



M315

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 Wheeled Excavator Specifications

Engine

Engine Model	Cat® 3.6	
Engine Power		
ISO 14396:2002	90 kW	121 hp
ISO 14396 (metric)	122 hp (PS)	
Net Power		
ISO 9249:2007	90 kW	121 hp
ISO 9249 (metric)	122 hp (PS)	
Bore	98 mm	3.9 in
Stroke	120 mm	5 in
Displacement	3.6 L	221 in ³
Biodiesel Capability	Up to B20 ⁽¹⁾	
Number of Cylinders	4	

- Cat® C3.6 engine meets Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3 and EU Stage IIIA.
- Net power is tested per ISO 9249. Standards 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 speed at 2,000 rpm.

⁽¹⁾Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:

- ✓ 100% 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.

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

Service Refill Capacities

Fuel Tank Capacity	295 L	77.9 gal
Cooling System	20 L	5.3 gal
Engine Oil	9 L	2.4 gal
Hydraulic Tank (mid oil gauge)	90 L	23.8 gal
Hydraulic System (including tank)	220 L	58.1 gal
Rear Axle Differential	11 L	3 gal
Steering Axle Differential	9.0 L	2.4 gal
Final Drive (each)	2.4 L	0.6 gal
Power Shift Transmission	2.5 L	0.7 gal

Swing Mechanism

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

Undercarriage

Ground Clearance	305 mm	12 in
Maximum Steering Angle	35°	
Oscillation Axle Angle	± 8.5°	
Minimum Turning Radius		
Outside of Tire	6200 mm	20.3 ft
Outside of Tire (steel fender)	7500 mm	24.6 ft
End of One-Piece Boom	8000 mm	26.2 ft

Operating Weights*

Minimum	15 100 kg	33,290 lb
Maximum	15 700 kg	34,610 lb

Typical Configuration:

One-Piece Boom**

Rear Outrigger/Front Blade	15300 kg	33,730 lb
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*Operating weight includes full fuel tank, operator, 500 kg (1,102 lb) bucket and 9.00-20 dual pneumatic tires. Weight varies depending on configuration.

**Typical configuration includes 2500 mm (8'2") stick.

Major Component Weights

Boom (includes stick cylinder, pins and standard hydraulic lines):

One-Piece Boom 4650 mm (15'3")	1410 kg	3,110 lb
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Sticks (includes bucket cylinder and linkage, pins and standard hydraulic lines):

Stick 2200 mm (7'3")	630 kg	1,390 lb
Stick 2500 mm (8'2")	620 kg	1,370 lb

Counterweight:

Counterweight 3100 kg (6,830 lb)	3100 kg	6,830 lb
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Undercarriage (including axles, standard tires and steps):

Rear Outrigger/Front Blade	5060 kg	11,160 lb
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Buckets:

GD Bucket 0.76 m ³ (0.99 yd ³)	490 kg	1,080 lb
GD Bucket 0.6 m ³ (0.78 yd ³)	470 kg	1,040 lb
GD Bucket 0.31 m ³ (0.41 yd ³)	310 kg	680 lb

Quick Couplers:

CW20 Dedicated	210 kg	460 lb
Pin Grabber	190 kg	420 lb

M315 Wheeled Excavator Specifications

Hydraulic System

Maximum Pressure – Implement Circuit		
Normal	35 000 kPa	5,076 psi
Heavy Lift	37 000 kPa	5,366 psi
Travel Circuit	35 000 kPa	5,076 psi
Maximum Pressure – Auxiliary Circuit		
High Pressure	35 000 kPa	5,076 psi
Medium Pressure	17 000 kPa	2,466 psi
Swing Mechanism	35 500 kPa	5,149 psi
Maximum Flow		
Implements	270 L/min	71 gal/min
Travel Circuit	200 L/min	53 gal/min
Auxiliary Circuit		
High Pressure	250 L/min	66 gal/min
Medium Pressure	62 L/min	16.4 gal/min
Swing Mechanism	83 L/min	21.9 gal/min
Cylinders		
Boom Cylinder (one-piece) – Bore	105 mm	0'4"
Boom Cylinder (one-piece) – Stroke	932 mm	3'1"
Stick Cylinder – Bore	110 mm	0'4"
Stick Cylinder – Stroke	1147 mm	3'9"
Bucket Cylinder – Bore	95 mm	0'4"
Bucket Cylinder – Stroke	939 mm	3'1"

