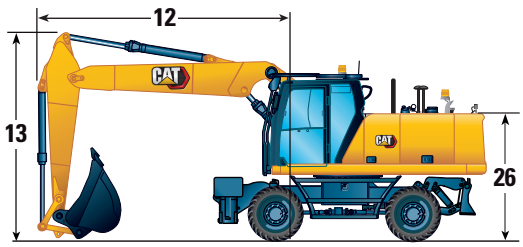
Dimensions

All Dimensions are approximate. Values are with 11.00-20 Dual Pneumatic Tires.



Boom Option	5445 mm (17'10")	
Stick Options	**2.5 m (8'2")**	**2.9 m (9'6")**
1 Shipping Height with Operator Protective Guards (highest point between Boom and Cab)	3350 mm (11'0")	3350 mm (11'0")
Shipping Height without OPG	3240 mm (10'8")	3350 mm (11'0")
2 Shipping Length	9395 mm (30'10")	9485 mm (31'1")
3 Support Point	3660 mm (12'0")	3430 mm (11'3")
4 Tail Swing Radius	2800 mm (9'2")	2800 mm (9'2")
5 Counterweight Clearance	1330 mm (4'4")	1330 mm (4'4")
6 Cab Height		
No OPG	3225 mm (10'7")	3225 mm (10'7")
With OPG	3350 mm (11'0")	3350 mm (11'0")
Overall Machine Width		
7 Width with Outriggers on Ground	4095 mm (13'5")	4095 mm (13'5")
8 Width with Outriggers Up	2740 mm (9'0")	2740 mm (9'0")
9 Width with Blade	2740 mm (9'0")	2740 mm (9'0")
10 Width with Outriggers Fully Down	3935 mm (12'11")	3935 mm (12'11")
26 Enclosure Height (doors)	2535 mm (8'4")	2535 mm (8'4")
11 Upperframe Width	2740 mm (9'0")	2740 mm (9'0")
Roading Position		
12 Steering Wheel to Linkage in Roading Position	3485 mm (11'5")	—
13 Height in Roading Position	3880 mm (12'9")	—





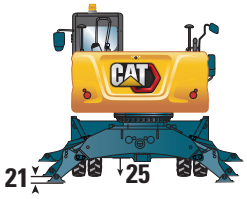
M322 Wheeled Excavator Specifications

Undercarriage Dimensions

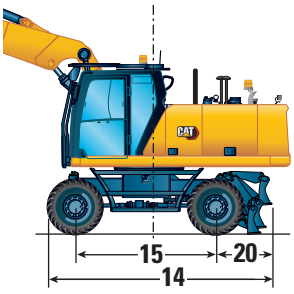
All Dimensions are approximate. Values are with 11.00-20 Dual Pneumatic Tires.

Undercarriage	Rear Blade/ Front Outrigger	Rear Outrigger/ Front Blade	Rear Outrigger/ Front Outrigger	Front Empty/ Rear Blade
14 Overall Undercarriage Length (blade parallel)	5190 mm (17'0")	5175 mm (16'12")	5040 mm (16'6")	4525 mm (14'10")
15 Wheel Base	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")	2750 mm (9'0")
16 Swing Bearing Center to Rear Axle	1300 mm (4'3")	1300 mm (4'3")	1300 mm (4'3")	1300 mm (4'3")
17 Swing Bearing Center to Front Axle	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")
18 Rear Axle to Rear Outrigger (mid)	—	800 mm (2'7")	800 mm (2'7")	—
19 Front Axle to Front Outrigger (mid)	940 mm (3'1")	—	940 mm (3'1")	940 mm (3'1")
20 Rear Axle to Parallel Blade (end)	1225 mm (4'0")	—	—	1225 mm (4'0")
Front Axle to Parallel Blade (end)	—	1350 mm (4'5")	—	—
21 Maximum Outrigger Depth	115 mm (0'5")	115 mm (0'5")	115 mm (0'5")	115 mm (0'5")
22 Blade Width	2750 mm (9'0")	2750 mm (9'0")	—	2750 mm (9'0")
Maximum Blade Depth	130 mm (0'5")	130 mm (0'5")	—	130 mm (0'5")
Ground Clearance				
Lowest Step Clearance	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")
23 Outrigger Clearance	325 mm (1'1")	325 mm (1'1")	325 mm (1'1")	—
24 Blade Clearance (parallel)	495 mm (1'7")	495 mm (1'7")	495 mm (1'7")	495 mm (1'7")
25 Axle Clearance	320 mm (1'1")	320 mm (1'1")	320 mm (1'1")	320 mm (1'1")

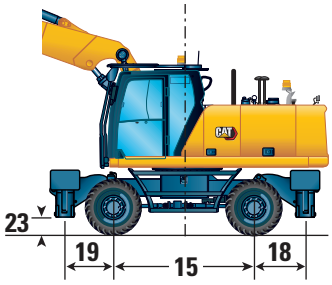
*Maximum tire clearance with outrigger fully down



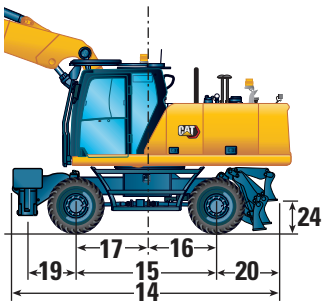
Undercarriage with dozer only



Undercarriage with 2 sets of outriggers

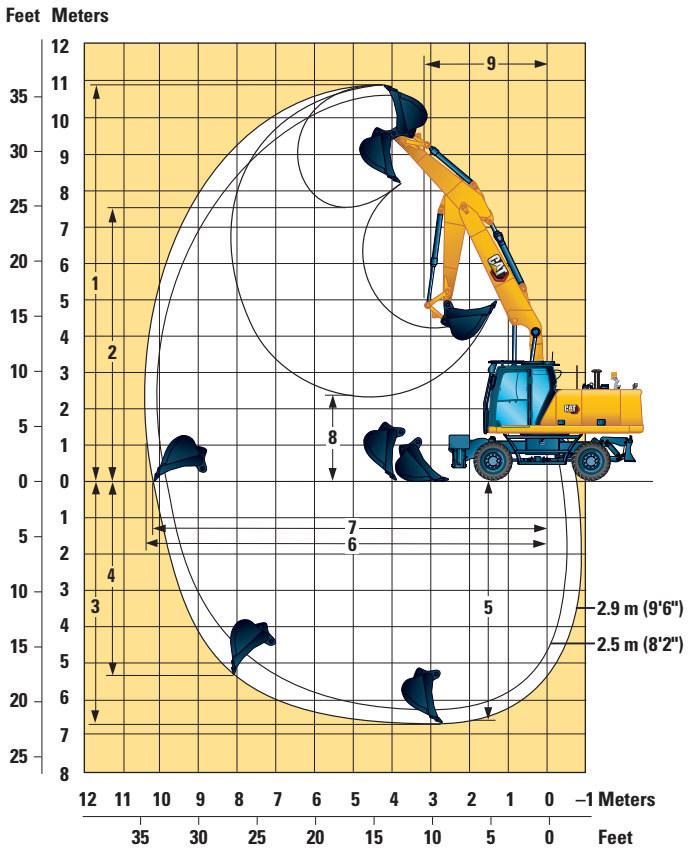


Undercarriage with 1 set of outriggers and dozer



Working Ranges

All Dimensions are approximate. Values are with 11.00-20 Dual Pneumatic Tires.



Boom Option	5445 mm (17'10")	
Stick Options	**2.5 m (8'2")**	**2.9 m (9'6")**
1 Maximum Cutting Height	10 590 mm (34'9")	10 900 mm (35'9")
2 Maximum Loading Height	7210 mm (23'8")	7520 mm (24'8")
3 Maximum Digging Depth	6260 mm (20'6")	6650 mm (21'10")
4 Maximum Vertical Wall Digging Depth	4920 mm (16'2")	5290 mm (17'4")
5 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6160 mm (20'3")	6560 mm (21'6")
6 Maximum Reach	9970 mm (32'9")	10 350 mm (33'11")
7 Maximum Reach at Ground Line	9790 mm (32'1")	10 190 mm (33'5")
8 Minimum Loading Height	2830 mm (9'3")	2440 mm (8'0")
9 Minimum Front Swing Radius	3140 mm (10'4")	3220 mm (10'7")
Bucket Forces (ISO)	151 kN (33,946 lbf)	151 kN (33,946 lbf)
Stick Forces (ISO)	116 kN (26,078 lbf)	105 kN (23,605 lbf)
Bucket Type	GD	GD
Bucket Capacity	1.19 m^3 (1.56 yd^3)	1.19 m^3 (1.56 yd^3)
Bucket Tip Radius (Pin-On)	1574 mm (5'2")	1574 mm (5'2")
Bucket Tip Radius (QC)	1697 mm (5'7")	1697 mm (5'7")

Range values are with dual pneumatic tires (11.00-20).
Range values are calculated with a GD bucket (CW) and CW quick coupler with a tip radius of 1697 mm (5'7").
Force values are calculated with heavy lift on, a GD bucket (pin-on) and a tip radius of 1574 mm (5'2").

