M315 GC

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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M315 GC Wheeled Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Net Power		
ISO 9249	90 kW	121 hp
ISO 9249 (DIN)	122 hp (metric)	
Engine Power		
ISO 14396	93 kW	125 hp
ISO 14396 (DIN)	127 hp (metric)	
Bore	105 mm	4 in
Stroke	127 mm	5 in
Displacement	4.4 L	269 in³
Number of Cylinders	4	
Biodiesel Capability	Up to B20(1)	

- Meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Capable for use up to 4500 m (14,760 ft) altitude with engine power derate.
- 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 the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine rated speed at 2,000 rpm.

(1)Cat engines are compatible with diesel fuel 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.

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

Drive

Forward/Reverse		
1st Gear	9 km/h	6 mph
2nd Gear	37 km/h	23 mph
Creeper Speed		
1st Gear	6 km/h	3 mph
2nd Gear	15 km/h	9 mph
Drawbar Pull	73 kN	16,411 lbf
Maximum Gradeability at 15 000 kg (33,070 lb)	55%	

Service Refill Capacities

Fuel Tank Capacity	250 L	66 gal
Cooling System	23 L	6 gal
Engine Oil	15 L	4 gal
Hydraulic Tank (mid oil gauge)	98 L	26 gal
Hydraulic System (including tank)	230 L	61 gal
Rear Axle Differential	11 L	3 gal
Steering Axle Differential	9 L	2 gal
Final Drive (each)	2 L	1 gal
Power Shift Transmission	3 L	1 gal

Swing Mechanism

Maximum Swing Speed	11.5 rpm

Undercarriage

Wheel Base	2800 mm (9'2")		2500 mm (8'2")	
Ground Clearance	344 mm	13.5 in	360 mm	14.2 in
Maximum Steering Angle	35°		35°	
Oscillation Axle Angle	± 9°		± 9°	
Minimum Turning Radius				
Outside of Tire	6750 mm	22 ft	6225 mm	20 ft
End of One-Piece Boom	7950 mm	26 ft	7710 mm	25 ft

Operating Weights*

Minimum	14 000 kg	30,860 lb
Maximum	15 600 kg	34,390 lb
Typical configurations:		
One-Piece Boom**		
Rear Blade Only	13 990 kg	30,840 lb
Rear Outrigger/Front Blade	14 820 kg	32,670 lb
Rear Blade/Front Outrigger	14 840 kg	32,720 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 2600 kg (5,730 lb) counterweight.

Major Component Weights

Booms (including stick cylinder, pins and standard hydraulic lines):		
4.4 m (14'5") One-Piece (1PC) Short Boom	1112 kg	2,450 lb
4.65 m (15'3") One-Piece Boom	1345 kg	2,970 lb
Sticks (including cylinder, bucket linkage, pins and standard hydraulic lines):		
2.2 m (7'3") Stick	633 kg	1,400 lb
2.5 m (8'2") Stick	531 kg	1,170 lb
Counterweight:		
2600 kg (5,730 lb) Counterweight	2600 kg	5,730 lb
Undercarriage Options (including axles, standard tires and steps):		
Rear Blade (parallel)	4299 kg	9,480 lb
Rear Outrigger/Front Blade (parallel)	5150 kg	11,350 lb
Rear Blade (parallel)/Front Outrigger	5170 kg	11,400 lb
Bucket:		
Pin-On Bucket	499 kg	1,100 lb
Quick Coupler:		
Pin Grabber Quick Coupler	187 kg	412 lb

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	25 900 kPa	3,756 psi
Maximum Flow		
Implements	245 L/min	65 gal/min
Travel Circuit	200 L/min	53 gal/min
Maximum Flow – Auxiliary Circuit		
High Pressure Flow	100 L/min	26 gal/min
Medium Pressure Flow	60 L/min	16 gal/min
Swing Mechanism	120 L/min	32 gal/min
Cylinders		
Boom Cylinder (1PC) – Bore	105 mm	4 in
Boom Cylinder (1PC) – Stroke	932 mm	37 in
Stick Cylinder – Bore	115 mm	5 in
Stick Cylinder – Stroke	1147 mm	45 in
Bucket Cylinder – Bore	95 mm	4 in
Bucket Cylinder – Stroke	939 mm	37 in

Tires

Standard	9.00-20 (Dual Pneumatic) 10.00-20 (Dual Pneumatic)

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Dozer Blade

Blade Type	Parallel	
Width	2490 mm	98 in
Blade Roll-Over Height	583 mm	23 in
Blade Total Height	610 mm	24 in
Maximum Lowering Depth From Ground	108 mm	4 in
Maximum Raising Height Above Ground	475 mm	19 in

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/Operator Protective Guards (OPG) (optional)	FOPS (Falling Object Protective Structure) meets FOPS criteria ISO 10262:1998, SAE J1356:2022 and GB/T 19932-2005
Cab/Sound Levels	Meets appropriate standards as listed below
Cab/Rollover Protective Structure (ROPS)	ISO 12117-2:2008

Sound Performance

External Sound ISO 6395:2008	99 dB(A)
Internal Sound ISO 6396:2008	70 dB(A)

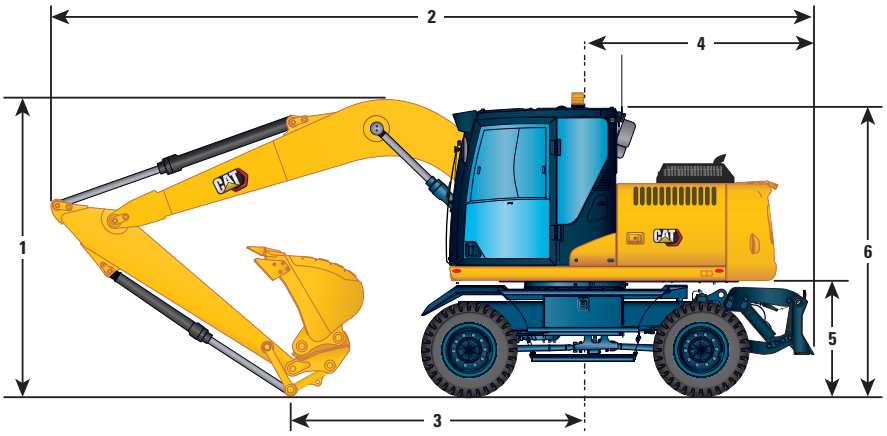
- External Sound – The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine 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 kg of refrigerant, which has a CO_2 equivalent of 1.216 metric tonnes.

Dimensions

All dimensions are approximate. Values are with Dual Pneumatic Tires.



Boom Option	One-Piece Short Boom 4.4 m (14'5")	
Stick Options	**2.2 m (7'3")**	
Undercarriage Options	**Rear Blade**	
1 Shipping Height with OPG (highest point between Boom and Cab)	3250 mm	(10'8")
2 Shipping Length	7920 mm	(26'0")
3 Support Point	2414 mm	(7'11")
4 Tail Swing Radius	2190 mm	(7'2")
5 Counterweight Clearance	1248 mm	(4'1")
6 Cab Height:		
No OPG	3119 mm	(10'3")
With OPG	3234 mm	(10'7")
7 Overall Machine Width:		
Width with Outriggers on Ground	—	—
Width with Outriggers Up	—	—
Width with Blade	2500 mm	(8'2")
Width with Outriggers Fully Down	—	—
23 Enclosure Height (doors)	2519 mm	(8'3")
8 Upperframe Width	2490 mm	(8'2")
Roading Position		
9 Height in Roading Position	3659 mm	(12'0")

Range values with one-piece short boom are with dual pneumatic tires (9.00-20).