Dozer Blade

Blade Type	Radial	
Width	2540 mm	8'4"
Blade Roll-Over Height	540 mm	1'9"
Blade Total Height	580 mm	1'11"
Maximum Lowering Depth From Ground	150 mm	0'6"
Maximum Raising Height Above Ground	445 mm	1'6"

Emissions and Safety

Engine Emissions	U.S. EPA Tier 3 and EU Stage IIIA equivalent	
Vibration Levels		
Maximum Hand/Arm (ISO 5349-2001)	<2.5 m/s ²	<8.2
Maximum Whole Body (ISO/TR 25398:2006)	<0.5 m/s ²	<1.6
Seat Transmissibility Factor (ISO 7096:2020-spectral class EM6)	<0.7	

Standards

Brakes	ISO 3450:2011
Cab Rollover Protective Structure (ROPS)	ISO 12117-2:2008
Cab/Sound Levels	Meets appropriate standards as listed below

Sound Performance

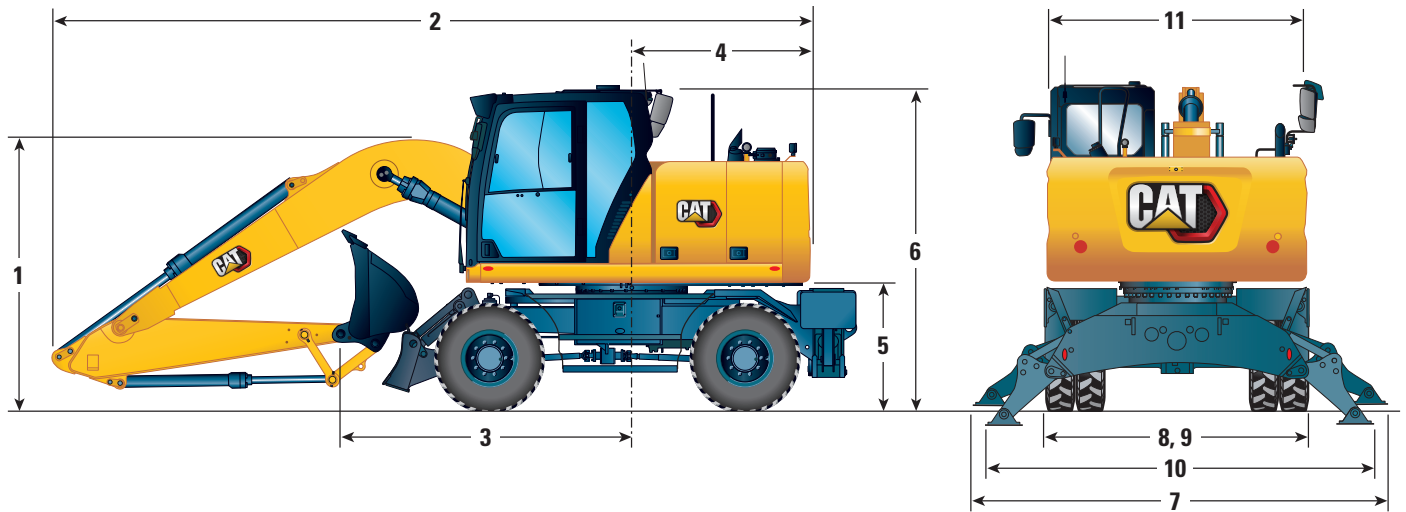
ISO 6396:2008 internal	70 dB(A)
ISO 6395:2008 external	100 dB(A)

- External Sound – The labelled spectator sound power level represents the Guaranteed Value per 2000/14/EC 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).

M315 Wheeled Excavator Specifications

Dimensions

All Dimensions are approximate. Values are with 9.00-20 Dual Pneumatic Tires.