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Lift Capacities – Variable Adjustable Boom, 2.5 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3500 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	Free on wheels													*3850	*3850	*3850	5860
	Front empty – rear dozer – stabilized													*3850	*3850	*3850	
	Front dozer – rear stabilizer – stabilized													*3850	*3850	*3850	
	Front stabilizer – rear stabilizer – stabilized													*3850	*3850	*3850	
6000 mm	Free on wheels							5800	4600	3850				*3350	*3350	2800	7070
	Front empty – rear dozer – stabilized							5800	*6650	4300				*3350	*3350	3100	
	Front dozer – rear stabilizer – stabilized							*6650	*6650	6500				*3350	*3350	*3350	
	Front stabilizer – rear stabilizer – stabilized							*6650	*6650	*6650				*3350	*3350	*3350	
4500 mm	Free on wheels				*8700	7100	5850	5600	4450	3700	3850	3000	2500	*3150	2750	2300	7800
	Front empty – rear dozer – stabilized				*8700	*8700	6500	5600	*7000	4100	3850	*5750	2800	*3150	*3150	2550	
	Front dozer – rear stabilizer – stabilized				*8700	*8700	*8700	*7000	*7000	6300	*5750	*5750	4350	*3150	*3150	*3150	
	Front stabilizer – rear stabilizer – stabilized				*8700	*8700	*8700	*7000	*7000	*7000	*5750	*5750	5200	*3150	*3150	*3150	
3000 mm	Free on wheels				8300	6400	5200	5350	4150	3400	3750	2900	2400	*3100	2450	2050	8180
	Front empty – rear dozer – stabilized				8250	*10 350	5850	5300	*7450	3850	3750	*5900	2700	*3100	*3100	2300	
	Front dozer – rear stabilizer – stabilized				*10 350	*10 350	9450	*7450	*7450	6000	*5900	*5900	4200	*3100	*3100	*3100	
	Front stabilizer – rear stabilizer – stabilized				*10 350	*10 350	*10 350	*7450	*7450	7250	*5900	*5900	5100	*3100	*3100	*3100	
1500 mm	Free on wheels				7650	5800	4650	5050	3850	3150	3650	2750	2250	3100	2350	1950	8270
	Front empty – rear dozer – stabilized				7600	*11 500	5300	5000	*8150	3550	3600	6150	2550	3100	*3250	2200	
	Front dozer – rear stabilizer – stabilized				*11 500	*11 500	8800	*8150	*8150	5700	*6200	6050	4100	*3250	*3250	*3250	
	Front stabilizer – rear stabilizer – stabilized				*11 500	*11 500	10 950	*8150	*8150	6950	*6200	*6200	4950	*3250	*3250	*3250	
0 mm	Free on wheels				7400	5550	4400	4850	3700	3000	3550	2700	2200	3200	2400	1950	8060
	Front empty – rear dozer – stabilized				7350	*11450	5050	4800	*8350	3400	3500	6050	2450	3200	*3500	2250	
	Front dozer – rear stabilizer – stabilized				*11 450	*11 450	8500	*8350	*8350	5500	*6400	5950	4000	*3500	*3500	*3500	
	Front stabilizer – rear stabilizer – stabilized				*11 450	*11 450	10 650	*8350	*8350	6750	*6400	6150	4850	*3500	*3500	*3500	
–1500 mm	Free on wheels	*10 050	*10 050	8250	7350	5500	4350	4800	3600	2900	3550	2700	2200	3500	2650	2150	7540
	Front empty – rear dozer – stabilized	*10 050	*10 050	9600	7300	*10400	5000	4750	*7750	3300	3500	*4950	2500	3500	*4000	2450	
	Front dozer – rear stabilizer – stabilized	*10 050	*10 050	*10 050	*10 400	*10 400	8450	*7750	*7750	5450	*4950	*4950	4000	*4000	*4000	3950	
	Front stabilizer – rear stabilizer – stabilized	*10 050	*10 050	*10 050	*10 400	*10 400	*10 400	*7750	*7750	6650	*4950	*4950	4850	*4000	*4000	*4000	
–3000 mm	Free on wheels				7450	5600	4450	4850	3700	3000							
	Front empty – rear dozer – stabilized				7400	*8300	5100	4850	*6000	3400							
	Front dozer – rear stabilizer – stabilized				*8300	*8300	*8300	*6000	*6000	5550							
	Front stabilizer – rear stabilizer – stabilized				*8300	*8300	*8300	*6000	*6000	*6000							

*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, 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,716 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	Free on wheels													*8,600	*8,600	*8,600	18.80
	Front empty – rear dozer – stabilized													*8,600	*8,600	*8,600	
	Front dozer – rear stabilizer – stabilized													*8,600	*8,600	*8,600	
	Front stabilizer – rear stabilizer – stabilized													*8,600	*8,600	*8,600	
20 ft	Free on wheels							12,500	9,900	8,300				*7,400	*7,400	6,300	23.00
	Front empty – rear dozer – stabilized							12,400	*14,600	9,200				*7,400	*7,400	7,000	
	Front dozer – rear stabilizer – stabilized							*14,600	*14,600	13,900				*7,400	*7,400	*7,400	
	Front stabilizer – rear stabilizer – stabilized							*14,600	*14,600	*14,600				*7,400	*7,400	*7,400	
15 ft	Free on wheels				*18,700	15,300	12,600	12,100	9,500	8,000	8,300	6,400	5,300	*7,000	6,100	5,100	25.52
	Front empty – rear dozer – stabilized				*18,700	*18,700	14,100	12,000	*15,200	8,800	8,200	*10,600	5,900	*7,000	*7,000	5,700	
	Front dozer – rear stabilizer – stabilized				*18,700	*18,700	*18,700	*15,200	*15,200	13,600	*10,600	*10,600	9,300	*7,000	*7,000	*7,000	
	Front stabilizer – rear stabilizer – stabilized				*18,700	*18,700	*18,700	*15,200	*15,200	*15,200	*10,600	*10,600	*10,600	*7,000	*7,000	*7,000	
10 ft	Free on wheels				17,900	13,800	11,300	11,500	8,900	7,400	8,100	6,200	5,100	*6,900	5,500	4,500	26.84
	Front empty – rear dozer – stabilized				17,800	*22,300	12,700	11,400	*16,100	8,300	8,000	*12,800	5,800	*6,900	*6,900	5,100	
	Front dozer – rear stabilizer – stabilized				*22,300	*22,300	20,300	*16,100	*16,100	12,900	*12,800	*12,800	9,100	*6,900	*6,900	*6,900	
	Front stabilizer – rear stabilizer – stabilized				*22,300	*22,300	*22,300	*16,100	*16,100	15,600	*12,800	*12,800	10,900	*6,900	*6,900	*6,900	
5 ft	Free on wheels				16,500	12,500	10,100	10,900	8,300	6,800	7,800	6,000	4,900	6,900	5,200	4,300	27.13
	Front empty – rear dozer – stabilized				16,400	*24,900	11,400	10,800	*17,500	7,700	7,800	13,300	5,500	6,800	*7,100	4,800	
	Front dozer – rear stabilizer – stabilized				*24,900	*24,900	18,900	*17,500	*17,500	12,300	*13,400	13,000	8,800	*7,100	*7,100	*7,100	
	Front stabilizer – rear stabilizer – stabilized				*24,900	*24,900	23,600	*17,500	*17,500	15,000	*13,400	13,400	10,600	*7,100	*7,100	*7,100	
0 ft	Free on wheels				15,900	11,900	9,500	10,500	7,900	6,400	7,600	5,800	4,700	7,000	5,300	4,300	26.44
	Front empty – rear dozer – stabilized				15,800	*24,800	10,800	10,400	*18,100	7,300	7,600	13,000	5,300	7,000	*7,700	4,900	
	Front dozer – rear stabilizer – stabilized				*24,800	*24,800	18,300	*18,100	18,100	11,900	*13,800	12,800	8,600	*7,700	*7,700	*7,700	
	Front stabilizer – rear stabilizer – stabilized				*24,800	*24,800	22,800	*18,100	*18,100	14,500	*13,800	13,200	10,400	*7,700	*7,700	*7,700	
–5 ft	Free on wheels	*22,900	*22,900	17,700	15,800	11,800	9,400	10,300	7,800	6,300				7,800	5,900	4,800	24.70
	Front empty – rear dozer – stabilized	*22,900	*22,900	20,600	15,700	*22,500	10,700	10,300	*16,700	7,200				7,700	*8,900	5,400	
	Front dozer – rear stabilizer – stabilized	*22,900	*22,900	*22,900	*22,500	*22,500	18,200	*16,700	*16,700	11,700				*8,900	*8,900	8,800	
	Front stabilizer – rear stabilizer – stabilized	*22,900	*22,900	*22,900	*22,500	*22,500	*22,500	*16,700	*16,700	14,400				*8,900	*8,900	*8,900	
–10 ft	Free on wheels				16,000	12,100	9,600	10,500	8,000	6,500							
	Front empty – rear dozer – stabilized				16,000	*17,900	11,000	10,500	*12,700	7,400							
	Front dozer – rear stabilizer – stabilized				*17,900	*17,900	*17,900	*12,700	*12,700	11,900							
	Front stabilizer – rear stabilizer – stabilized				*17,900	*17,900	*17,900	*12,700	*12,700	*12,700							

*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.

M322 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom, 2.9 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3500 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
9000 mm	Free on wheels				*4150	*4150	*4150							*4100	*4100	*4100	4500
	Front empty – rear dozer – stabilized				*4150	*4150	*4150							*4100	*4100	*4100	
	Front stabilizer – rear stabilizer – stabilized				*4150	*4150	*4150							*4100	*4100	*4100	
	Free on wheels – wide axles				*4150	*4150	*4150							*4100	*4100	*4100	
7500 mm	Free on wheels							*5100	4650	3900				*3100	*3100	*3100	6410
	Front empty – rear dozer – stabilized							*5100	*5100	4300				*3100	*3100	*3100	
	Front stabilizer – rear stabilizer – stabilized							*5100	*5100	*5100				*3100	*3100	*3100	
	Free on wheels – wide axles							*5100	*5100	*5100				*3100	*3100	*3100	
6000 mm	Free on wheels							5850	4650	3900	*3050	3050	2500	*2750	*2750	2500	7530
	Front empty – rear dozer – stabilized							5850	*6250	4350	*3050	*3050	2800	*2750	*2750	*2750	
	Front stabilizer – rear stabilizer – stabilized							*6250	*6250	*6250	*3050	*3050	*3050	*2750	*2750	*2750	
	Free on wheels – wide axles							*6250	*6250	*6250	*3050	*3050	*3050	*2750	*2750	*2750	
4500 mm	Free on wheels				*7850	7250	5950	5700	4500	3750	3900	3050	2500	*2600	2500	2050	8220
	Front empty – rear dozer – stabilized				*7850	*7850	6650	5650	*6700	4150	3850	*5550	2800	*2600	*2600	2350	
	Front stabilizer – rear stabilizer – stabilized				*7850	*7850	*7850	*6700	*6700	6350	*5550	*5550	4350	*2600	*2600	*2600	
	Free on wheels – wide axles				*7850	*7850	*7850	*6700	*6700	*6700	*5550	*5550	5250	*2600	*2600	*2600	
3000 mm	Free on wheels				8400	6500	5300	5350	4150	3450	3750	2900	2400	*2600	2250	1850	8580
	Front empty – rear dozer – stabilized				8350	*9850	5950	5350	*7200	3850	3750	*5700	2700	*2600	*2600	2100	
	Front stabilizer – rear stabilizer – stabilized				*9850	*9850	9600	*7200	*7200	6050	*5700	*5700	4250	*2600	*2600	*2600	
	Free on wheels – wide axles				*9850	*9850	*9850	*7200	*7200	*7200	*5700	*5700	5100	*2600	*2600	*2600	
1500 mm	Free on wheels				7700	5850	4700	5050	3850	3150	3600	2750	2250	*2650	2150	1750	8660
	Front empty – rear dozer – stabilized				7700	*11 200	5350	5000	*7850	3550	3600	*6000	2550	*2650	*2650	2000	
	Front stabilizer – rear stabilizer – stabilized				*11 200	*11 200	8850	*7850	*7850	5700	*6000	*6000	4050	*2650	*2650	*2650	
	Free on wheels – wide axles				*11 200	*11 200	11 050	*7850	*7850	6950	*6000	*6000	4950	*2650	*2650	*2650	
0 mm	Free on wheels				7350	5500	4350	4800	3650	2950	3500	2650	2150	*2850	2200	1800	8460
	Front empty – rear dozer – stabilized				7300	*11 500	5000	4800	*8300	3350	3450	6000	2450	*2850	*2850	2050	
	Front stabilizer – rear stabilizer – stabilized				*11 500	*11 500	8450	*8300	*8300	5500	*6350	5900	3950	*2850	*2850	*2850	
	Free on wheels – wide axles				*11 500	*11 500	10 600	*8300	*8300	6700	*6350	6100	4800	*2850	*2850	*2850	
–1500 mm	Free on wheels	*9500	*9500	8000	7250	5400	4250	4700	3550	2850	3450	2600	2100	3200	2400	1950	7970
	Front empty – rear dozer – stabilized	*9500	*9500	9350	7200	*10700	4900	4700	*7900	3250	3450	*5850	2400	3150	*3250	2200	
	Front stabilizer – rear stabilizer – stabilized	*9500	*9500	*9500	*10 700	*10 700	8350	*7900	*7900	5350	*5850	5850	3900	*3250	*3250	*3250	
	Free on wheels – wide axles	*9500	*9500	*9500	*10 700	*10 700	10 500	*7900	*7900	6600	*5850	*5850	4750	*3250	*3250	*3250	
–3000 mm	Free on wheels				7300	5500	4350	4750	3600	2900							
	Front empty – rear dozer – stabilized				7300	*8950	4950	4750	*6600	3300							
	Front stabilizer – rear stabilizer – stabilized				*8950	*8950	8450	*6600	*6600	5400							
	Free on wheels – wide axles				*8950	*8950	*8950	*6600	*6600	*6600							