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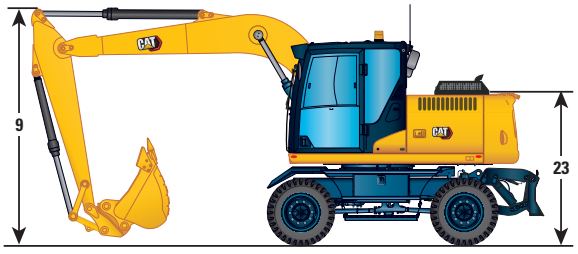
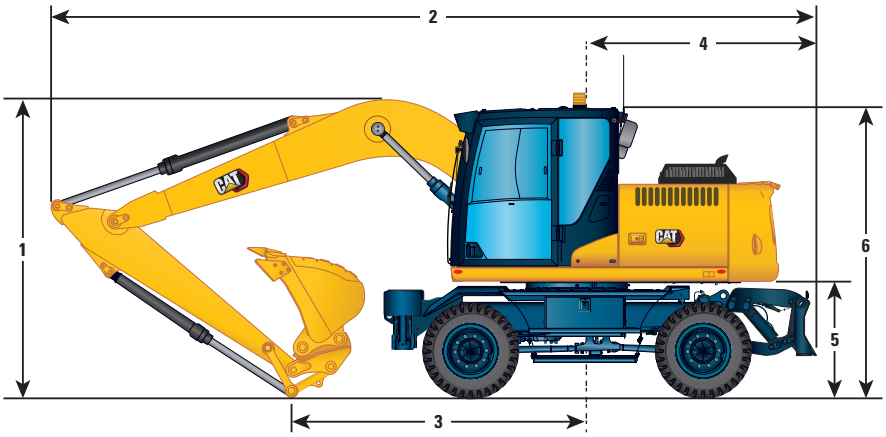


M315 GC Wheeled Excavator Specifications

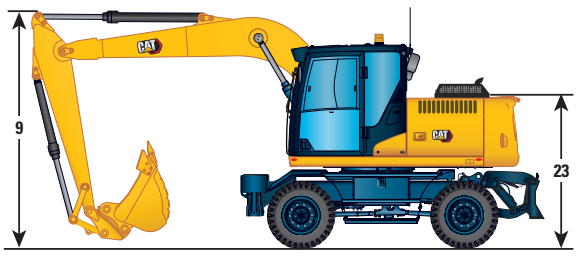
Dimensions *(continued)*

All dimensions are approximate. Values are with Dual Pneumatic Tires.



Boom Option	One-Piece Boom 4.65 m (15'3")			
Stick Options	**2.2 m (7'3")**		**2.5 m (8'2")**	
Undercarriage Options	**Rear Outrigger/ Front Blade**	**Rear Blade/ Front Outrigger**	**Rear Outrigger/ Front Blade**	**Rear Blade/ Front Outrigger**
1 Shipping Height with OPG (highest point between Boom and Cab)	3250 mm (10'8")	3250 mm (10'8")	3250 mm (10'8")	3250 mm (10'8")
2 Shipping Length	7867 mm (25'10")	8213 mm (26'11")	7877 mm (25'10")	8242 mm (27'0")
3 Support Point	2803 mm (9'2")	2801 mm (9'2")	3220 mm (10'7")	2590 mm (8'6")
4 Tail Swing Radius	2190 mm (7'2")	2190 mm (7'2")	2190 mm (7'2")	2190 mm (7'2")
5 Counterweight Clearance	1264 mm (4'2")	1264 mm (4'2")	1264 mm (4'2")	1264 mm (4'2")
6 Cab Height:				
No OPG	3135 mm (10'3")	3135 mm (10'3")	3135 mm (10'3")	3135 mm (10'3")
With OPG	3250 mm (10'8")	3250 mm (10'8")	3250 mm (10'8")	3250 mm (10'8")
7 Overall Machine Width:				
Width with Outriggers on Ground	3845 mm (12'7")	3845 mm (12'7")	3845 mm (12'7")	3845 mm (12'7")
Width with Outriggers Up	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")
Width with Blade	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")
Width with Outriggers Fully Down	3649 mm (12'0")	3649 mm (12'0")	3649 mm (12'0")	3649 mm (12'0")
23 Enclosure Height (doors)	2535 mm (8'4")	2535 mm (8'4")	2535 mm (8'4")	2535 mm (8'4")
8 Upperframe Width	2490 mm (8'2")	2490 mm (8'2")	2490 mm (8'2")	2490 mm (8'2")
Roading Position				
9 Height in Roading Position	3965 mm (13'0")	3965 mm (13'0")	3970 mm (13'0")	3970 mm (13'0")

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

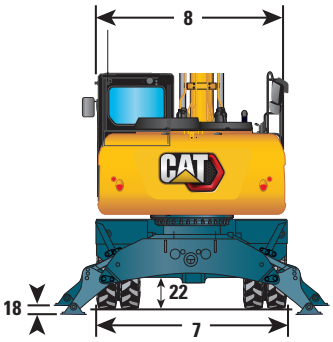


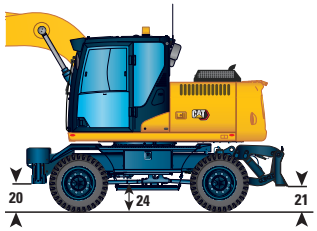
Undercarriage Dimensions

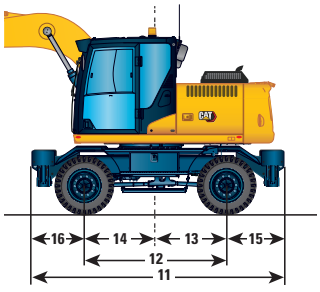
All Dimensions are approximate. Values are with Dual Pneumatic Tires.

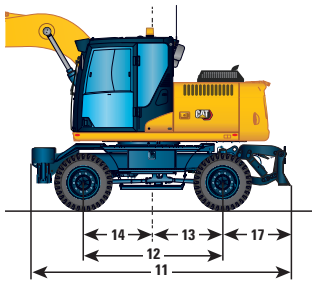
Undercarriage	Rear Blade	Rear Outrigger/ Front Blade	Rear Blade/ Front Outrigger
11 Overall Undercarriage Length (blade parallel)	4846 mm (15'11")	4830 mm (15'10")	4830 mm (15'10")
12 Wheel Base	2800 mm (9'2")	2500 mm (8'2")	2500 mm (8'2")
13 Swing Bearing Center to Rear Axle	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")
14 Swing Bearing Center to Front Axle	1700 mm (5'7")	1400 mm (4'7")	1400 mm (4'7")
15 Rear Axle to Rear outriggers (mid)	—	829 mm (2'9")	—
16 Front Axle to Front outriggers (mid)	—	—	876 mm (2'10")
17 Rear Axle to Parallel Blade (end)	1168 mm (3'10")	—	1168 mm (3'10")
Front Axle to Front Parallel Blade (end)	—	1216 mm (3'12")	—
18 Maximum outriggers Depth	—	108 mm (0'4")	108 mm (0'4")
19 Blade Width	2490 mm (8'2")	2490 mm (8'2")	2490 mm (8'2")
Maximum Blade Depth Below Ground	124 mm (0'5")	108 mm (0'4")	108 mm (0'4")
Ground Clearance			
24 Lowest Step Clearance	529 mm (1'9")	545 mm (1'9")	545 mm (1'9")
20 Outriggers Clearance	—	334 mm (1'1")	334 mm (1'1")
21 Blade Clearance (parallel)	458 mm (1'6")	474 mm (1'7")	474 mm (1'7")
22 Axle Clearance	344 mm (1'2")	360 mm (1'2")	360 mm (1'2")

Range values with one-piece short boom are with dual pneumatic tires (9.00-20).
Range values withone-piece boom are with dual pneumatic tires (10.00-20).