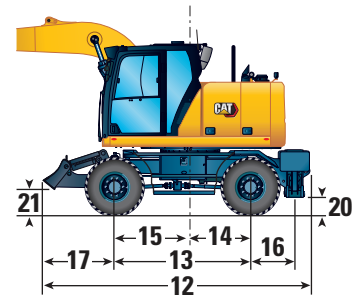
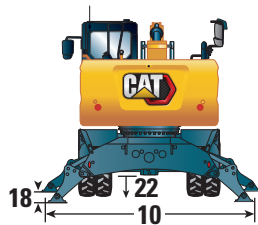
Boom Option	One-Piece Boom 4650 mm (15'3")				One-Piece Short Boom 4400 mm (14'5")			
Stick Options	Bucket Linkage 2200 mm (7'3")		Bucket Linkage 2500 mm (8'2")		Bucket Linkage 2200 mm (7'3")		Bucket Linkage 2500 mm (8'2")	
1 Shipping Height with Operator Protective Guard (OPG) and Handrails Lowered (highest point between boom and cab)	3290 mm	10'9"	3290 mm	10'9"	3315 mm	10'11"	3315 mm	10'11"
Shipping Height without OPG	2850 mm	9'4"	2930 mm	9'7"	3160 mm	10' 4"	3160 mm	10'4"
2 Shipping Length	7770 mm	25'6"	7800 mm	25'7"	7470 mm	24'6"	7500 mm	24'7"
3 Support Point	2800 mm	9'2"	2590 mm	8'6"	2420 mm	7'11"	2180 mm	7'2"
4 Tail Swing Radius	2150 mm	7'1"	2150 mm	7'1"	2150 mm	7'1"	2150 mm	7'1"
5 Counterweight Clearance	1230 mm	4'0"	1230 mm	4'0"	1230 mm	4'0"	1230 mm	4'0"
6 Cab Height								
Without OPG	3120 mm	10'3"	3120 mm	10'3"	3120 mm	10'3"	3120 mm	10'3"
With OPG	3290 mm	10'9"	3290 mm	10'9"	3290 mm	10'9"	3290 mm	10'9"
Overall Machine Width								
7 Width with Outriggers on Ground	3680 mm	12'1"	3680 mm	12'1"	3680 mm	12'1"	3680 mm	12'1"
8 Width with Outriggers Up	2540 mm	8'4"	2540 mm	8'4"	2540 mm	8'4"	2540 mm	8'4"
9 Width with Blade	2540 mm	8'4"	2540 mm	8'4"	2540 mm	8'4"	2540 mm	8'4"
10 Width with Outriggers Fully Down	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"	3650 mm	12'0"
11 Upperframe Width	2480 mm	8'2"	2480 mm	8'2"	2480 mm	8'2"	2480 mm	8'2"

M315 Wheeled Excavator Specifications

Undercarriage Dimensions

All Dimensions are approximate. Values are with 9.00-20 Dual Pneumatic Tires.