*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, 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,716 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
30 ft	Free on wheels													*9,500	*9,500	*9,500	13.91
	Front empty – rear dozer – stabilized													*9,500	*9,500	*9,500	
	Front stabilizer – rear stabilizer – stabilized													*9,500	*9,500	*9,500	
	Free on wheels – wide axles													*9,500	*9,500	*9,500	
25 ft	Free on wheels							*9,700	*9,700	8,300				*7,000	*7,000	*7,000	20.64
	Front empty – rear dozer – stabilized							*9,700	*9,700	9,200				*7,000	*7,000	*7,000	
	Front stabilizer – rear stabilizer – stabilized							*9,700	*9,700	*9,700				*7,000	*7,000	*7,000	
	Free on wheels – wide axles							*9,700	*9,700	*9,700				*7,000	*7,000	*7,000	
20 ft	Free on wheels							12,600	10,000	8,400				*6,100	*6,100	5,600	24.51
	Front empty – rear dozer – stabilized							12,600	*13,700	9,300				*6,100	*6,100	*6,100	
	Front stabilizer – rear stabilizer – stabilized							*13,700	*13,700	*13,700				*6,100	*6,100	*6,100	
	Free on wheels – wide axles							*13,700	*13,700	*13,700				*6,100	*6,100	*6,100	
15 ft	Free on wheels				*16,900	15,600	12,900	12,200	9,600	8,000	8,300	6,500	5,400	*5,700	5,600	4,600	26.87
	Front empty – rear dozer – stabilized				*16,900	*16,900	14,300	12,200	*14,600	8,900	8,300	*12,000	6,000	*5,700	*5,700	5,200	
	Front stabilizer – rear stabilizer – stabilized				*16,900	*16,900	*16,900	*14,600	*14,600	13,700	*12,000	*12,000	9,400	*5,700	*5,700	*5,700	
	Free on wheels – wide axles				*16,900	*16,900	*16,900	*14,600	*14,600	*14,600	*12,000	*12,000	11,200	*5,700	*5,700	*5,700	
10 ft	Free on wheels				18,100	14,100	11,500	11,600	9,000	7,400	8,100	6,200	5,100	*5,700	5,000	4,100	28.12
	Front empty – rear dozer – stabilized				18,100	*21,200	12,900	11,500	*15,600	8,300	8,000	*12,400	5,800	*5,700	*5,700	4,600	
	Front stabilizer – rear stabilizer – stabilized				*21,200	*21,200	20,600	*15,600	*15,600	13,000	*12,400	*12,400	9,100	*5,700	*5,700	*5,700	
	Free on wheels – wide axles				*21,200	*21,200	*21,200	*15,600	*15,600	*15,600	*12,400	*12,400	10,900	*5,700	*5,700	*5,700	
5 ft	Free on wheels				16,600	12,700	10,200	10,900	8,300	6,800	7,800	5,900	4,800	*5,900	4,800	3,900	28.41
	Front empty – rear dozer – stabilized				16,600	*24,200	11,500	10,800	*16,900	7,700	7,700	*13,000	5,500	*5,900	*5,900	4,400	
	Front stabilizer – rear stabilizer – stabilized				*24,200	*24,200	19,100	*16,900	*16,900	12,300	*13,000	13,000	8,800	*5,900	*5,900	*5,900	
	Free on wheels – wide axles				*24,200	*24,200	23,700	*16,900	*16,900	15,000	*13,000	*13,000	10,600	*5,900	*5,900	*5,900	
0 ft	Free on wheels				15,800	11,900	9,400	10,400	7,900	6,300	7,500	5,700	4,600	*6,300	4,900	3,900	27.76
	Front empty – rear dozer – stabilized				15,700	*24,900	10,800	10,300	*18,000	7,200	7,500	12,900	5,200	*6,300	*6,300	4,500	
	Front stabilizer – rear stabilizer – stabilized				*24,900	*24,900	18,200	*18,000	18,000	11,800	*13,700	12,700	8,500	*6,300	*6,300	*6,300	
	Free on wheels – wide axles				*24,900	*24,900	22,800	*18,000	*18,000	14,400	*13,700	13,100	10,300	*6,300	*6,300	*6,300	
–5 ft	Free on wheels	*21,600	*21,600	17,200	15,600	11,600	9,200	10,200	7,600	6,200	7,400	5,600	4,500	7,100	5,300	4,300	26.12
	Front empty – rear dozer – stabilized	*21,600	*21,600	20,100	15,500	*23,200	10,500	10,100	*17,100	7,000	7,400	*12,500	5,200	7,000	*7,200	4,900	
	Front stabilizer – rear stabilizer – stabilized	*21,600	*21,600	*21,600	*23,200	*23,200	18,000	*17,100	*17,100	11,600	*12,500	*12,500	8,400	*7,200	*7,200	*7,200	
	Free on wheels – wide axles	*21,600	*21,600	*21,600	*23,200	*23,200	22,500	*17,100	*17,100	14,200	*12,500	*12,500	10,300	*7,200	*7,200	*7,200	
–10 ft	Free on wheels				15,700	11,800	9,400	10,300	7,700	6,200							
	Front empty – rear dozer – stabilized				15,700	*19,300	10,700	10,200	*14,100	7,100							
	Front stabilizer – rear stabilizer – stabilized				*19,300	*19,300	18,100	*14,100	*14,100	11,700							
	Free on wheels – wide axles				*19,300	*19,300	*19,300	*14,100	*14,100	*14,100							

*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.

M322 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom, 2.5 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4700 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	Free on wheels													*3850	*3850	*3850	5860
	Front empty – rear dozer – stabilized													*3850	*3850	*3850	
	Front stabilizer – rear stabilizer – stabilized													*3850	*3850	*3850	
	Free on wheels – wide axles													*3850	*3850	*3850	
6000 mm	Free on wheels							6550	5300	4500				*3350	*3350	3300	7070
	Front empty – rear dozer – stabilized							6550	*6650	4950				*3350	*3350	*3350	
	Front stabilizer – rear stabilizer – stabilized							*6650	*6650	*6650				*3350	*3350	*3350	
	Free on wheels – wide axles							*6650	*6650	*6650				*3350	*3350	*3350	
4500 mm	Free on wheels				*8700	8150	6750	6400	5150	4350	4450	3550	2950	*3150	*3150	2750	7800
	Front empty – rear dozer – stabilized				*8700	*8700	7500	6350	*7000	4750	4400	*5750	3300	*3150	*3150	3050	
	Front stabilizer – rear stabilizer – stabilized				*8700	*8700	*8700	*7000	*7000	*7000	*5750	*5750	4950	*3150	*3150	*3150	
	Free on wheels – wide axles				*8700	*8700	*8700	*7000	*7000	*7000	*5750	*5750	*5750	*3150	*3150	*3150	
3000 mm	Free on wheels				9450	7450	6100	6100	4850	4050	4350	3450	2900	*3100	2950	2450	8180
	Front empty – rear dozer – stabilized				9400	*10 350	6800	6050	*7450	4500	4300	*5900	3200	*3100	*3100	2750	
	Front stabilizer – rear stabilizer – stabilized				*10 350	*10 350	*10 350	*7450	*7450	6800	*5900	*5900	4850	*3100	*3100	*3100	
	Free on wheels – wide axles				*10 350	*10 350	*10 350	*7450	*7450	*7450	*5900	*5900	5750	*3100	*3100	*3100	
1500 mm	Free on wheels				8800	6850	5550	5800	4600	3800	4200	3300	2750	*3250	2850	2350	8270
	Front empty – rear dozer – stabilized				8750	*11500	6250	5800	*8150	4250	4200	*6200	3050	*3250	*3250	2650	
	Front stabilizer – rear stabilizer – stabilized				*11 500	*11 500	10 050	*8150	*8150	6500	*6200	*6200	4700	*3250	*3250	*3250	
	Free on wheels – wide axles				*11 500	*11 500	*11 500	*8150	*8150	7850	*6200	*6200	5600	*3250	*3250	*3250	
0 mm	Free on wheels				8550	6600	5300	5600	4400	3600	4100	3200	2650	*3500	2900	2400	8060
	Front empty – rear dozer – stabilized				8500	*11450	6000	5600	*8350	4050	4100	*6400	3000	*3500	*3500	2700	
	Front stabilizer – rear stabilizer – stabilized				*11 450	*11 450	9750	*8350	*8350	6350	*6400	*6400	4600	*3500	*3500	*3500	
	Free on wheels – wide axles				*11 450	*11 450	*11 450	*8350	*8350	7650	*6400	*6400	5500	*3500	*3500	*3500	
–1500 mm	Free on wheels	*10 050	*10 050	9850	8500	6550	5300	5550	4350	3550	4100	3250	2650	*4000	3200	2650	7540
	Front empty – rear dozer – stabilized	*10 050	*10 050	*10 050	8450	*10400	5950	5550	*7750	4000	4100	*4950	3000	*4000	*4000	2950	
	Front stabilizer – rear stabilizer – stabilized	*10 050	*10 050	*10 050	*10 400	*10 400	9700	*7750	*7750	6250	*4950	*4950	4600	*4000	*4000	*4000	
	Free on wheels – wide axles	*10 050	*10 050	*10 050	*10 400	*10 400	*10 400	*7750	*7750	7600	*4950	*4950	*4950	*4000	*4000	*4000	
–3000 mm	Free on wheels				*8300	6650	5400	5650	4400	3650							
	Front empty – rear dozer – stabilized				*8300	*8300	6050	5600	*6000	4050							
	Front stabilizer – rear stabilizer – stabilized				*8300	*8300	*8300	*6000	*6000	*6000							
	Free on wheels – wide axles				*8300	*8300	*8300	*6000	*6000	*6000							