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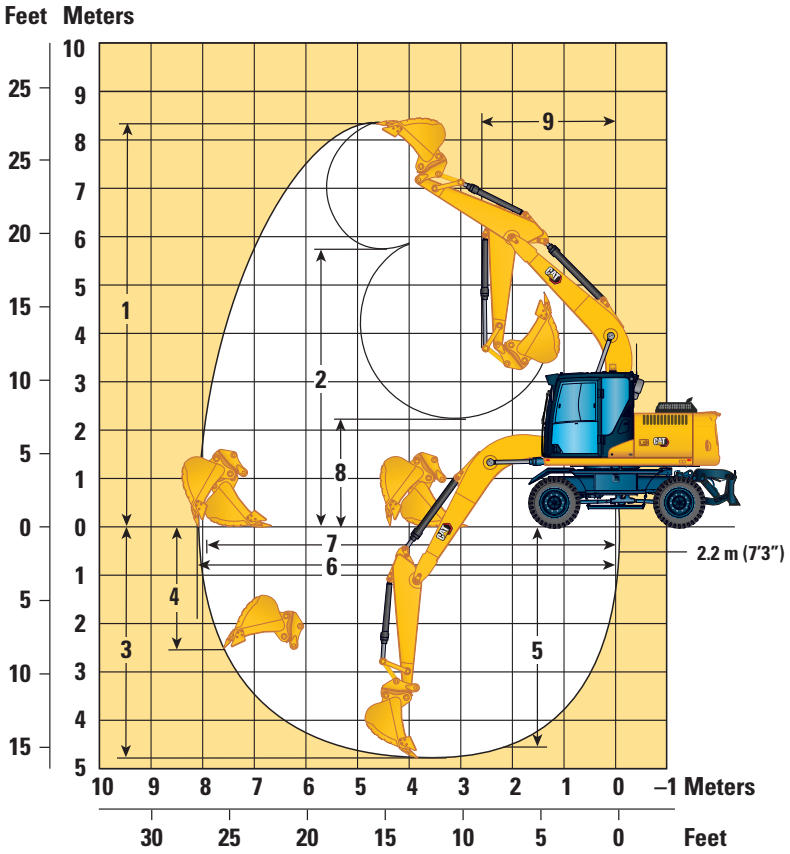
Working Ranges

All dimensions are approximate. Values are with Dual Pneumatic Tires.



Boom Option	One-Piece Short Boom 4.4 m (14'5")	
Stick Options	**2.2 m (7'3")**	
Pin Grabber Quick Coupler	**No**	**Yes**
1 Maximum Cutting Height	8238 mm (27'0")	8376 mm (27'6")
2 Maximum Loading Height	5876 mm (19'3")	5706 mm (18'9")
3 Maximum Digging Depth	4640 mm (15'3")	4811 mm (15'9")
4 Maximum Vertical Wall Digging Depth	3540 mm (11'7")	2662 mm (8'9")
5 Maximum Depth Cut for 2500 mm (8'2") Level Bottom	4377 mm (14'4")	4572 mm (15'0")
6 Maximum Reach	7941 mm (26'1")	8112 mm (26'7")
7 Maximum Reach at Ground Line	7743 mm (25'5")	7918 mm (26'0")
8 Minimum Loading Height	2378 mm (7'10")	2207 mm (7'3")
9 Minimum Front Swing Radius	2630 mm (8'8")	2600 mm (8'6")
Bucket Forces (ISO)	104 kN (23 380 lbf)	88 kN (19 783 lbf)
Stick Forces (ISO)	77 kN (17 310 lbf)	73 kN (16 411 lbf)
Bucket Type	GD	GD
Bucket Capacity	0.65 m^3 (0.85 yd^3)	0.65 m^3 (0.85 yd^3)
Bucket Tip Radius (Pin-On)	1225 mm (4'0")	—
Bucket Tip Radius (Quick Coupler [QC])	—	1395 mm (4'7")

Range values with one-piece short boom are with dual pneumatic tires (9.00-20).

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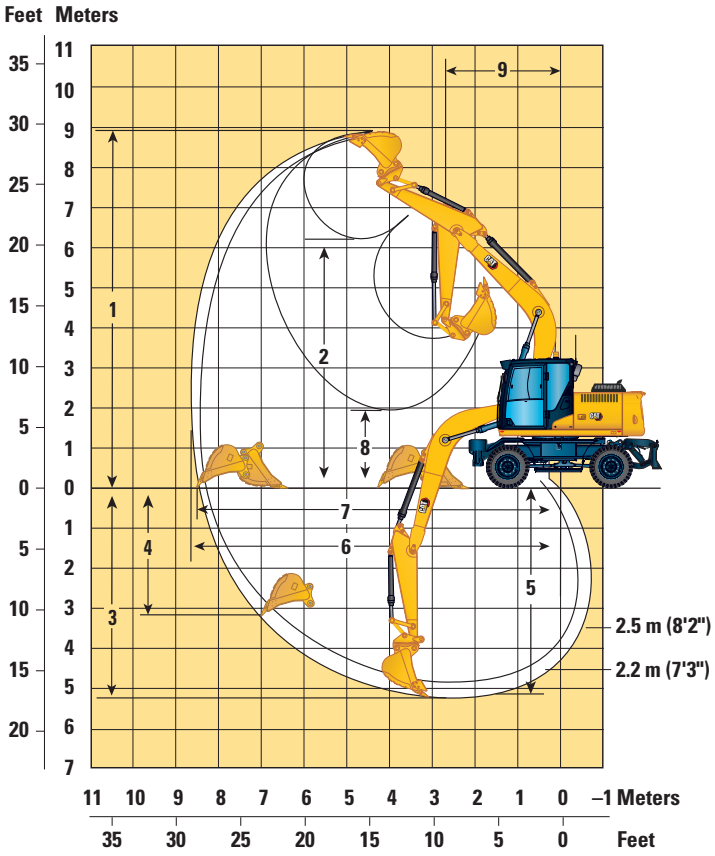
Working Ranges *(continued)*

All dimensions are approximate. Values are with Dual Pneumatic Tires.



Boom Option	One-Piece Boom 4.65 m (15'3")			
Stick Options	**2.2 m (7'3")**		**2.5 m (8'2")**	
Pin Grabber Quick Coupler	**No**	**Yes**	**No**	**Yes**
1 Maximum Cutting Height	8574 mm (28'2")	8720 mm (28'7")	8763 mm (28'9")	8910 mm (29'3")
2 Maximum Loading Height	6197 mm (20'4")	6062 mm (19'11")	6378 mm (20'11")	6207 mm (20'4")
3 Maximum Digging Depth	4791 mm (15'9")	4962 mm (16'3")	5091 mm (16'8")	5262 mm (17'3")
4 Maximum Vertical Wall Digging Depth	3801 mm (12'6")	2795 mm (9'2")	4198 mm (13'9")	3188 mm (10'6")
5 Maximum Depth Cut for 2500 mm (8'2") Level Bottom	4555 mm (14'11")	4738 mm (15'7")	4876 mm (16'0")	5056 mm (16'7")
6 Maximum Reach	8220 mm (27'0")	8390 mm (27'6")	8500 mm (27'11")	8671 mm (28'5")
7 Maximum Reach at Ground Line	8025 mm (26'4")	8200 mm (26'11")	8312 mm (27'3")	8487 mm (27'10")
8 Minimum Loading Height	2633 mm (8'8")	2462 mm (8'1")	2334 mm (7'8")	2163 mm (7'1")
9 Minimum Front Swing Radius	2741 mm (9'0")	2741 mm (9'0")	2720 mm (8'11")	2720 mm (8'11")
Bucket Forces (ISO)	104 kN (23 380 lbf)	88 kN (19 783 lbf)	104 kN (23 380 lbf)	88 kN (19 783 lbf)
Stick Forces (ISO)	77 kN (17 310 lbf)	73 kN (16 411 lbf)	70 kN (15 737 lbf)	67 kN (15 062 lbf)
Bucket Type	GD	GD	GD	GD
Bucket Capacity	0.65 m^3 (0.85 yd^3)	0.65 m^3 (0.85 yd^3)	0.65 m^3 (0.85 yd^3)	0.65 m^3 (0.85 yd^3)
Bucket Tip Radius (Pin-On)	1225 mm (4'0")	—	1225 mm (4'0")	—
Bucket Tip Radius (QC)	—	1395 mm (4'7")	—	1395 mm (4'7")