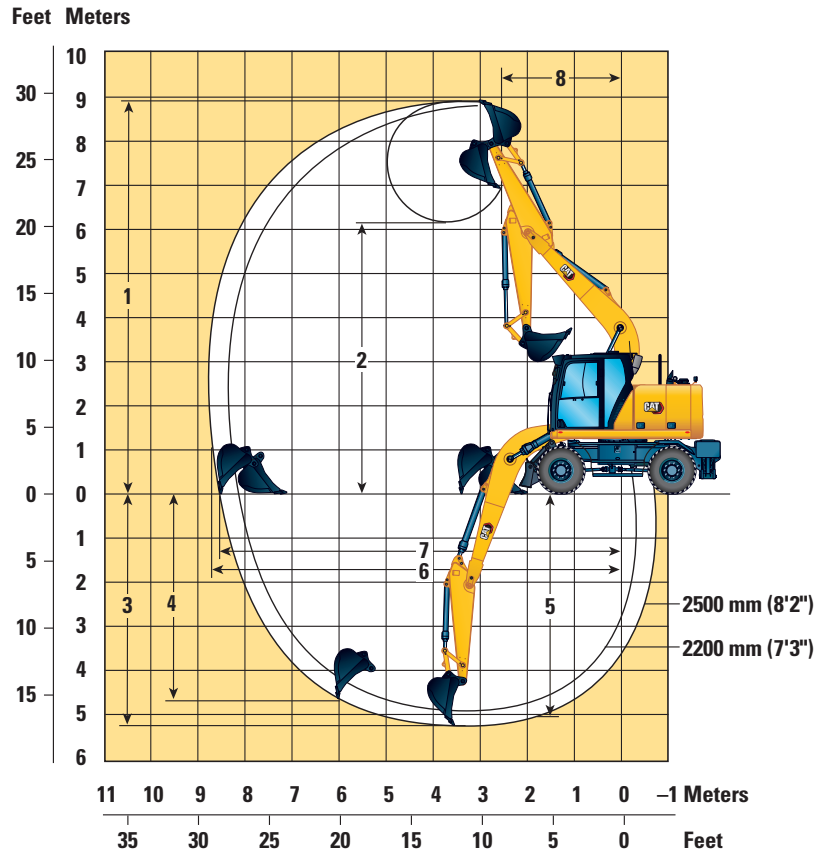
Undercarriage	Rear Outrigger/Front Blade	
12 Overall Undercarriage Length	4920 mm	16'2"
13 Wheel Base	2500 mm	8'2"
14 Swing Bearing Center to Rear Axle Center	1100 mm	3'7"
15 Swing Bearing Center to Front Axle Center	1400 mm	4'7"
16 Rear Axle to Rear Outrigger (mid)	830 mm	2'9"
17 Front Axle to Blade (end)	1270 mm	4'2"
18 Maximum Outrigger Depth	140 mm	0'6"
19 Blade Width	2540 mm	8'4"
Maximum Blade Depth	150 mm	0'6"
Ground Clearance		
20 Outrigger Clearance	305 mm	1'0"
21 Blade Clearance	445 mm	1'6"
22 Axle Clearance	330 mm	1'1"



M315 Wheeled Excavator Specifications

Working Ranges

All Dimensions are approximate. Values are with 9.00-20 Dual Pneumatic Tires.



Boom Option	One-Piece Boom 4650 mm (15'3")			
Stick Options	Bucket Linkage 2200 mm (7'3")		Bucket Linkage 2500 mm (8'2")	
1 Maximum Digging Height	8730 mm	28'8"	8910 mm	29'3"
2 Dump Height	6000 mm	19'8"	6180 mm	20'3"
3 Maximum Digging Depth	4980 mm	16'4"	5280 mm	17'4"
4 Maximum Vertical Wall Digging Depth	4320 mm	14'2"	4680 mm	15'4"
5 Maximum Depth Cut for 2.5 m (8'2") in Straight Clean Up	4760 mm	15'7"	5080 mm	16'8"
6 Maximum Reach	8380 mm	27'6"	8660 mm	28'5"
7 Maximum Reach at Ground Level	8190 mm	26'10"	8470 mm	27'9"
8 Minimum Front Linkage Radius	2710 mm	8'11"	2670 mm	8'9"
Bucket Forces (ISO)	105 kN	23,605 lbf	105 kN	23,605 lbf
Stick Forces (ISO)	71 kN	15,961 lbf	65 kN	14,613 lbf
Bucket Type	GD		GD	
Bucket Capacity	0.76 m ³	0.99 yd ³	0.76 m ³	0.99 yd ³
Bucket Tip Radius (Pin-On)	1224 mm	4'0"	1224 mm	4'0"
Bucket Tip Radius (QC)	1387 mm	4'7"	1387 mm	4'7"

Range values are with dual pneumatic tires (9.00-20).