*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, 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 10,362 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	Free on wheels													*8,600	*8,600	*8,600	18.80
	Front empty – rear dozer – stabilized													*8,600	*8,600	*8,600	
	Front stabilizer – rear stabilizer – stabilized													*8,600	*8,600	*8,600	
	Free on wheels – wide axles													*8,600	*8,600	*8,600	
20 ft	Free on wheels							14,100	11,400	9,700				*7,400	*7,400	*7,400	23.00
	Front empty – rear dozer – stabilized							14,100	*14,600	10,600				*7,400	*7,400	*7,400	
	Front stabilizer – rear stabilizer – stabilized							*14,600	*14,600	*14,600				*7,400	*7,400	*7,400	
	Free on wheels – wide axles							*14,600	*14,600	*14,600				*7,400	*7,400	*7,400	
15 ft	Free on wheels				*18,700	17,600	14,600	13,800	11,100	9,300	9,500	7,600	6,400	*7,000	*7,000	6,100	25.52
	Front empty – rear dozer – stabilized				*18,700	*18,700	16,200	13,700	*15,200	10,300	9,500	*10,600	7,000	*7,000	*7,000	6,800	
	Front stabilizer – rear stabilizer – stabilized				*18,700	*18,700	*18,700	*15,200	*15,200	*15,200	*10,600	*10,600	*10,600	*7,000	*7,000	*7,000	
	Free on wheels – wide axles				*18,700	*18,700	*18,700	*15,200	*15,200	*15,200	*10,600	*10,600	*10,600	*7,000	*7,000	*7,000	
10 ft	Free on wheels				20,300	16,100	13,200	13,100	10,500	8,800	9,300	7,400	6,200	*6,900	6,500	5,500	26.84
	Front empty – rear dozer – stabilized				20,300	*22,300	14,700	13,100	*16,100	9,700	9,300	*12,800	6,900	*6,900	*6,900	6,100	
	Front stabilizer – rear stabilizer – stabilized				*22,300	*22,300	*22,300	*16,100	*16,100	14,700	*12,800	*12,800	10,400	*6,900	*6,900	*6,900	
	Free on wheels – wide axles				*22,300	*22,300	*22,300	*16,100	*16,100	*16,100	*12,800	*12,800	12,400	*6,900	*6,900	*6,900	
5 ft	Free on wheels				19,000	14,800	12,000	12,500	9,900	8,200	9,100	7,100	5,900	*7,100	6,300	5,200	27.13
	Front empty – rear dozer – stabilized				18,900	*24,900	13,500	12,500	*17,500	9,100	9,000	*13,400	6,600	*7,100	*7,100	5,800	
	Front stabilizer – rear stabilizer – stabilized				*24,900	*24,900	21,600	*17,500	*17,500	14,100	*13,400	*13,400	10,100	*7,100	*7,100	*7,100	
	Free on wheels – wide axles				*24,900	*24,900	*24,900	*17,500	*17,500	16,900	*13,400	*13,400	12,100	*7,100	*7,100	*7,100	
0 ft	Free on wheels				18,400	14,200	11,500	12,100	9,500	7,800	8,900	6,900	5,800	*7,700	6,400	5,300	26.44
	Front empty – rear dozer – stabilized				18,300	*24,800	12,900	12,100	*18,100	8,700	8,800	*13,800	6,400	*7,700	*7,700	6,000	
	Front stabilizer – rear stabilizer – stabilized				*24,800	*24,800	20,900	*18,100	*18,100	13,600	*13,800	*13,800	9,900	*7,700	*7,700	*7,700	
	Free on wheels – wide axles				*24,800	*24,800	*24,800	*18,100	*18,100	16,500	*13,800	*13,800	11,900	*7,700	*7,700	*7,700	
–5 ft	Free on wheels	*22,900	*22,900	21,200	18,200	14,100	11,400	12,000	9,300	7,700				*8,900	7,100	5,900	24.70
	Front empty – rear dozer – stabilized	*22,900	*22,900	*22,900	18,200	*22,500	12,800	11,900	*16,700	8,600				*8,900	*8,900	6,600	
	Front stabilizer – rear stabilizer – stabilized	*22,900	*22,900	*22,900	*22,500	*22,500	20,800	*16,700	*16,700	13,500				*8,900	*8,900	*8,900	
	Free on wheels – wide axles	*22,900	*22,900	*22,900	*22,500	*22,500	*22,500	*16,700	*16,700	16,300				*8,900	*8,900	*8,900	
–10 ft	Free on wheels				*17,900	14,400	11,600	12,200	9,600	7,900							
	Front empty – rear dozer – stabilized				*17,900	*17,900	13,100	12,100	*12,700	8,800							
	Front stabilizer – rear stabilizer – stabilized				*17,900	*17,900	*17,900	*12,700	*12,700	*12,700							
	Free on wheels – wide axles				*17,900	*17,900	*17,900	*12,700	*12,700	*12,700							

*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.

M322 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom, 2.9 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4700 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
9000 mm	Free on wheels				*4150	*4150	*4150							*4100	*4100	*4100	4500
	Front empty – rear dozer – stabilized				*4150	*4150	*4150							*4100	*4100	*4100	
	Front stabilizer – rear stabilizer – stabilized				*4150	*4150	*4150							*4100	*4100	*4100	
	Free on wheels – wide axles				*4150	*4150	*4150							*4100	*4100	*4100	
7500 mm	Free on wheels							*5100	*5100	4550				*3100	*3100	*3100	6410
	Front empty – rear dozer – stabilized							*5100	*5100	5000				*3100	*3100	*3100	
	Front stabilizer – rear stabilizer – stabilized							*5100	*5100	*5100				*3100	*3100	*3100	
	Free on wheels – wide axles							*5100	*5100	*5100				*3100	*3100	*3100	
6000 mm	Free on wheels							*6250	5400	4550	*3050	*3050	3000	*2750	*2750	*2750	7530
	Front empty – rear dozer – stabilized							*6250	*6250	5000	*3050	*3050	*3050	*2750	*2750	*2750	
	Front stabilizer – rear stabilizer – stabilized							*6250	*6250	*6250	*3050	*3050	*3050	*2750	*2750	*2750	
	Free on wheels – wide axles							*6250	*6250	*6250	*3050	*3050	*3050	*2750	*2750	*2750	
4500 mm	Free on wheels				*7850	*7850	6900	6450	5200	4350	4450	3550	3000	*2600	*2600	2500	8220
	Front empty – rear dozer – stabilized				*7850	*7850	7600	6400	*6700	4800	4450	*5550	3300	*2600	*2600	*2600	
	Front stabilizer – rear stabilizer – stabilized				*7850	*7850	*7850	*6700	*6700	*6700	*5550	*5550	4950	*2600	*2600	*2600	
	Free on wheels – wide axles				*7850	*7850	*7850	*6700	*6700	*6700	*5550	*5550	*5550	*2600	*2600	*2600	
3000 mm	Free on wheels				9550	7550	6250	6150	4900	4100	4350	3450	2900	*2600	*2600	2250	8580
	Front empty – rear dozer – stabilized				9500	*9850	6950	6100	*7200	4550	4300	*5700	3200	*2600	*2600	2500	
	Front stabilizer – rear stabilizer – stabilized				*9850	*9850	*9850	*7200	*7200	6850	*5700	*5700	4850	*2600	*2600	*2600	
	Free on wheels – wide axles				*9850	*9850	*9850	*7200	*7200	*7200	*5700	*5700	*5700	*2600	*2600	*2600	
1500 mm	Free on wheels				8850	6900	5600	5800	4600	3800	4200	3300	2750	*2650	2600	2150	8660
	Front empty – rear dozer – stabilized				8850	*11 200	6300	5800	*7850	4250	4150	*6000	3050	*2650	*2650	2450	
	Front stabilizer – rear stabilizer – stabilized				*11 200	*11 200	10 100	*7850	*7850	6550	*6000	*6000	4700	*2650	*2650	*2650	
	Free on wheels – wide axles				*11 200	*11 200	*11 200	*7850	*7850	*7850	*6000	*6000	5600	*2650	*2650	*2650	
0 mm	Free on wheels				8500	6550	5300	5600	4350	3600	4050	3200	2600	*2850	2650	2200	8460
	Front empty – rear dozer – stabilized				8450	*11 500	5950	5550	*8300	4000	4050	*6350	2950	*2850	*2850	2450	
	Front stabilizer – rear stabilizer – stabilized				*11 500	*11 500	9700	*8300	*8300	6300	*6350	*6350	4550	*2850	*2850	*2850	
	Free on wheels – wide axles				*11 500	*11 500	*11 500	*8300	*8300	7600	*6350	*6350	5450	*2850	*2850	*2850	
–1500 mm	Free on wheels	*9500	*9500	*9500	8400	6450	5200	5500	4250	3500	4050	3150	2600	*3250	2900	2400	7970
	Front empty – rear dozer – stabilized	*9500	*9500	*9500	8350	*10 700	5850	5450	*7900	3900	4000	*5850	2900	*3250	*3250	2700	
	Front stabilizer – rear stabilizer – stabilized	*9500	*9500	*9500	*10 700	*10 700	9600	*7900	*7900	6200	*5850	*5850	4500	*3250	*3250	*3250	
	Free on wheels – wide axles	*9500	*9500	*9500	*10 700	*10 700	*10 700	*7900	*7900	7500	*5850	*5850	5450	*3250	*3250	*3250	
–3000 mm	Free on wheels				8450	6550	5250	5550	4300	3550							
	Front empty – rear dozer – stabilized				8450	*8950	5950	5500	*6600	3950							
	Front stabilizer – rear stabilizer – stabilized				*8950	*8950	*8950	*6600	*6600	6250							
	Free on wheels – wide axles				*8950	*8950	*8950	*6600	*6600	*6600							