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

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Lift Capacities – One-Piece Short Boom, 2.2 m Stick

Height and radius in meters, lift capacities in tons, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 2600 kg, long undercarriage, 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	3.0 m			4.5 m			6.0 m						m
6.0 m	Front empty – rear dozer – raised				*4.60	4.00	3.60				*3.15	*3.15	2.90	5.07
	Front empty – rear dozer – lowered				*4.60	*4.60	4.00				*3.15	*3.15	*3.15	
4.5 m	Front empty – rear dozer – raised				*5.15	3.95	3.50	*3.40	2.45	2.20	*2.95	2.40	2.15	6.08
	Front empty – rear dozer – lowered				*5.15	*5.15	3.90	*3.40	*3.40	2.45	*2.95	*2.95	2.40	
3.0 m	Front empty – rear dozer – raised	*8.85	7.00	6.05	*5.90	3.70	3.30	4.30	2.40	2.15	*2.95	2.05	1.85	6.59
	Front empty – rear dozer – lowered	*8.85	*8.85	6.90	*5.90	*5.90	3.70	4.30	*4.70	2.40	*2.95	*2.95	2.05	
1.5 m	Front empty – rear dozer – raised	*6.25	*6.25	5.35	*6.55	3.45	3.05	4.20	2.30	2.05	*3.20	1.95	1.70	6.71
	Front empty – rear dozer – lowered	*6.25	*6.25	6.15	*6.55	*6.55	3.45	4.15	*4.85	2.30	*3.20	*3.20	1.95	
0 m	Front empty – rear dozer – raised	*7.75	6.05	5.15	6.40	3.30	2.90	4.10	2.20	1.95	3.65	2.00	1.75	6.48
	Front empty – rear dozer – lowered	*7.75	*7.75	5.95	6.40	*6.60	3.30	4.10	*4.70	2.20	3.65	*3.65	2.00	
–1.5 m	Front empty – rear dozer – raised	*8.10	6.05	5.15	*5.70	3.25	2.85				*3.85	2.30	2.05	5.84
	Front empty – rear dozer – lowered	*8.10	*8.10	5.95	*5.70	*5.70	3.25				*3.85	*3.85	2.30	
–3.0 m	Front empty – rear dozer – raised	*5.05	*5.05	*5.05	*3.30	*3.30	2.95				*3.05	*3.05	2.85	4.62
	Front empty – rear dozer – lowered	*5.05	*5.05	*5.05	*3.30	*3.30	*3.30				*3.05	*3.05	*3.05	

*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.

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

Lift Capacities – One-Piece Short Boom, 7'3" Stick

Height and radius in feet, lift capacities in lbs, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 5,730 lb, long undercarriage, 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	10.0 ft			15.0 ft			20.0 ft						ft
20.0 ft	Front empty – rear dozer – raised				*10,141	8,818	7,937				*6,944	*6,944	6,393	16.63
	Front empty – rear dozer – lowered				*10,141	*10,141	8,818				*6,944	*6,944	*6,944	
15.0 ft	Front empty – rear dozer – raised				*11,354	8,708	7,716	*7,496	5,401	4,850	*6,504	5,291	4,740	19.94
	Front empty – rear dozer – lowered				*11,354	*11,354	8,598	*7,496	*7,496	5,401	*6,504	*6,504	5,291	
10.0 ft	Front empty – rear dozer – raised	*19,511	15,432	13,338	*13,007	8,157	7,275	9,480	5,291	4,740	*6,504	4,519	4,079	21.62
	Front empty – rear dozer – lowered	*19,511	*19,511	15,212	*13,007	*13,007	8,157	9,480	*10,362	5,291	*6,504	*6,504	4,519	
5.0 ft	Front empty – rear dozer – raised	*13,779	*13,779	11,795	*14,440	7,606	6,724	9,259	5,071	4,519	*7,055	4,299	3,748	22.01
	Front empty – rear dozer – lowered	*13,779	*13,779	13,558	*14,440	*14,440	7,606	9,149	*10,692	5,071	*7,055	*7,055	4,299	
0 ft	Front empty – rear dozer – raised	*17,086	13,338	11,354	14,109	7,275	6,393	9,039	4,850	4,299	8,047	4,409	3,858	21.25
	Front empty – rear dozer – lowered	*17,086	*17,086	13,117	14,109	*14,550	7,275	9,039	*10,362	4,850	8,047	*8,047	4,409	
–5.0 ft	Front empty – rear dozer – raised	*17,857	13,338	11,354	*12,566	7,165	6,283				*8,488	5,071	4,519	19.16
	Front empty – rear dozer – lowered	*17,857	*17,857	13,117	*12,566	*12,566	7,165				*8,488	*8,488	5,071	
–10.0 ft	Front empty – rear dozer – raised	*11,133	*11,133	*11,133	*7,275	*7,275	6,504				*6,724	*6,724	6,283	15.15
	Front empty – rear dozer – lowered	*11,133	*11,133	*11,133	*7,275	*7,275	*7,275				*6,724	*6,724	*6,724	

*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.