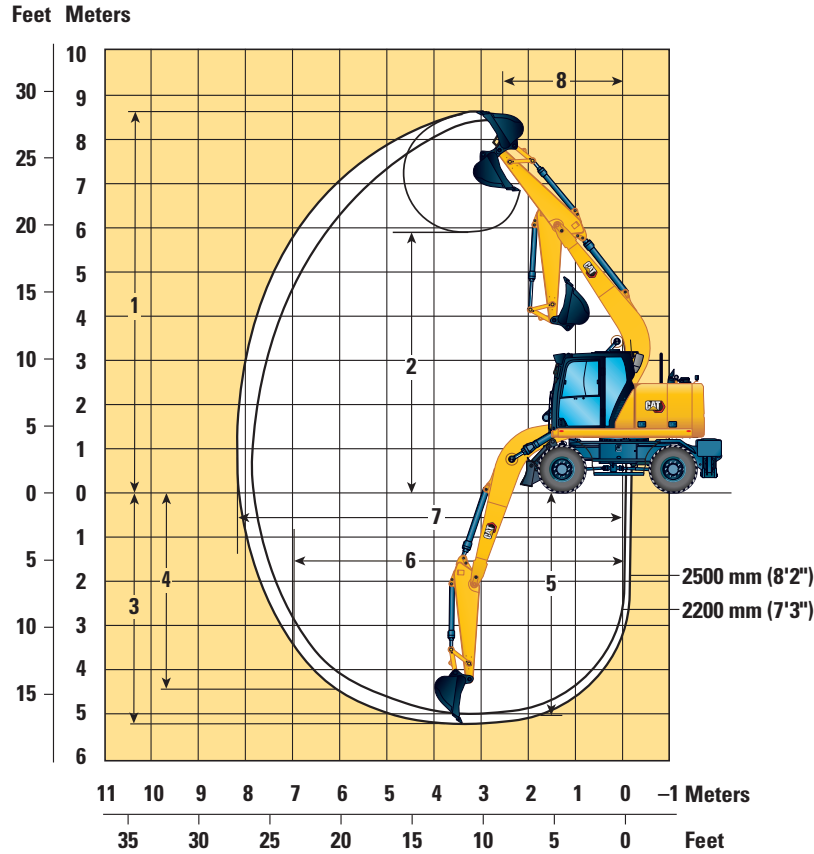
Range values are calculated with a GD bucket (CW) and CW-20-D.4.N quick coupler with a tip radius of 1387 mm (4'7").

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

M315 Wheeled Excavator Specifications

Working Ranges

All Dimensions are approximate. Values are with 9.00-20 Dual Pneumatic Tires.



Boom Option	One-Piece Short Boom 4400 mm (14'5")			
Stick Options	Bucket Linkage 2200 mm (7'3")		Bucket Linkage 2500 mm (8'2")	
1 Maximum Digging Height	8430 mm	27'8"	8610 mm	28'3"
2 Dump Height	5720 mm	18'9"	5900 mm	19'4"
3 Maximum Digging Depth	4910 mm	16'1"	5210 mm	17'1"
4 Maximum Vertical Wall Digging Depth	3980 mm	13'1"	4340 mm	14'3"
5 Maximum Depth Cut for 2.5 m (8'2") in Straight Clean Up	4690 mm	15'5"	5010 mm	16'5"
6 Maximum Reach	6710 mm	22'0"	6990 mm	22'11"
7 Maximum Reach at Ground Level	7900 mm	25'11"	8190 mm	26'10"
8 Minimum Front Linkage Radius	2610 mm	8'7"	2570 mm	8'5"
Bucket Forces (ISO)	105 kN	23,605 lbf	105 kN	23,605 lbf
Stick Forces (ISO)	71 kN	15,961 lbf	65 kN	14,613 lbf
Bucket Type	GD		GD	
Bucket Capacity	0.68 m ³	0.89 yd ³	0.60 m ³	0.78 yd ³
Bucket Tip Radius (Pin-On)	1224 mm	4'0"	1224 mm	4'0"
Bucket Tip Radius (QC)	1387 mm	4'7"	1387 mm	4'7"

Range values are with dual pneumatic tires (9.00-20).




















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

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

M315 Wheeled Excavator Specifications

Lift Capacities – One-Piece Boom, 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3100 kg, heavy lift function on.




