*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, 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 10,362 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
30 ft	Free on wheels													*9,500	*9,500	*9,500	13.91
	Front empty – rear dozer – stabilized													*9,500	*9,500	*9,500	
	Front stabilizer – rear stabilizer – stabilized													*9,500	*9,500	*9,500	
	Free on wheels – wide axles													*9,500	*9,500	*9,500	
25 ft	Free on wheels							*9,700	*9,700	9,600				*7,000	*7,000	*7,000	20.64
	Front empty – rear dozer – stabilized							*9,700	*9,700	*9,700				*7,000	*7,000	*7,000	
	Front stabilizer – rear stabilizer – stabilized							*9,700	*9,700	*9,700				*7,000	*7,000	*7,000	
	Free on wheels – wide axles							*9,700	*9,700	*9,700				*7,000	*7,000	*7,000	
20 ft	Free on wheels							*13,700	11,600	9,800				*6,100	*6,100	*6,100	24.51
	Front empty – rear dozer – stabilized							*13,700	*13,700	10,800				*6,100	*6,100	*6,100	
	Front stabilizer – rear stabilizer – stabilized							*13,700	*13,700	*13,700				*6,100	*6,100	*6,100	
	Free on wheels – wide axles							*13,700	*13,700	*13,700				*6,100	*6,100	*6,100	
15 ft	Free on wheels				*16,900	*16,900	14,900	13,900	11,200	9,400	9,600	7,700	6,400	*5,700	*5,700	5,600	26.87
	Front empty – rear dozer – stabilized				*16,900	*16,900	16,400	13,800	*14,600	10,400	9,600	*12,000	7,100	*5,700	*5,700	*5,700	
	Front stabilizer – rear stabilizer – stabilized				*16,900	*16,900	*16,900	*14,600	*14,600	*14,600	*12,000	*12,000	10,700	*5,700	*5,700	*5,700	
	Free on wheels – wide axles				*16,900	*16,900	*16,900	*14,600	*14,600	*14,600	*12,000	*12,000	*12,000	*5,700	*5,700	*5,700	
10 ft	Free on wheels				20,600	16,400	13,500	13,200	10,500	8,800	9,300	7,400	6,200	*5,700	*5,700	5,000	28.12
	Front empty – rear dozer – stabilized				20,500	*21,200	15,000	13,200	*15,600	9,800	9,300	*12,400	6,900	*5,700	*5,700	5,600	
	Front stabilizer – rear stabilizer – stabilized				*21,200	*21,200	*21,200	*15,600	*15,600	14,800	*12,400	*12,400	10,400	*5,700	*5,700	*5,700	
	Free on wheels – wide axles				*21,200	*21,200	*21,200	*15,600	*15,600	*15,600	*12,400	*12,400	*12,400	*5,700	*5,700	*5,700	
5 ft	Free on wheels				19,100	14,900	12,100	12,500	9,900	8,200	9,000	7,100	5,900	*5,900	5,800	4,800	28.41
	Front empty – rear dozer – stabilized				19,000	*24,200	13,600	12,500	*16,900	9,100	9,000	*13,000	6,600	*5,900	*5,900	5,400	
	Front stabilizer – rear stabilizer – stabilized				*24,200	*24,200	21,700	*16,900	*16,900	14,100	*13,000	*13,000	10,100	*5,900	*5,900	*5,900	
	Free on wheels – wide axles				*24,200	*24,200	*24,200	*16,900	*16,900	*16,900	*13,000	*13,000	12,000	*5,900	*5,900	*5,900	
0 ft	Free on wheels				18,300	14,100	11,400	12,000	9,400	7,700	8,800	6,800	5,700	*6,300	5,900	4,900	27.76
	Front empty – rear dozer – stabilized				18,200	*24,900	12,900	12,000	*18,000	8,700	8,700	*13,700	6,300	*6,300	*6,300	5,500	
	Front stabilizer – rear stabilizer – stabilized				*24,900	*24,900	20,900	*18,000	*18,000	13,600	*13,700	*13,700	9,800	*6,300	*6,300	*6,300	
	Free on wheels – wide axles				*24,900	*24,900	*24,900	*18,000	*18,000	16,400	*13,700	*13,700	11,800	*6,300	*6,300	*6,300	
–5 ft	Free on wheels	*21,600	*21,600	20,700	18,000	13,900	11,200	11,800	9,200	7,500	8,700	6,800	5,600	*7,200	6,400	5,300	26.12
	Front empty – rear dozer – stabilized	*21,600	*21,600	*21,600	18,000	*23,200	12,600	11,800	*17,100	8,500	8,700	*12,500	6,300	*7,200	*7,200	5,900	
	Front stabilizer – rear stabilizer – stabilized	*21,600	*21,600	*21,600	*23,200	*23,200	20,600	*17,100	*17,100	13,300	*12,500	*12,500	9,800	*7,200	*7,200	*7,200	
	Free on wheels – wide axles	*21,600	*21,600	*21,600	*23,200	*23,200	*23,200	*17,100	*17,100	16,200	*12,500	*12,500	11,700	*7,200	*7,200	*7,200	
–10 ft	Free on wheels				18,200	14,100	11,300	11,900	9,300	7,600							
	Front empty – rear dozer – stabilized				18,100	*19,300	12,800	11,900	*14,100	8,500							
	Front stabilizer – rear stabilizer – stabilized				*19,300	*19,300	*19,300	*14,100	*14,100	13,400							
	Free on wheels – wide axles				*19,300	*19,300	*19,300	*14,100	*14,100	*14,100							

*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.

M322 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Europe

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
Pin-On (No Quick Coupler)								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	1200	48	1.19	1.56	771	1,700	100	○	⊖	●	●	○	○	●	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	◇	○	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	2368	2690	4218	5263	2128	2429	3858	4827
							lb	5,221	5,930	9,299	11,603	4,692	5,356	8,504	10,641

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
Pin-On (No Quick Coupler) ***(continued)***								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	1200	48	1.19	1.56	771	1,700	100	◇	○	●	●	X	◇	●	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	X	X	●	●	X	X	◉	●
Maximum load with pin-on (payload + bucket)							kg	1872	2172	3608	4586	1659	1940	3284	4192
							lb	4,127	4,788	7,954	10,110	3,658	4,278	7,239	9,241

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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.

	Width		Capacity		Weight		Fill							
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
								4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With Pin Grabber Coupler								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
General Duty – GD	1200	48	1.19	1.56	771	1,700	100	◇	○	●	●	X	◇	●	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	X	◇	●	●	X	X	◉	●
Maximum load with coupler (payload + bucket)							kg	1947	2268	3796	4841	1707	2008	3436	4405
							lb	4,292	5,001	8,370	10,673	3,763	4,426	7,575	9,711

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With Pin Grabber Coupler *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
General Duty – GD	1200	48	1.19	1.56	771	1,700	100	X	X	●	●	X	X	◉	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	X	X	⊖	●	X	X	○	●
Maximum load with coupler (payload + bucket)							kg	1450	1750	3186	4164	1238	1519	2862	3770
							lb	3,197	3,858	7,024	9,181	2,729	3,348	6,310	8,311

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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)

M322 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With CW-30 Coupler								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	900	36	0.81	1.06	664	1,463	100	◉	●	●	●	⊖	◉	●	●
	1050	42	1.00	1.31	806	1,776	100	○	⊖	●	●	◇	○	●	●
	1200	48	1.19	1.56	781	1,721	100	◇	○	●	●	◇	○	●	●
	1300	51	1.30	1.70	813	1,791	100	◇	○	●	●	X	◇	●	●
General Duty – Leveling Edge – GD-LE	650	26	0.60	0.78	494	1,089	100	●	●	●	●	●	●	●	●
	800	31	0.68	0.89	651	1,435	100	●	●	●	●	◉	●	●	●
	1000	39	0.92	1.20	743	1,638	100	⊖	◉	●	●	○	⊖	●	●
	1200	47	1.19	1.55	841	1,854	100	◇	○	●	●	◇	◇	●	●
	1300	51	1.30	1.70	868	1,914	100	◇	○	●	●	X	◇	●	●
	1400	55	1.43	1.87	920	2,028	100	X	◇	●	●	X	◇	◉	●
Heavy Duty – HD	600	24	0.46	0.61	618	1,363	100	●	●	●	●	●	●	●	●
	1200	48	1.19	1.56	886	1,953	100	◇	○	●	●	X	◇	●	●
	1300	51	1.30	1.70	925	2,040	100	◇	○	●	●	X	◇	●	●
Severe Duty Spade – SDS	1200	47	1.20	1.57	970	2,139	100	◇	○	●	●	X	◇	●	●
	2100	83	1.29	1.69	792	1,746	100	◇	○	●	●	X	◇	●	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1168	2,575	100	X	◇	●	●	X	X	◉	●
Maximum load with coupler (payload + bucket)							kg	2123	2445	3973	5018	1883	2184	3613	4582
							lb	4,681	5,390	8,759	11,062	4,152	4,816	7,964	10,101

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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.

	Width		Capacity		Weight		Fill	3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With CW-30 Coupler *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	900	36	0.81	1.06	664	1,463	100	○	⊖	●	●	◇	○	●	●
	1050	42	1.00	1.31	806	1,776	100	X	◇	●	●	X	◇	●	●
	1200	48	1.19	1.56	781	1,721	100	X	◇	●	●	X	X	◉	●
	1300	51	1.30	1.70	813	1,791	100	X	X	◉	●	X	X	⊖	●
General Duty – Leveling Edge – GD-LE	650	26	0.60	0.78	494	1,089	100	◉	●	●	●	⊖	●	●	●
	800	31	0.68	0.89	651	1,435	100	⊖	◉	●	●	◇	⊖	●	●
	1000	39	0.92	1.20	743	1,638	100	◇	○	●	●	X	◇	●	●
	1200	47	1.19	1.55	841	1,854	100	X	◇	●	●	X	X	◉	●
	1300	51	1.30	1.70	868	1,914	100	X	X	◉	●	X	X	⊖	●
	1400	55	1.43	1.87	920	2,028	100	X	X	⊖	●	X	X	⊖	●
Heavy Duty – HD	600	24	0.46	0.61	618	1,363	100	●	●	●	●	◉	●	●	●
	1200	48	1.19	1.56	886	1,953	100	X	◇	●	●	X	X	◉	●
	1300	51	1.30	1.70	925	2,040	100	X	X	◉	●	X	X	⊖	●
Severe Duty Spade – SDS	1200	47	1.20	1.57	970	2,139	100	X	X	◉	●	X	X	◉	●
	2100	83	1.29	1.69	792	1,746	100	X	◇	◉	●	X	X	◉	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1168	2,575	100	X	X	◉	●	X	X	⊖	●
Maximum load with coupler (payload + bucket)							kg	1627	1927	3363	4341	1414	1695	3039	3947
							lb	3,586	4,248	7,414	9,570	3,118	3,738	6,699	8,701

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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)

M322 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With CW-30S Coupler								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	600	24	0.46	0.61	508	1,119	100	●	●	●	●	●	●	●	●
	750	30	0.64	0.84	592	1,305	100	●	●	●	●	●	●	●	●
	900	36	0.81	1.06	661	1,457	100	◉	●	●	●	⊖	◉	●	●
	1300	51	1.30	1.70	810	1,785	100	◇	○	●	●	X	◇	●	●
Heavy Duty – HD	1400	55	1.43	1.87	845	1,862	100	◇	◇	●	●	X	◇	◉	●
	600	24	0.46	0.61	585	1,289	100	●	●	●	●	●	●	●	●
	1200	48	1.19	1.56	875	1,928	100	◇	○	●	●	◇	◇	●	●
	1300	52	1.30	1.70	931	2,052	100	◇	○	●	●	X	◇	●	●
Ditch Cleaning – DC	2000	78	1.22	1.60	815	1,797	100	◇	○	●	●	◇	○	●	●
	2200	87	1.36	1.78	880	1,940	100	◇	○	●	●	X	◇	●	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	X	◇	●	●	X	◇	●	●
Maximum load with coupler (payload + bucket)							kg	2146	2468	3996	5041	1906	2207	3636	4605
							lb	4,732	5,441	8,810	11,113	4,203	4,867	8,015	10,151