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

Lift Capacities – One-Piece Boom, 2.2 m Stick

Height and radius in meters, lift capacities in tons, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 2600 kg, standard undercarriage, 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	3.0 m			4.5 m			6.0 m						m
6.0 m	Front blade – rear stabilizer – raised				*4.80	4.40	3.80				*3.15	*3.15	2.75	5.46
	Front blade – rear stabilizer – lowered				*4.80	*4.80	*4.80				*3.15	*3.15	*3.15	
	Front stabilizer – rear blade – raised				*4.80	4.60	3.80				*3.15	*3.15	2.75	
	Front stabilizer – rear blade – lowered				*4.80	*4.80	*4.80				*3.15	*3.15	*3.15	
4.5 m	Front blade – rear stabilizer – raised				*5.15	4.30	3.65	3.50	2.70	2.30	*2.95	2.45	2.10	6.40
	Front blade – rear stabilizer – lowered				*5.15	*5.15	*5.15	*4.40	*4.40	3.70	*2.95	*2.95	*2.95	
	Front stabilizer – rear blade – raised				*5.15	4.50	3.65	3.40	*2.85	2.35	*2.95	2.55	2.10	
	Front stabilizer – rear blade – lowered				*5.15	*5.15	*5.15	*4.40	*4.40	3.60	*2.95	*2.95	*2.95	
3.0 m	Front blade – rear stabilizer – raised				5.35	4.05	3.45	3.45	2.65	2.25	2.75	2.10	1.80	6.87
	Front blade – rear stabilizer – lowered				*5.90	*5.90	5.65	*4.60	*4.60	3.60	*2.95	*2.95	2.90	
	Front stabilizer – rear blade – raised				5.15	4.25	3.45	3.30	2.75	2.25	2.65	2.25	1.80	
	Front stabilizer – rear blade – lowered				*5.90	*5.90	5.45	*4.60	*4.60	3.50	*2.95	*2.95	2.80	
1.5 m	Front blade – rear stabilizer – raised				5.05	3.75	3.15	3.30	2.50	2.15	2.65	2.00	1.70	6.99
	Front blade – rear stabilizer – lowered				*6.55	*6.55	5.35	*4.80	*4.80	3.50	*3.15	*3.15	2.80	
	Front stabilizer – rear blade – raised				4.85	3.95	3.20	3.20	2.65	2.15	2.55	2.15	1.70	
	Front stabilizer – rear blade – lowered				*6.55	*6.55	5.15	*4.80	*4.80	3.35	*3.15	*3.15	2.70	
0 m	Front blade – rear stabilizer – raised	*5.70	*5.70	5.40	4.90	3.60	3.00	3.25	2.45	2.05	2.75	2.10	1.75	6.76
	Front blade – rear stabilizer – lowered	*5.70	*5.70	*5.70	*6.50	*6.50	5.20	*4.70	*4.70	3.40	*3.60	*3.60	2.90	
	Front stabilizer – rear blade – raised	*5.70	*5.70	5.40	4.70	3.80	3.05	3.10	2.55	2.05	2.60	2.20	1.75	
	Front stabilizer – rear blade – lowered	*5.70	*5.70	*5.70	*6.50	*6.50	5.00	*4.70	*4.70	3.30	*3.60	*3.60	2.80	
–1.5 m	Front blade – rear stabilizer – raised	*7.75	6.65	5.40	4.85	3.60	3.00	3.20	2.45	2.05	3.10	2.35	2.00	6.15
	Front blade – rear stabilizer – lowered	*7.75	*7.75	*7.75	*5.65	*5.65	5.15	*3.85	*3.85	3.40	*3.60	*3.60	3.30	
	Front stabilizer – rear blade – raised	*7.75	7.00	5.40	4.65	3.80	3.00	3.10	2.55	2.05	3.00	2.50	2.00	
	Front stabilizer – rear blade – lowered	*7.75	*7.75	*7.75	*5.65	*5.65	4.95	*3.85	*3.85	3.30	*3.60	*3.60	3.20	
–3 m	Front blade – rear stabilizer – raised	*4.95	*4.95	*4.95	*3.60	*3.60	3.10				*2.85	*2.85	2.70	5.01
	Front blade – rear stabilizer – lowered	*4.95	*4.95	*4.95	*3.60	*3.60	*3.60				*2.85	*2.85	*2.85	
	Front stabilizer – rear blade – raised	*4.95	*4.95	*4.95	*3.60	*3.60	3.10				*2.85	*2.85	2.70	
	Front stabilizer – rear blade – lowered	*4.95	*4.95	*4.95	*3.60	*3.60	*3.60				*2.85	*2.85	*2.85	

*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.

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

M315 GC Wheeled Excavator Specifications

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

Height and radius in feet, lift capacities in lbs, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 5,730 lb, standard undercarriage, 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	10.0 ft			15.0 ft			20.0 ft						ft
20.0 ft	Front blade – rear stabilizer – raised				*10,582	9,700	8,377				*6,944	*6,944	6,063	17.91
	Front blade – rear stabilizer – lowered				*10,582	*10,582	*10,582				*6,944	*6,944	*6,944	
	Front stabilizer – rear blade – raised				*10,582	10,141	8,377				*6,944	*6,944	6,063	
	Front stabilizer – rear blade – lowered				*10,582	*10,582	*10,582				*6,944	*6,944	*6,944	
15.0 ft	Front blade – rear stabilizer – raised				*11,354	9,480	8,047	7,716	5,952	5,071	*6,504	5,401	4,630	20.99
	Front blade – rear stabilizer – lowered				*11,354	*11,354	*11,354	*9,700	*9,700	8,157	*6,504	*6,504	*6,504	
	Front stabilizer – rear blade – raised				*11,354	9,921	8,047	7,496	6,283	5,181	*6,504	5,622	4,630	
	Front stabilizer – rear blade – lowered				*11,354	*11,354	*11,354	*9,700	*9,700	7,937	*6,504	*6,504	*6,504	
10.0 ft	Front blade – rear stabilizer – raised				11,795	8,929	7,606	7,606	5,842	4,960	6,063	4,630	3,968	22.53
	Front blade – rear stabilizer – lowered				*13,007	*13,007	12,456	*10,141	*10,141	7,937	*6,504	*6,504	6,393	
	Front stabilizer – rear blade – raised				11,354	9,370	7,606	7,275	6,063	4,960	5,842	4,960	3,968	
	Front stabilizer – rear blade – lowered				*13,007	*13,007	12,015	*10,141	*10,141	7,716	*6,504	*6,504	6,173	
5.0 ft	Front blade – rear stabilizer – raised				11,133	8,267	6,944	7,275	5,512	4,740	5,842	4,409	3,748	22.93
	Front blade – rear stabilizer – lowered				*14,440	*14,440	11,795	*10,582	*10,582	7,716	*6,944	*6,944	6,173	
	Front stabilizer – rear blade – raised				10,692	8,708	7,055	7,055	5,842	4,740	5,622	4,740	3,748	
	Front stabilizer – rear blade – lowered				*14,440	*14,440	11,354	*10,582	*10,582	7,385	*6,944	*6,944	5,952	
0 ft	Front blade – rear stabilizer – raised	*12,566	*12,566	11,905	10,803	7,937	6,614	7,165	5,401	4,519	6,063	4,630	3,858	22.17
	Front blade – rear stabilizer – lowered	*12,566	*12,566	*12,566	*14,330	*14,330	11,464	*10,362	*10,362	7,496	*7,937	*7,937	6,393	
	Front stabilizer – rear blade – raised	*12,566	*12,566	11,905	10,362	8,377	6,724	6,834	5,622	4,519	5,732	4,850	3,858	
	Front stabilizer – rear blade – lowered	*12,566	*12,566	*12,566	*14,330	*14,330	11,023	*10,362	*10,362	7,275	*7,937	*7,937	6,173	
–5.0 ft	Front blade – rear stabilizer – raised	*17,086	14,661	11,905	10,692	7,937	6,614	7,055	5,401	4,519	6,834	5,181	4,409	20.17
	Front blade – rear stabilizer – lowered	*17,086	*17,086	*17,086	*12,456	*12,456	11,354	*8,488	*8,488	7,496	*7,937	*7,937	7,275	
	Front stabilizer – rear blade – raised	*17,086	15,432	11,905	10,251	8,377	6,614	6,834	5,622	4,519	6,614	5,512	4,409	
	Front stabilizer – rear blade – lowered	*17,086	*17,086	*17,086	*12,456	*12,456	10,913	*8,488	*8,488	7,275	*7,937	*7,937	7,055	
–10.0 ft	Front blade – rear stabilizer – raised	*10,913	*10,913	*10,913	*7,937	*7,937	6,834				*6,283	*6,283	5,952	16.43
	Front blade – rear stabilizer – lowered	*10,913	*10,913	*10,913	*7,937	*7,937	*7,937				*6,283	*6,283	*6,283	
	Front stabilizer – rear blade – raised	*10,913	*10,913	*10,913	*7,937	*7,937	6,834				*6,283	*6,283	5,952	
	Front stabilizer – rear blade – lowered	*10,913	*10,913	*10,913	*7,937	*7,937	*7,937				*6,283	*6,283	*6,283	

*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.