	Load at maximum reach (sticknose/bucket pin)														mm
		3000 mm			4500 mm			6000 mm							
	Undercarriage configuration														
7500 mm	Free on wheels Front dozer – rear stabilizer – lowered										*3100	*3100	*3100	4210	
6000 mm	Free on wheels Front dozer – rear stabilizer – lowered										*2600	*2600	2450	5820	
4500 mm	Free on wheels Front dozer – rear stabilizer – lowered				*4750	4050	3700	3700	2550	2350	*2450	2100	1950	6700	
3000 mm	Free on wheels Front dozer – rear stabilizer – lowered	*8800	7100	6300	5600	3800	3450	3600	2450	2250	*2450	*2450	1850	7160	
1500 mm	Free on wheels Front dozer – rear stabilizer – lowered				5300	3550	3200	3450	2350	2150	*2600	1750	1600	7270	
0 mm	Free on wheels Front dozer – rear stabilizer – lowered	*5550	*5550	5350	5100	3350	3050	3350	2250	2050	2700	1800	1650	7050	
-1500 mm	Free on wheels Front dozer – rear stabilizer – lowered	*8550	6150	5350	5050	3300	3000	3350	2250	2050	3000	2050	1850	6470	
-3000 mm	Free on wheels Front dozer – rear stabilizer – lowered	*5900	*5900	5500	*4250	3350	3050				*3050	2650	2400	5400	

*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, 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 6,830 lb, heavy lift function on.

	Load at maximum reach (sticknose/bucket pin)														ft
		10 ft			15 ft			20 ft							
	Undercarriage configuration														
20 ft	Free on wheels Front dozer – rear stabilizer – lowered										*5,700	*5,700	5,600	18.83	
15 ft	Free on wheels Front dozer – rear stabilizer – lowered				*10,300	8,700	8,000	7,900	5,500	5,000	*5,400	4,700	4,300	21.88	
10 ft	Free on wheels Front dozer – rear stabilizer – lowered	*18,900	15,400	13,600	12,000	8,200	7,500	7,700	5,300	4,900	*5,400	4,100	3,700	23.46	
5 ft	Free on wheels Front dozer – rear stabilizer – lowered	*11,100	*11,100	*11,100	11,400	7,600	6,900	7,500	5,100	4,600	*5,700	3,900	3,500	23.85	
0 ft	Free on wheels Front dozer – rear stabilizer – lowered	*12,800	*12,800	11,600	11,000	7,300	6,500	7,300	4,900	4,400	5,900	4,000	3,600	23.13	
-5 ft	Free on wheels Front dozer – rear stabilizer – lowered	*18,600	13,200	11,600	10,900	7,100	6,400	7,200	4,800	4,400	6,700	4,500	4,100	21.19	
-10 ft	Free on wheels Front dozer – rear stabilizer – lowered	*12,700	*12,700	11,800	*9,000	7,300	6,600				*6,600	5,900	5,300	17.59	

*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.

M315 Wheeled Excavator Specifications

Lift Capacities – One-Piece Boom, 2200 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3100 kg, heavy lift function on.

Stick Length	Undercarriage configuration	Load at maximum reach (sticknose/bucket pin)			Load over front			Load over rear			Load over side			Load point height
		3000 mm	4500 mm	6000 mm	3000 mm	4500 mm	6000 mm	3000 mm	4500 mm	6000 mm	3000 mm	4500 mm	6000 mm	
6000 mm	Free on wheels Front dozer – rear stabilizer – lowered				*4700	4100	3750				*3000	2950	2700	5460
4500 mm	Free on wheels Front dozer – rear stabilizer – lowered				*5200	4000	3650	3650	2500	2300	*2800	2250	2050	6400
3000 mm	Free on wheels Front dozer – rear stabilizer – lowered				5500	3750	3400	3550	2450	2200	*2800	1950	1800	6870
1500 mm	Free on wheels Front dozer – rear stabilizer – lowered				*6000	*6000	5950	*4700	*4700	3800	*2800	*2800	*2800	6990
0 mm	Free on wheels Front dozer – rear stabilizer – lowered	*5300	*5300	*5300	5050	3350	3000	3350	2250	2050	2850	1900	1750	6760
-1500 mm	Free on wheels Front dozer – rear stabilizer – lowered	*7900	6150	5350	5050	3300	2950	3350	2250	2050	3250	2150	1950	6150
-3000 mm	Free on wheels Front dozer – rear stabilizer – lowered	*5100	*5100	*5100	*3700	3400	3050				*2900	*2900	2650	5010

*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, (7'3") Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 6,830 lb, heavy lift function on.