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
With CW-30S Coupler *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
General Duty – GD	600	24	0.46	0.61	508	1,119	100	●	●	●	●	●	●	●	●
	750	30	0.64	0.84	592	1,305	100	⊖	●	●	●	○	◉	●	●
	900	36	0.81	1.06	661	1,457	100	○	⊖	●	●	◇	○	●	●
	1300	51	1.30	1.70	810	1,785	100	X	◇	◉	●	X	X	◉	●
Heavy Duty – HD	1400	55	1.43	1.87	845	1,862	100	X	X	◉	●	X	X	⊖	●
	600	24	0.46	0.61	585	1,289	100	●	●	●	●	◉	●	●	●
	1200	48	1.19	1.56	875	1,928	100	X	◇	●	●	X	X	◉	●
	1300	52	1.30	1.70	931	2,052	100	X	X	◉	●	X	X	⊖	●
Ditch Cleaning – DC	2000	78	1.22	1.60	815	1,797	100	X	◇	●	●	X	X	◉	●
	2200	87	1.36	1.78	880	1,940	100	X	X	◉	●	X	X	⊖	●
Ditch Cleaning Tilt – DCT	2000	79	1.23	1.61	1142	2,518	100	X	X	◉	●	X	X	⊖	●
Maximum load with coupler (payload + bucket)							kg	1650	1950	3386	4364	1437	1718	3062	3970
							lb	3,637	4,298	7,464	9,621	3,169	3,789	6,750	8,751

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
No Machine Coupler, TRS18 CW30								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	785	1,731	100	X	◇	●	●	X	X	●	●
Trenching – General Duty – TR-GD	660	26	0.55	0.72	506	1,116	100	●	●	●	●	⊖	●	●	●
Maximum load with coupler (payload + bucket)							kg	1609	1931	3459	4504	1369	1670	3099	4068
							lb	3,548	4,257	7,626	9,929	3,019	3,683	6,831	8,967

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
No Machine Coupler, TRS18 CW30 *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	785	1,731	100	X	X	⦿	●	X	X	⊖	●
Trenching – General Duty – TR-GD	660	26	0.55	0.72	506	1,116	100	◇	⊖	●	●	X	○	●	●
Maximum load with coupler (payload + bucket)							kg	1113	1413	2849	3827	900	1181	2525	3433
							lb	2,453	3,115	6,281	8,437	1,985	2,605	5,566	7,567

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
No Machine Coupler, TRS18 CW30S								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	774	1,706	100	X	◇	●	●	X	◇	●	●
Trenching – General Duty – TR-GD	600	24	0.55	0.72	496	1,093	100	●	●	●	●	⊖	●	●	●
Maximum load with coupler (payload + bucket)							kg	1655	1977	3505	4550	1415	1716	3145	4114
							lb	3,650	4,358	7,727	10,031	3,120	3,784	6,933	9,069

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
No Machine Coupler, TRS18 CW30S *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	774	1,706	100	X	X	⦿	●	X	X	⊖	●
Trenching – General Duty – TR-GD	600	24	0.55	0.72	496	1,093	100	○	⦿	●	●	X	○	●	●
Maximum load with coupler (payload + bucket)							kg	1159	1459	2895	3873	946	1227	2571	3479
							lb	2,555	3,216	6,382	8,538	2,086	2,706	5,667	7,669

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
CW30, TRS18 CW30								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	785	1,731	100	X	X	●	●	X	X	◉	●
Trenching – General Duty – TR-GD	660	26	0.55	0.72	506	1,116	100	⊖	●	●	●	○	◉	●	●
Maximum load with coupler (payload + bucket)							kg	1397	1719	3247	4292	1157	1458	2887	3856
							lb	3,081	3,790	7,159	9,462	2,552	3,215	6,364	8,500

	Width		Capacity		Weight		Fill	3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
CW30, TRS18 CW30 *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
	mm	in	m^3	yd^3	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
Grading – General Duty – GR-GD	1800	71	1.10	1.44	785	1,731	100	X	X	⊖	●	X	X	○	●
Trenching – General Duty – TR-GD	660	26	0.55	0.72	506	1,116	100	X	○	●	●	X	X	●	●
Maximum load with coupler (payload + bucket)							kg	901	1201	2637	3615	688	969	2313	3221
							lb	1,986	2,647	5,813	7,970	1,517	2,137	5,098	7,100

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)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill							
	mm	in	m³	yd³	kg	lb	%	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
								4700 kg (10,362 lb) Counterweight				4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
CW30S, TRS18 CW30S								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
Grading – General Duty – GR-GD	1800	71	1.10	1.44	774	1,706	100	X	◇	●	●	X	X	◉	●
Trenching – General Duty – TR-GD	600	24	0.55	0.72	496	1,093	100	◉	●	●	●	○	◉	●	●
Maximum load with coupler (payload + bucket)							kg	1464	1786	3314	4359	1224	1525	2954	3923
							lb	3,228	3,937	7,306	9,610	2,699	3,363	6,511	8,648

								3500 kg (7,716 lb) Counterweight				3500 kg (7,716 lb) Counterweight			
								Variable Angle Boom				Variable Angle Boom			
CW30S, TRS18 CW30S *(continued)*								R2.5 (8'2") Stick				R2.9 (9'6") Stick			
Grading – General Duty – GR-GD	1800	71	1.10	1.44	774	1,706	100	X	X	◉	●	X	X	⊖	●
Trenching – General Duty – TR-GD	600	24	0.55	0.72	496	1,093	100	◇	○	●	●	X	◇	●	●
Maximum load with coupler (payload + bucket)							kg	968	1268	2704	3682	755	1036	2380	3288
							lb	2,134	2,795	5,961	8,117	1,665	2,285	5,246	7,248

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on Wheels	Rear Dozer Lowered	Front Dozer and Rear Stabilizer Lowered	Front Dozer and Rear Stabilizer Lowered	Fully Stabilized	Free on Wheels	Rear Dozer Lowered	Front Dozer and Rear Stabilizer Lowered	Front Dozer and Rear Stabilizer Lowered	Fully Stabilized
	mm	in	m³	yd³	kg	lb	%										
								4700 kg (10,362 lb) Counterweight					4700 kg (10,362 lb) Counterweight				
								Variable Angle Boom					Variable Angle Boom				
S70, TRS18 S70								R2.5 (8'2") Stick					R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	691	1,523	100	X	○	●	●	●	X	◇	●	●	●
	1800	71	1.10	1.44	758	1,671	100	X	◇	●	●	●	X	◇	●	●	●
Digging – General Duty	1150	45	0.90	1.18	778	1,715	100	X	○	●	●	●	X	◇	●	●	●
	1280	49	1.10	1.44	850	1,874	100	X	◇	●	●	●	X	X	●	●	●
Trenching – General Duty	600	24	0.55	0.72	460	1,014	100	⦿	●	●	●	●	⦿	●	●	●	●
Maximum load with coupler (payload + bucket)							kg	1440	1974	3502	3627	4547	1412	1713	3142	3257	4111
							lb	3,176	4,352	7,721	7,996	10,024	3,114	3,778	6,926	7,180	9,062

								3500 kg (7,716 lb) Counterweight					3500 kg (7,716 lb) Counterweight				
								Variable Angle Boom					Variable Angle Boom				
S70, TRS14 S70 *(continued)*								R2.5 (8'2") Stick					R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	691	1,523	100	X	X	●	●	●	X	X	⦿	⦿	●
	1800	71	1.10	1.44	758	1,671	100	X	X	⦿	●	●	X	X	⊖	⦿	●
Digging – General Duty	1150	45	0.90	1.18	778	1,715	100	X	X	●	●	●	X	X	⦿	●	●
	1280	49	1.10	1.44	850	1,874	100	X	X	⦿	⦿	●	X	X	⊖	⊖	●
Trenching – General Duty	600	24	0.55	0.72	460	1,014	100	○	⦿	●	●	●	◇	○	●	●	●
Maximum load with coupler (payload + bucket)							kg	1156	1456	2892	3008	3870	943	1224	2568	2675	3476
							lb	2,548	3,209	6,375	6,632	8,532	2,080	2,699	5,661	5,897	7,662

								4700 kg (10,362 lb) Counterweight					4700 kg (10,362 lb) Counterweight				
								Variable Angle Boom					Variable Angle Boom				
HCS70/55, TRS18 HCS70/55								R2.5 (8'2") Stick					R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	694	1,530	100	X	○	●	●	●	X	◇	●	●	●
	1800	71	1.10	1.44	761	1,678	100	X	◇	●	●	●	X	◇	●	●	●
Trenching – General Duty	600	24	0.55	0.72	482	1,063	100	⦿	●	●	●	●	⊖	●	●	●	●
Digging – General Duty	1150	45	0.90	1.18	774	1,706	100	X	○	●	●	●	X	◇	●	●	●
	1280	49	1.10	1.44	846	1,865	100	X	◇	●	●	●	X	X	●	●	●
Maximum load with coupler (payload + bucket)							kg	1173	1495	3023	3148	4068	933	1234	2663	2778	3632
							lb	2,587	3,296	6,665	6,940	8,968	2,058	2,722	5,870	6,124	8,006

								3500 kg (7,716 lb) Counterweight					3500 kg (7,716 lb) Counterweight				
								Variable Angle Boom					Variable Angle Boom				
HCS70/55, TRS18 HCS70/55 *(continued)*								R2.5 (8'2") Stick					R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	694	1,530	100	X	X	●	●	●	X	X	⦿	⦿	●
	1800	71	1.10	1.44	761	1,678	100	X	X	⦿	●	●	X	X	⊖	⦿	●
Trenching – General Duty	600	24	0.55	0.72	482	1,063	100	○	⦿	●	●	●	X	○	●	●	●
Digging – General Duty	1150	45	0.90	1.18	774	1,706	100	X	X	●	●	●	X	X	⦿	●	●
	1280	49	1.10	1.44	846	1,865	100	X	X	⦿	⦿	●	X	X	⊖	⊖	●
Maximum load with coupler (payload + bucket)							kg	677	977	2413	2529	3391	464	745	2089	2196	2997
							lb	1,492	2,153	5,319	5,576	7,476	1,024	1,643	4,605	4,841	6,606

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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M322 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – North America