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

Lift Capacities – One-Piece Boom, 2.5 m Stick

Height and radius in meters, lift capacities in tons, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 2600 kg, standard undercarriage, 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	3.0 m			4.5 m			6.0 m						m
7.5 m	Front blade – rear stabilizer – raised										*3.25	*3.25	*3.25	4.21
	Front blade – rear stabilizer – lowered										*3.25	*3.25	*3.25	
	Front stabilizer – rear blade – raised										*3.25	*3.25	*3.25	
	Front stabilizer – rear blade – lowered										*3.25	*3.25	*3.25	
6.0 m	Front blade – rear stabilizer – raised										*2.70	*2.70	2.50	5.82
	Front blade – rear stabilizer – lowered										*2.70	*2.70	*2.70	
	Front stabilizer – rear blade – raised										*2.70	*2.70	2.50	
	Front stabilizer – rear blade – lowered										*2.70	*2.70	*2.70	
4.5 m	Front blade – rear stabilizer – raised				*4.90	4.35	3.70	3.55	2.75	2.35	*2.55	2.30	1.95	6.70
	Front blade – rear stabilizer – lowered				*4.90	*4.90	*4.90	*4.25	*4.25	3.75	*2.55	*2.55	*2.55	
	Front stabilizer – rear blade – raised				*4.90	4.55	3.75	3.45	2.90	2.35	*2.55	2.40	1.95	
	Front stabilizer – rear blade – lowered				*4.90	*4.90	*4.90	*4.25	*4.25	3.60	*2.55	*2.55	*2.55	
3.0 m	Front blade – rear stabilizer – raised	*8.65	7.65	6.35	5.40	4.10	3.50	3.45	2.65	2.25	*2.55	2.00	1.70	7.16
	Front blade – rear stabilizer – lowered	*8.65	*8.65	*8.65	*5.70	*5.70	*5.70	*4.50	*4.50	3.65	*2.55	*2.55	*2.55	
	Front stabilizer – rear blade – raised	*8.65	8.00	6.35	5.20	4.30	3.50	3.30	2.80	2.25	2.50	2.10	1.70	
	Front stabilizer – rear blade – lowered	*8.65	*8.65	*8.65	*5.70	*5.70	5.50	*4.50	*4.50	3.50	*2.55	*2.55	*2.55	
1.5 m	Front blade – rear stabilizer – raised				5.10	3.80	3.20	3.35	2.55	2.15	2.50	1.90	1.60	7.27
	Front blade – rear stabilizer – lowered				*6.45	*6.45	5.40	*4.75	*4.75	3.50	*2.70	*2.70	2.65	
	Front stabilizer – rear blade – raised				4.90	4.00	3.20	3.20	2.65	2.15	2.40	2.00	1.60	
	Front stabilizer – rear blade – lowered				*6.45	*6.45	5.20	*4.75	*4.75	3.40	*2.70	*2.70	2.55	
0 m	Front blade – rear stabilizer – raised	*6.00	*6.00	5.40	4.90	3.65	3.05	3.25	2.45	2.05	2.60	1.95	1.65	7.05
	Front blade – rear stabilizer – lowered	*6.00	*6.00	*6.00	*6.55	*6.55	5.20	*4.75	*4.75	3.40	*3.05	*3.05	2.70	
	Front stabilizer – rear blade – raised	*6.00	*6.00	5.40	4.70	3.80	3.05	3.10	2.60	2.05	2.45	2.05	1.65	
	Front stabilizer – rear blade – lowered	*6.00	*6.00	*6.00	*6.55	*6.55	5.00	*4.75	*4.75	3.30	*3.05	*3.05	2.65	
–1.5 m	Front blade – rear stabilizer – raised	*8.35	6.60	5.40	4.85	3.60	3.00	3.20	2.40	2.05	2.90	2.20	1.85	6.47
	Front blade – rear stabilizer – lowered	*8.35	*8.35	*8.35	*5.90	*5.90	5.15	*4.10	*4.10	3.40	*3.50	*3.50	3.05	
	Front stabilizer – rear blade – raised	*8.35	6.95	5.40	4.65	3.75	3.00	3.05	2.55	2.05	2.80	2.30	1.85	
	Front stabilizer – rear blade – lowered	*8.35	*8.35	*8.35	*5.90	*5.90	4.95	*4.10	*4.10	3.25	*3.50	*3.50	2.95	
–3 m	Front blade – rear stabilizer – raised	*5.75	*5.75	5.50	*4.15	3.65	3.05				*2.95	2.85	2.40	5.40
	Front blade – rear stabilizer – lowered	*5.75	*5.75	*5.75	*4.15	*4.15	*4.15				*2.95	*2.95	*2.95	
	Front stabilizer – rear blade – raised	*5.75	*5.75	5.50	*4.15	3.85	3.05				*2.95	*2.95	2.40	
	Front stabilizer – rear blade – lowered	*5.75	*5.75	*5.75	*4.15	*4.15	*4.15				*2.95	*2.95	*2.95	

*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.

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

M315 GC Wheeled Excavator Specifications

Lift Capacities – One-Piece Boom, 8'2" Stick

Height and radius in feet, lift capacities in lbs, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 5,730 lb, standard undercarriage, 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	10.0 ft			15.0 ft			20.0 ft						ft
25.0 ft	Front blade – rear stabilizer – raised										*7,165	*7,165	*7,165	13.81
	Front blade – rear stabilizer – lowered										*7,165	*7,165	*7,165	
	Front stabilizer – rear blade – raised										*7,165	*7,165	*7,165	
	Front stabilizer – rear blade – lowered										*7,165	*7,165	*7,165	
20.0 ft	Front blade – rear stabilizer – raised										*5,952	*5,952	5,512	19.09
	Front blade – rear stabilizer – lowered										*5,952	*5,952	*5,952	
	Front stabilizer – rear blade – raised										*5,952	*5,952	5,512	
	Front stabilizer – rear blade – lowered										*5,952	*5,952	*5,952	
15.0 ft	Front blade – rear stabilizer – raised				*10,803	9,590	8,157	7,826	6,063	5,181	*5,622	5,071	4,299	21.98
	Front blade – rear stabilizer – lowered				*10,803	*10,803	*10,803	*9,370	*9,370	8,267	*5,622	*5,622	*5,622	
	Front stabilizer – rear blade – raised				*10,803	10,031	8,267	7,606	6,393	5,181	*5,622	5,291	4,299	
	Front stabilizer – rear blade – lowered				*10,803	*10,803	*10,803	*9,370	*9,370	7,937	*5,622	*5,622	*5,622	
10.0 ft	Front blade – rear stabilizer – raised	*19,070	16,865	13,999	11,905	9,039	7,716	7,606	5,842	4,960	*5,622	4,409	3,748	23.48
	Front blade – rear stabilizer – lowered	*19,070	*19,070	*19,070	*12,566	*12,566	*12,566	*9,921	*9,921	8,047	*5,622	*5,622	*5,622	
	Front stabilizer – rear blade – raised	*19,070	17,637	13,999	11,464	9,480	7,716	7,275	6,173	4,960	5,512	4,630	3,748	
	Front stabilizer – rear blade – lowered	*19,070	*19,070	*19,070	*12,566	*12,566	12,125	*9,921	*9,921	7,716	*5,622	*5,622	*5,622	
5.0 ft	Front blade – rear stabilizer – raised				11,243	8,377	7,055	7,385	5,622	4,740	5,512	4,189	3,527	23.85
	Front blade – rear stabilizer – lowered				*14,220	*14,220	11,905	*10,472	*10,472	7,716	*5,952	*5,952	5,842	
	Front stabilizer – rear blade – raised				10,803	8,818	7,055	7,055	5,842	4,740	5,291	4,409	3,527	
	Front stabilizer – rear blade – lowered				*14,220	*14,220	11,464	*10,472	*10,472	7,496	*5,952	*5,952	5,622	
0 ft	Front blade – rear stabilizer – raised	*13,228	*13,228	11,905	10,803	8,047	6,724	7,165	5,401	4,519	5,732	4,299	3,638	23.12
	Front blade – rear stabilizer – lowered	*13,228	*13,228	*13,228	*14,440	*14,440	11,464	*10,472	*10,472	7,496	*6,724	*6,724	5,952	
	Front stabilizer – rear blade – raised	*13,228	*13,228	11,905	10,362	8,377	6,724	6,834	5,732	4,519	5,401	4,519	3,638	
	Front stabilizer – rear blade – lowered	*13,228	*13,228	*13,228	*14,440	*14,440	11,023	*10,472	*10,472	7,275	*6,724	*6,724	5,842	
–5.0 ft	Front blade – rear stabilizer – raised	*18,408	14,550	11,905	10,692	7,937	6,614	7,055	5,291	4,519	6,393	4,850	4,079	21.22
	Front blade – rear stabilizer – lowered	*18,408	*18,408	*18,408	*13,007	*13,007	11,354	*9,039	*9,039	7,496	*7,716	*7,716	6,724	
	Front stabilizer – rear blade – raised	*18,408	15,322	11,905	10,251	8,267	6,614	6,724	5,622	4,519	6,173	5,071	4,079	
	Front stabilizer – rear blade – lowered	*18,408	*18,408	*18,408	*13,007	*13,007	10,913	*9,039	*9,039	7,165	*7,716	*7,716	6,504	
–10.0 ft	Front blade – rear stabilizer – raised	*12,676	*12,676	12,125	*9,149	8,047	6,724				*6,504	6,283	5,291	17.71
	Front blade – rear stabilizer – lowered	*12,676	*12,676	*12,676	*9,149	*9,149	*9,149				*6,504	*6,504	*6,504	
	Front stabilizer – rear blade – raised	*12,676	*12,676	12,125	*9,149	8,488	6,724				*6,504	*6,504	5,291	
	Front stabilizer – rear blade – lowered	*12,676	*12,676	*12,676	*9,149	*9,149	*9,149				*6,504	*6,504	*6,504	