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
	mm	in	m³	yd³	kg	lb	%				
								4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom			
Pin-On (No Quick Coupler)								R2.9 (9'6") Stick			
General Duty – GD	600	24	0.55	0.72	620	1,366	100	●	●	●	●
	750	30	0.75	0.98	717	1,580	100	◉	●	●	●
	900	36	0.95	1.24	793	1,747	100	○	◉	●	●
	1050	42	1.16	1.52	848	1,869	100	◇	○	●	●
	1200	48	1.38	1.80	924	2,038	100	◇	◇	●	●
Heavy Duty – HD	600	24	0.46	0.60	647	1,426	100	●	●	●	●
	750	30	0.64	0.84	752	1,658	100	●	●	●	●
	900	36	0.81	1.06	835	1,841	100	⊖	◉	●	●
	1050	42	1.00	1.31	892	1,967	100	○	⊖	●	●
	1200	48	1.19	1.56	975	2,150	100	◇	○	●	●
	1350	54	1.38	1.81	1060	2,336	100	X	◇	●	●
Heavy Duty – Pin Grabber Performance – HD-PGP	600	24	0.44	0.57	682	1,503	100	●	●	●	●
	750	30	0.60	0.79	787	1,735	100	●	●	●	●
	900	36	0.76	1.00	876	1,931	100	⊖	●	●	●
	1050	42	0.93	1.22	940	2,072	100	○	⊖	●	●
	1200	48	1.11	1.45	1031	2,272	100	◇	○	●	●
	1350	54	1.28	1.67	1122	2,474	100	X	◇	●	●
Severe Duty – SD	600	24	0.46	0.61	683	1,506	90	●	●	●	●
	750	30	0.64	0.84	795	1,753	90	●	●	●	●
	900	36	0.81	1.06	885	1,950	90	⊖	●	●	●
	1050	42	1.00	1.31	948	2,091	90	○	⊖	●	●
	1200	48	1.19	1.56	1038	2,289	90	◇	○	●	●
Heavy Duty Performance – HDP	1200	48	0.96	1.26	898	1,980	100	○	⊖	●	●
	600	24	1.14	1.49	983	2,167	100	◇	○	●	●
Ditch Cleaning Tilt – DCT	1500	60	0.90	1.18	954	2,104	100	○	⊖	●	●
	1800	72	1.11	1.45	1069	2,357	100	◇	○	●	●
	1800	72	1.40	1.83	1110	2,448	100	X	◇	◉	●
	2000	79	1.23	1.61	1137	2,507	100	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	2128	2429	3858	4827
							lb	4,692	5,356	8,504	10,641

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

Bucket Specifications and Compatibility – North America *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on Wheels	Rear Dozer Lowered	Stabilizer and Dozer Lowered	Fully Stabilized
	mm	in	m^3	yd^3	kg	lb	%				
								4700 kg (10,362 lb) Counterweight			
								Variable Angle Boom			
With Pin Grabber Coupler								R2.9 (9'6") Stick			
General Duty – GD	600	24	0.55	0.72	620	1,366	100	◉	●	●	●
	750	30	0.75	0.98	717	1,580	100	○	◉	●	●
	900	36	0.95	1.24	793	1,747	100	◇	○	●	●
	1050	42	1.16	1.52	848	1,869	100	X	◇	●	●
	1200	48	1.38	1.80	924	2,038	100	X	X	◉	●
Heavy Duty – HD	600	24	0.46	0.60	647	1,426	100	●	●	●	●
	750	30	0.64	0.84	752	1,658	100	⊖	◉	●	●
	900	36	0.81	1.06	835	1,841	100	◇	⊖	●	●
	1050	42	1.00	1.31	892	1,967	100	X	◇	●	●
	1200	48	1.19	1.56	975	2,150	100	X	◇	●	●
	1350	54	1.38	1.81	1060	2,336	100	X	X	◉	●
Heavy Duty – Pin Grabber Performance – HD-PGP	600	24	0.44	0.57	682	1,503	100	●	●	●	●
	750	30	0.60	0.79	787	1,735	100	⊖	●	●	●
	900	36	0.76	1.00	876	1,931	100	◇	⊖	●	●
	1050	42	0.93	1.22	940	2,072	100	X	○	●	●
	1200	48	1.11	1.45	1031	2,272	100	X	◇	●	●
	1350	54	1.28	1.67	1122	2,474	100	X	X	◉	●
Severe Duty – SD	600	24	0.46	0.61	683	1,506	90	●	●	●	●
	750	30	0.64	0.84	795	1,753	90	⊖	●	●	●
	900	36	0.81	1.06	885	1,950	90	◇	⊖	●	●
	1050	42	1.00	1.31	948	2,091	90	X	○	●	●
	1200	48	1.19	1.56	1038	2,289	90	X	◇	●	●
Heavy Duty Performance – HDP	1200	48	0.96	1.26	898	1,980	100	X	○	●	●
	600	24	1.14	1.49	983	2,167	100	X	◇	●	●
Ditch Cleaning Tilt – DCT	1500	60	0.90	1.18	954	2,104	100	X	○	●	●
	1800	72	1.11	1.45	1069	2,357	100	X	X	●	●
	1800	72	1.40	1.83	1110	2,448	100	X	X	⊖	●
	2000	79	1.23	1.61	1137	2,507	100	X	X	◉	●
Maximum load with coupler (payload + bucket)							kg	1707	2008	3436	4405
							lb	3,763	4,426	7,575	9,711

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 EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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(continued on next page)

M322 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – North America *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on Wheels	Rear Dozer Lowered	Front Dozer and Rear Stabilizer Lowered	Front Dozer and Rear Stabilizer Lowered	Fully Stabilized
	mm	in	m³	yd³	kg	lb	%					
								4700 kg (10,362 lb) Counterweight				
								Variable Angle Boom				
S70, TRS18 S70								R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	691	1,523	100	X	◇	●	●	●
	1800	71	1.10	1.44	758	1,671	100	X	◇	●	●	●
Digging – General Duty	1150	45	0.90	1.18	778	1,715	100	X	◇	●	●	●
	1280	49	1.10	1.44	850	1,874	100	X	X	●	●	●
Trenching – General Duty	600	24	0.55	0.72	460	1,014	100	◉	●	●	●	●
Maximum load with coupler (payload + bucket)							kg	1412	1713	3142	3257	4111
							lb	3,114	3,778	6,926	7,180	9,062
								4700 kg (10,362 lb) Counterweight				
								Variable Angle Boom				
HCS70/55, TRS18 HCS70/55								R2.9 (9'6") Stick				
Grading – General Duty	1600	63	1.00	1.31	694	1,530	100	X	◇	●	●	●
	1800	71	1.10	1.44	761	1,678	100	X	◇	●	●	●
Trenching – General Duty	600	24	0.55	0.72	482	1,063	100	⊖	●	●	●	●
Digging – General Duty	1150	45	0.90	1.18	774	1,706	100	X	◇	●	●	●
	1280	49	1.10	1.44	846	1,865	100	X	X	●	●	●
Maximum load with coupler (payload + bucket)							kg	933	1234	2663	2778	3632
							lb	2,058	2,722	5,870	6,124	8,006

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, 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.

Bucket weight with General Duty tips.

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

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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

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓		✓		✓		✓	
Pulverizers	P218 Secondary Pulverizer	✓		✓		✓		✓	
	P318 Primary Pulverizer	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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.

● 1800 kg/m³ (3000 lb/yd³) ○ 1200 kg/m³ (2000 lb/yd³) ◇ 600 kg/m³ (1000 lb/yd³) No Match

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		**3500 kg (7,716 lb)**		**4700 kg (10,362 lb)**		**3500 kg (7,716 lb)**		**4700 kg (10,362 lb)**	
Boom Type		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**	
Stick Length		**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	○	●	○	●	○
	GSH425-750	●		●		●		●	
	GSH425-950	○		○		○		○	
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	●	○	●	○	●	○
	GSH525-750	○		○		○		○	
	GSV420-400	●	●	●	●	●	●	●	●
	GSV420-500	●	●	●	●	●	●	●	●
	GSV420-600	●	●	●	●	●	●	●	●
	GSV420-750	●	○	●	○	●	○	●	○
	GSV420-1250	◇	◇	◇	◇	◇	◇	◇	◇
	GSV425-600	●	○	●	○	●	○	●	○
	GSV425-750	●	○	●	○	●	○	●	○
	GSV425-950	○		○		○		○	
	GSV425-1550	◇		◇		◇		◇	
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	●	●	●
	GSV520 GC-600	●	●	●	●	●	●	●	●
	GSV520 GC-750	●	○	●	○	●	○	●	○
	GSV520 GC-1250	◇	◇	◇	◇	◇	◇	◇	◇
	GSV520-400	●	●	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●	●	●
	GSV520-750	●	○	●	○	●	○	●	○
	GSV520-1250	◇	◇	◇	◇	◇	◇	◇	◇
	GSV525-600	●		●		●		●	
	GSV525-750	○		○		○		○	
	GSV525-950	○		○		○		○	
	GSV525-1550	◇		◇		◇		◇	
Clamshell Grapples	CTV15-1000	○		○		○		○	
	CTV15-1200	○		○		○		○	

(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

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓	✓	✓*	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓				✓	
	MP318 Demolition Jaw	✓		✓				✓	
	MP318 Pulverizer Jaw	✓		✓				✓	
	MP318 Shear Jaw	✓		✓				✓	
	MP318 Universal Jaw	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓		✓	✓
	G318	✓		✓				✓	
	G318 WH-800	✓	✓	✓	✓	✓*		✓	✓
	G318 WH-1100	✓		✓				✓*	
Pulverizers	P218 Secondary Pulverizer	✓		✓				✓	
	P318 Primary Pulverizer	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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.

● 1800 kg/m³ (3000 lb/yd³) ○ 1200 kg/m³ (2000 lb/yd³) ◇ 600 kg/m³ (1000 lb/yd³) No Match

PIN-ON ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Orange Peel Grapples	GSH420-500	●	●	●	●	●	○	●	●
	GSH420-600	●	●	●	●	○	○	●	●
	GSH420-750	●	○	●	○	○		●	○
	GSH425-750	●		●				○	
	GSH425-950	○		○					
	GSH520-500	●	●	●	●	○	○	●	●
	GSH520-600	●	●	●	●	○		●	○
	GSH520-750	●	○	●	○			○	○
	GSH525-750	○		○					
	GSV420-400	●	●	●	●	●	●	●	●
	GSV420-500	●	●	●	●	●	●	●	●
	GSV420-600	●	●	●	●	●	○	●	●
	GSV420-750	●	○	●	○	○		●	○
	GSV420-1250	◇	◇	◇	◇	◇	◇	◇	◇
	GSV425-600	●	○	●	○			●	○
	GSV425-750	●	○	●	○			○	
	GSV425-950	○		○					
	GSV425-1550	◇		◇					
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	○	●	●
	GSV520 GC-600	●	●	●	●	○	○	●	●
	GSV520 GC-750	●	○	●	○	○		●	○
	GSV520 GC-1250	◇	◇	◇	◇	◇		◇	◇
	GSV520-400	●	●	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	○	●	●
	GSV520-600	●	●	●	●	○	○	●	●
	GSV520-750	●	○	●	○			○	○
	GSV520-1250	◇	◇	◇	◇	◇		◇	◇
	GSV525-600	●		●				○	
	GSV525-750	○		○					
	GSV525-950	○		○					
	GSV525-1550	◇		◇					
Clamshell Grapples	CTV15-1000	○		○				○	
	CTV15-1200	○		○					

(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

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓		✓	
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓				✓	
	H120 S	✓	✓	✓	✓	✓*		✓	✓
	H130 S	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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

CW-40s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CW-40s DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓*		✓	✓
	H120 S	✓	✓	✓	✓	✓	✓*	✓	✓
	H130 S	✓		✓				✓	
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓				✓	
	MP318 Demolition Jaw	✓		✓				✓	
	MP318 Shear Jaw	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓*		✓	✓
	G318	✓		✓				✓	
	G318 WH-800	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓		✓		✓		✓	
	G317 GC Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 Fixed CAN	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CW-40 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓*		✓	✓
	H120 S	✓	✓	✓	✓	✓		✓	✓
	H130 S	✓		✓				✓	
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓				✓	
	MP318 Demolition Jaw	✓		✓				✓	
	MP318 Shear Jaw	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓		✓				✓	
	G317 GC Fixed CAN	✓	✓	✓	✓	✓*		✓	✓
	G318	✓		✓				✓	
	G318 Fixed CAN	✓		✓				✓	
	G318 WH-800	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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

HCCW40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓		✓	
	H120 S	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

HCCW40 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓				✓	
	H120 S	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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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

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓		✓	
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

S70 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓*		✓	
	H120 S	✓	✓	✓	✓	✓		✓	✓
	H130 S	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓		✓				✓	
	G318 WH-800	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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

HCS70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

HCS70 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓*		✓	✓
	H130 S	✓		✓				✓	
Demolition and Sorting Grapples	G317 GC	✓		✓				✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(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

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers				Front Outriggers; Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

HCS70/55 DEDICATED COUPLER ATTACHMENTS *(continued)*

Undercarriage		Front and Rear Outriggers				Rear Blade			
Counterweight		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓*		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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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

TRS18 (PIN-ON TOP/CW-30s 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓		✓		✓	
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC Fixed CAN	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (PIN-ON TOP/CW-30s 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓				✓	
	H115 S	✓	✓	✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G217 GC Fixed CAN	✓		✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓		✓	✓

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.