*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.

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

Bucket Specifications and Compatibility

	Linkage	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Only rear dozer (blade) raised	Only rear dozer (blade) lowered
									One-Piece Short Boom	
Pin-On (No Quick Coupler)									2.2 m (7'3") Stick	
General Duty	312	1050	42	0.65	0.84	498	1,098	100	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●
	312	1200	48	0.76	0.99	520	1,146	90	●	●
	312	450	18	0.20	0.26	291	642	90	●	●
Maximum load with pin-on (payload + bucket)								kg	2164	2228
								lb	4,771	4,912

	Linkage	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Only rear dozer (blade) raised	Only rear dozer (blade) lowered
									One-Piece Short Boom	
With Pin Grabber Coupler									2.2 m (7'3") Stick	
General Duty	312	1050	42	0.65	0.84	498	1,098	100	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●
	312	1200	48	0.76	0.99	520	1,146	90	⦿	●
	312	450	18	0.20	0.26	291	642	90	●	●
Maximum load with coupler (payload + bucket)								kg	2028	2095
								lb	4,472	4,619

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.

Maximum Material Density:

● 2100 kg/m³ (3,500 lb/yd³)

⦿ 1800 kg/m³ (3,000 lb/yd³)

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)

M315 GC Wheeled Excavator Specifications

Bucket Specifications and Compatibility *(continued)*

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Front dozer (blade) lowered, rear stabilizers (outrigger) raised	Front dozer (blade) raised, rear stabilizers (outrigger) lowered	Front dozer (blade) and rear stabilizers (outrigger) lowered	Rear dozer (blade) lowered, front stabilizers (outrigger) raised	Rear dozer (blade) raised, front stabilizers (outrigger) lowered	Rear dozer (blade) and front stabilizers (outrigger) lowered
Pin-On (No Quick Coupler)									**One-Piece Boom 2.2 m (7'3") Stick**						
General Duty	312	1050	42	0.65	0.84	498	1,098	100	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	520	1,146	90	●	●	●	●	●	●	●
	312	450	18	0.20	0.26	291	642	90	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	2130	2191	2620	2866	2186	2740	3008
								lb	4,697	4,830	5,776	6,318	4,819	6,041	6,631
With Pin Grabber Coupler									**One-Piece Boom 2.2 m (7'3") Stick**						
General Duty	312	1050	42	0.65	0.84	498	1,098	100	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	520	1,146	90	◉	◉	●	●	●	◉	●
	312	450	18	0.20	0.26	291	642	90	●	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1989	2051	2504	2757	2611	2048	2890
								lb	4,385	4,522	5,520	6,078	5,756	4,515	6,371

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.

Maximum Material Density:

● 2100 kg/m^3 (3,500 lb/yd^3)

◉ 1800 kg/m^3 (3,000 lb/yd^3)

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.

Bucket Specifications and Compatibility *(continued)*

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Front dozer (blade) lowered, rear stabilizers (outrigger) raised	Front dozer (blade) raised, rear stabilizers (outrigger) lowered	Front dozer (blade) and rear stabilizers (outrigger) lowered	Rear dozer (blade) lowered, front stabilizers (outrigger) raised	Rear dozer (blade) raised, front stabilizers (outrigger) lowered	Rear dozer (blade) and front stabilizers (outrigger) lowered
Pin-On (No Quick Coupler)									**One-Piece Boom 2.5 m (8'2") Stick**						
General Duty	312	1050	42	0.65	0.84	498	1,098	100	●	●	●	●	●	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	520	1,146	90	◉	◉	●	●	◉	●	●
	312	450	18	0.20	0.26	291	642	90	●	●	●	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	2003	2060	2469	2701	2056	2568	2821
								lb	4,416	4,542	5,443	5,955	4,533	5,661	6,218
With Pin Grabber Coupler									**One-Piece Boom 2.5 m (8'2") Stick**						
General Duty	312	1050	42	0.65	0.84	498	1,098	100	◉	●	●	●	●	●	●
	312	1000	39	0.60	0.78	451	993	100	●	●	●	●	●	●	●
	312	1200	48	0.76	0.99	520	1,146	90	⊖	◉	●	●	◉	◉	●
	312	450	18	0.20	0.26	291	642	90	●	●	●	●	●	●	●
Maximum load with coupler (payload + bucket)								kg	1855	1912	2344	2583	2429	1910	2692
								lb	4,090	4,215	5,168	5,693	5,354	4,211	5,934

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.

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)

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)

M315 GC Wheeled Excavator Specifications

Attachments Offering Guide – Africa, Middle East

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

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

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	○	●	●	●
	GSH420-600	○	●	●	●
	GSH420-750	◇	●	●	●
	GSH520-500	◇	●	●	●
	GSH520-600	◇	●	●	●
	GSH520-750	◇	○	○	○
	GSV420-400	●	●	●	●
	GSV420-500	○	●	●	●
	GSV420-600	○	●	●	●
	GSV420-750	◇	●	●	●
	GSV420-1250		◇	◇	◇
	GSV520-400	●	●	●	●
	GSV520-500	○	●	●	●
	GSV520-600	◇	●	●	●
	GSV520-750	◇	●	○	○
	GSV520-1250		◇	◇	◇
	GSV520 GC-400	●	●	●	●
	GSV520 GC-500	○	●	●	●
	GSV520 GC-600	○	●	●	●
	GSV520 GC-750	◇	●	●	○
	GSV520 GC-1250		◇	◇	◇

(continued on next page)

Attachments Offering Guide – Africa, Middle East *(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		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer		✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

CW-20s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓*	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Africa, Middle East *(continued)*

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

✓ Match

* Working range front only

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G312 GC Fixed CAN	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G313 GC Fixed CAN	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓*	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

Attachments Offering Guide – Eurasia

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

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

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	○	●	●	●
	GSH420-600	○	●	●	●
	GSH420-750	◇	●	●	●
	GSH520-500	◇	●	●	●
	GSH520-600	◇	●	●	●
	GSH520-750	◇	○	○	○
	GSV420-400	●	●	●	●
	GSV420-500	○	●	●	●
	GSV420-600	○	●	●	●
	GSV420-750	◇	●	●	●
	GSV420-1250		◇	◇	◇
	GSV520-400	●	●	●	●
	GSV520-500	○	●	●	●
	GSV520-600	◇	●	●	●
	GSV520-750	◇	●	○	○
	GSV520-1250		◇	◇	◇
	GSV520 GC-400	●	●	●	●
	GSV520 GC-500	○	●	●	●
	GSV520 GC-600	○	●	●	●
	GSV520 GC-750	◇	●	●	○
	GSV520 GC-1250		◇	◇	◇
Rotary Cutters	RC10	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Eurasia *(continued)*

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

✓ Match * Working range front only

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer		✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

CW-20s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓*	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Eurasia *(continued)*

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

✓ Match

* Working range front only

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G312 GC Fixed CAN	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓
	G313 GC Fixed CAN	✓	✓	✓	✓
	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓*	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

Attachments Offering Guide – South America

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

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

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC Side Mount	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓	✓	✓	✓
Mulchers	HM2615	✓	✓	✓	✓
	HM3013		✓		
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	○	●	●	●
	GSH420-600	○	●	●	●
	GSH420-750	◇	●	●	●
	GSH520-500	◇	●	●	●
	GSH520-600	◇	●	●	●
	GSH520-750	◇	○	○	○
Rotary Cutters	RC10	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – South America *(continued)*

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

✓ Match | * Working range front only | No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC Side Mount	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer		✓	✓	✓
Mulchers	HM2615	✓	✓	✓	✓
	HM3013		✓		
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		One-Piece Short Boom	One-Piece Boom	One-Piece Boom	One-Piece Boom
Stick Length		2.2 m (7'3")	2.2 m (7'3")	2.5 m (8'2")	2.5 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer	✓*	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – South America *(continued)*

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

✓ Match * Working range front only No Match

HCS60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer			✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓		✓	✓

HCS65 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓*	✓	✓	✓
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓*	✓	✓	✓
Pulverizers	P214 Secondary Pulverizer		✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Southeast Asia, India, Indonesia

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

✓ Match

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade	Front Blade; Rear Outriggers	Front Blade; Rear Outriggers	Front Outriggers; Rear Blade
Boom Type		**One-Piece Short Boom**	**One-Piece Boom**	**One-Piece Boom**	**One-Piece Boom**
Stick Length		**2.2 m (7'3")**	**2.2 m (7'3")**	**2.5 m (8'2")**	**2.5 m (8'2")**
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓

M315 GC Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional
BOOMS, STICKS AND LINKAGES		
4.4 m (14'5") One-piece short boom		✓
4.65 m (15'3") One-piece boom		✓
2.2 m (7'3") stick		✓
2.5 m (8'2") stick		✓
Bucket linkage, 312-type with lifting eye		✓
Bucket linkage, 312-type without lifting eye		✓
CAT TECHNOLOGY		
VisionLink®	✓	
ELECTRICAL SYSTEM		
LED lights on boom and cab	✓	
LED lights on chassis and counterweight (left and right-hand-side)		✓
Roading and indicator lights, front and rear	✓	
1-slider joystick		✓
Maintenance free batteries	✓	
Centralized electrical disconnect switch	✓	
Electrical refueling pump		✓
ENGINE		
Cat C4.4 single turbo diesel engine	✓	
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	✓	
52 °C (125 °F) high-ambient cooling capacity	✓	
Cold starting capability for –18 °C (0 °F)	✓	
Double element air filter with integrated pre-cleaner	✓	
Electric fuel priming pump	✓	
Radiator screen		✓
HYDRAULIC SYSTEM		
Boom and stick drift reduction valves	✓	
Overload warning	✓	
Electronic main control valve	✓	
Auto hydraulic oil warm up	✓	
Element type main hydraulic filter	✓	
Advanced Tool Control (one/two way high-pressure flow)		✓
Quick coupler circuit for Cat pin grabber and CW dedicated		✓
Medium pressure auxiliary circuit (one/two way medium-pressure flow)		✓
Boom and stick lowering check valves		✓
Automatic swing brake	✓	
Adjustable hydraulic aggresiveness	✓	
Heavy lift mode	✓	

	Standard	Optional
SAFETY AND SECURITY		
Rearview camera	✓	
Right-side-view camera		✓
Travel alarm		✓
Signaling/warning horn	✓	
Rotating beacon on cab and chassis		✓
Cat Asset tracker		✓
Neutral lever (lock out) for all controls	✓	
OPG		✓
Ground-level accessible secondary engine shutoff switch in cab	✓	
Anti-skid plate and countersunk bolts onservice platform	✓	
Lockable disconnect switch	✓	
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S℠) ports	✓	
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	✓	
10.00-20 16 PR, dual pneumatic tires	✓	
9.00-20 14 PR, dual pneumatic tires[1]		✓
Steps with closed and open storage area in undercarriage		✓
Steps, left and right, with tool box in undercarriage	✓	
Two-piece drive shaft	✓	
Two speed hydrostatic transmission	✓	
Rear blade (parallel) undercarriage with bucket rest and 2800 mm (9'2") wheel base		✓
Rear blade (parallel)/front outriggers undercarriage with 2500 mm (8'2") wheel base		✓
Rear outriggers/front blade undercarriage with 2500 mm (8'2") wheel base		✓
Fenders, front and rear, steel	✓	
2600 kg (5,730 lb) counterweight	✓	
Drive shaft guard		✓

[1]Standard with rear blade only undercarriage.

Cab Option

	Comfort
Sound-suppressed ROPS cab	●
Mechanical suspension seat	●
High-resolution 203 mm (8") LCD touchscreen monitor	●
High-resolution 254 mm (10") LCD touchscreen monitor	○
Manually adjustable mirrors	●
Automatic bi-level air conditioner	●
Jog dial and shortcut keys for monitor control	●
Keyless push-to-start engine control	●
51 mm (2") seat belt	●
Bluetooth® integrated radio with USB ports and speakers	○
Two 12V DC outlets	●
Cup and bottle holders	●
Openable two-piece front window (Upper front laminated, lower front tempered)	●
Openable steel hatch	●
LED dome lights	●
Rear window emergency exit	●
Washable floor mat	●
Beacon ready	●
OPG ready	●
Two LED cab lights	●
Rainvisor	○
Sunscreen	●

● Standard

○ Optional

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

GUARDS

- Operator Protective Guards (not compatible with rain protector)

M315 GC 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 Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Cat engines are compatible with diesel fuel 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.

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1 kg (2.2 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 6395:2008 (external sound)	99 dB(A)
ISO 6396:2008 (internal sound)	70 dB(A)

- 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
- ECO mode minimizes fuel consumption for light applications
- One-touch low idle with automatic engine speed control
- Extended maintenance intervals reduce fluid and filter consumption

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.

AEXQ3737-01 (07-2024)
Replaces AEXQ3737-00
Build Number: 05C
(Afr-ME, Eurasia, India,
S Am, SE Asia)

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