(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

TRS18 (CW-30s TOP/CW-30s 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓		✓		✓	

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.

TRS18 (CW-30s TOP/CW-30s 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)	4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable	Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓			✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓			✓	

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.

(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

TRS18 (PIN-ON TOP/CW-30 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓		✓		✓	
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC Fixed CAN	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (PIN-ON TOP/CW-30 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓				✓	
	H115 S	✓	✓	✓	✓	✓*		✓	✓
Demolition and Sorting Grapples	G217 GC Fixed CAN	✓		✓				✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓*	✓	✓
	CVP110	✓	✓	✓	✓	✓*		✓	✓

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.

(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

TRS18 (CW-30 TOP/CW-30 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓		✓		✓	

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.

TRS18 (CW-30 TOP/CW-30 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)	4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable	Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓			✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓*	✓	✓
	CVP110	✓		✓			✓	

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.

(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

TRS18 (PIN-ON TOP/S70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓		✓		✓	
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (PIN-ON TOP/S70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓		✓*		✓	
	H115 S	✓	✓	✓	✓	✓	✓*	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓*	✓	✓

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.

(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

TRS18 (S70 TOP/S70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓		✓		✓	

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.

TRS18 (S70 TOP/S70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)	4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable	Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓			✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓			✓	

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.

(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

TRS18 (PIN-ON TOP/HCS70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (PIN-ON TOP/HCS70 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓*		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓*	✓	✓
	CVP110	✓	✓	✓	✓	✓*		✓	✓

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.

(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

TRS18 (HCS70 TOP/HCS70 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		3500 kg (7,716 lb)	4700 kg (10,362 lb)	3500 kg (7,716 lb)	4700 kg (10,362 lb)	3500 kg (7,716 lb)	4700 kg (10,362 lb)	4700 kg (10,362 lb)
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable
Stick Length		2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓

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.

(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

TRS18 (PIN-ON TOP/HCS70/55 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (PIN-ON TOP/HCS70/55 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		3500 kg (7,716 lb)		4700 kg (10,362 lb)		3500 kg (7,716 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓*		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓*	✓	✓
	CVP110	✓	✓	✓	✓	✓*		✓	✓

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.

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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

TRS18 (HCS70/55 TOP/HCS70/55 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		3500 kg (7,716 lb)	4700 kg (10,362 lb)	3500 kg (7,716 lb)	4700 kg (10,362 lb)	3500 kg (7,716 lb)	4700 kg (10,362 lb)	4700 kg (10,362 lb
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable
Stick Length		2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")	2.50 m (8'2")
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓

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.

M322 Wheeled 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		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G318	✓		✓		✓		✓	
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-1100	✓		✓		✓		✓*	
Pulverizers	P218 Secondary Pulverizer	✓		✓		✓		✓	
	P318 Primary Pulverizer	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓	✓	✓	✓	✓
	HM4815	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	○	●	○	●	○
	GSH425-750	●		●		●		○	
	GSH425-950	○		○		○			
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	○
	GSH520-750	●	○	●	○	●	○	○	○
	GSH525-750	○		○		○			

(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

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓		✓	
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓		✓		✓		✓	
	HM4815	✓		✓		✓		✓	

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓		✓		✓		✓	
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Demolition and Sorting Grapples	G318 WH-800	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

HCS70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
	H130 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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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

HCS70/55 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Counterweight		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18 (PIN-ON TOP/S70 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		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 GC S	✓		✓		✓		✓	
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (S70 TOP/S70 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		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)		4700 kg (10,362 lb)	
Boom Type		Variable Adjustable		Variable Adjustable		Variable Adjustable		Variable Adjustable	
Stick Length		2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")	2.50 m (8'2")	2.90 m (9'6")
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓		✓		✓		✓	

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.

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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

TRS18 (PIN-ON TOP/HCS70 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		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**	
Boom Type		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**	
Stick Length		**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (HCS70 TOP/HCS70 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		**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**
Boom Type		**Variable Adjustable**	**Variable Adjustable**	**Variable Adjustable**	**Variable Adjustable**
Stick Length		**2.50 m (8'2")**	**2.50 m (8'2")**	**2.50 m (8'2")**	**2.50 m (8'2")**
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓

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.

(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

TRS18 (PIN-ON TOP/HCS70/55 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		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**		**4700 kg (10,362 lb)**	
Boom Type		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**		**Variable Adjustable**	
Stick Length		**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**	**2.50 m (8'2")**	**2.90 m (9'6")**
Hydraulic Hammers	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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.

TRS18 (HCS70/55 TOP/HCS70/55 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		**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**	**4700 kg (10,362 lb)**
Boom Type		**Variable Adjustable**	**Variable Adjustable**	**Variable Adjustable**	**Variable Adjustable**
Stick Length		**2.50 m (8'2")**	**2.50 m (8'2")**	**2.50 m (8'2")**	**2.50 m (8'2")**
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

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.

Standard and Optional Equipment

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

	Standard	Optional
BOOM, STICKS AND LINKAGES		
VA Boom 5445 mm (17'10")	✓	
2.9 m (9'6") stick		✓
2.5 m (8'2") stick*		✓
Bucket linkage, B-type with lifting eye		✓
Bucket linkage, B-type without lifting eye		✓
ELECTRICAL SYSTEM		
LED lights on boom and cab	✓	
LED lights on chassis (Left Hand (LH), Right Hand (RH)) 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 C7.1 Single Turbo diesel engine – meets U.S. EPA Tier 4 Final and EU Stage V emission standards.	✓	
Power mode selector	✓	
One touch low idle with automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Work up to 3000 m (9,842 ft) above sea level without engine power de-rating	✓	
On-demand electric cooling fans with auto-reverse function	✓	
52° C (125° F) high-ambient cooling capacity	✓	
Cold starting capability for –18° C (0° F)	✓	
Sealed double element air filter with integrated pre-cleaner	✓	
Electric fuel priming pump	✓	

*Available in Europe only.

	Standard	Optional
HYDRAULIC SYSTEM		
Boom, stick and bucket drift reduction valves	✓	
Boom/stick lowering check valves		✓
Overload warning	✓	
Electronic main control valve	✓	
Automatic hydraulic oil warm up	✓	
Element type main hydraulic filter	✓	
1-slider joysticks	✓	
2-slider joysticks		✓
Advanced Tool Control (one/two way high-pressure flow with drift reduction)	✓	
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-dedicated coupler		✓
SmartBoom™		✓
Ride control		✓
Cat tilt rotator 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)

M322 Standard and Optional Equipment

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		✓
Heated and remotely adjustable 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		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S℠) ports	✓	
Automatic lubrication system for implement and swing system		✓
Integrated vehicle health management system	✓	
TECHNOLOGY		
VisionLink®	✓*	
Remote Flash	✓	
Remote Troubleshoot	✓	
Cat Grade Connectivity		✓
Cat Grade 2D		✓
Cat Grade 2D with Attachment Ready Option (ARO)		✓
Cat Grade 3D dual GNSS		✓
Laser catcher		✓
Cat Assist: – Grade Assist		✓
Cat Payload: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability		✓
Cat Tilt Rotator (TRS) Integration		✓

*Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

	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	✓	
11.00-20 16 PR, dual tires	✓	
Steps with tool box in undercarriage (left and right)	✓	
Two-piece drive shaft	✓	
Two speed hydrostatic transmission	✓	
Rear blade (parallel) undercarriage**		✓
Rear blade (parallel)/front outrigger undercarriage		✓
Rear outrigger/front blade (parallel) undercarriage		✓
Rear outrigger/front outrigger undercarriage		✓
Fenders, front and rear, synthetic		✓
Travel restraint bracket for grapple/clamshell		✓
Counterweight (3500 kg/7,716 lb)**		✓
Counterweight (4700 kg/10,362 lb)		✓

**Available in Europe only.

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

M322 Cab Options

Cab Options

	Premium
Sound-suppressed ROPS cab	●
Heated and cooled seat with automatic adjustable suspension	●
Height-adjustable console, infinite with no tool	●
High-resolution 254 mm (10") LCD touchscreen monitor	●
Electrical Mirror	●
Automatic bi-level air conditioner	●
Jog dial and shortcut keys for monitor control	●
Keyless push-to-start engine control	●
51 mm (2") seat belt	●
Unfastened seat belt warning	●
Bluetooth integrated radio with USB ports and speakers	●
2 × 12V DC outlets	●
Auxiliary relay	○
Document storage	●
Cup and bottle holders	●
Openable two-piece front window (laminated)	●
Parallel wiper with washer	●
Fixed glass skylight hatch	●
LED dome lights	●
Foot illumination	●
Roller rear sunscreen	●
Rear window emergency exit	●
Washable floor mat	●
Beacon ready	●
Operator Protective Guards “ready”	●
Vandal Guards “ready”	●
Two LED cab lights	●
Rainvisor	●

● Standard

○ Optional

M322 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® C4.4 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels** up to:
  - ✓ 20% biodiesel FAME (fatty acid methyl ester)*
  - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

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

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg (1.9 lb) of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes (1.340 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	101 dB(A)

- Blue Angel Certified.
- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/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).

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 – 50% longer than previous filter designs
  - Eco mode minimizes fuel consumption for light applications
  - One-touch low idle with automatic engine speed control
  - Optional Cat Grade with 2D improves operator efficiency by up to 45%
  - Optional Cat Payload on-board weighing system increases loading efficiency
  - Remote Flash and Remote Troubleshoot

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

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

AEXQ3226-03 (08-2024)
Replaces AEXQ3226-02
Build Number: 07D
(Eur, N Am)