Stick Length	Undercarriage configuration	Load at maximum reach (sticknose/bucket pin)			Load over front			Load over rear			Load over side			Load point height
		10 ft	15 ft	20 ft	10 ft	15 ft	20 ft	10 ft	15 ft	20 ft	10 ft	15 ft	20 ft	
20 ft	Free on wheels Front dozer – rear stabilizer – lowered				*10,200	8,800	8,000				*6,700	6,700	6,100	17.62
15 ft	Free on wheels Front dozer – rear stabilizer – lowered				*10,200	*10,200	*10,200	7,800	5,400	4,900	*6,200	5,000	4,600	20.87
10 ft	Free on wheels Front dozer – rear stabilizer – lowered				*11,300	8,600	7,800	7,800	5,400	4,900	*6,200	*6,200	*6,200	22.54
5 ft	Free on wheels Front dozer – rear stabilizer – lowered				*11,300	*11,300	*11,300	*8,700	*8,700	8,400	*6,200	*6,200	*6,200	22.93
0 ft	Free on wheels Front dozer – rear stabilizer – lowered	*12,200	*12,200	11,500	11,900	8,100	7,300	7,600	5,200	4,800	6,200	4,300	3,900	22.18
-5 ft	Free on wheels Front dozer – rear stabilizer – lowered	*12,200	*12,200	*12,200	*13,000	*13,000	12,800	*10,200	*10,200	8,200	*6,200	*6,200	*6,200	20.14
-10 ft	Free on wheels Front dozer – rear stabilizer – lowered	*17,200	13,200	11,500	*14,400	*14,400	12,200	*10,600	*10,600	8,000	*6,600	*6,600	6,500	16.27

*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.

M315 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East and Eurasia

	Linkage	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	
		mm	in	m ³	yd ³	kg	lb								%
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
Pin-On (No Quick Coupler)															
Utility Duty	312	600	24	0.31	0.40	327	722	100	●	●	●	●	●	●	
	312	1200	48	0.76	1.00	515	1,134	100	⊖	⊕	●	⊖	⊕	●	
General Duty	312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●	
	312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●	
	312	1100	43	0.68	0.89	474	1,046	100	⊕	●	●	⊕	●	●	
General Duty (No Adjuster)	312	450	18	0.20	0.26	267	589	100	●	●	●	●	●	●	
	312	500	20	0.24	0.31	287	633	100	●	●	●	●	●	●	
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	●	
	312	1050	42	0.65	0.84	479	1,055	100	⊕	●	●	⊕	●	●	
	312	1200	48	0.76	1.00	519	1,143	100	⊖	⊕	●	⊖	⊕	●	
Heavy Duty	312	450	18	0.20	0.27	289	637	100	●	●	●	●	●	●	
	312	1200	48	0.76	0.99	533	1,174	100	⊖	⊕	●	⊖	⊕	●	
Severe Duty	312	900	36	0.53	0.69	475	1,047	90	●	●	●	●	●	●	
Ditch Cleaning	312	1800	72	0.68	0.89	540	1,191	100	⊕	●	●	⊖	⊕	●	
	312	1800	71	0.57	0.74	421	928	100	●	●	●	●	●	●	
Ditch Cleaning Tilt	312	1800	72	0.60	0.78	724	1,597	100	⊖	●	●	⊖	⊕	●	
Maximum load with pin-on (payload + bucket)									kg	1747	1993	3226	1657	1889	3048
									lb	3,851	4,393	7,113	3,653	4,165	6,721

									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
With CW20 Coupler															
General Duty	CW20	600	24	0.31	0.40	344	758	100	●	●	●	●	●	●	
	CW20	900	36	0.53	0.69	426	940	100	●	●	●	⊕	●	●	
	CW20	1100	43	0.68	0.89	487	1,073	100	⊖	⊕	●	○	⊕	●	
	CW20	1200	48	0.76	1.00	515	1,135	100	○	⊖	●	○	⊖	●	
Heavy Duty	CW20	1200	48	0.76	1.00	526	1,159	100	○	⊖	●	○	⊖	●	
General Duty – Leveling Edge	CW20	690	27	0.40	0.52	410	904	100	●	●	●	●	●	●	
	CW20	600	24	0.33	0.43	392	865	100	●	●	●	●	●	●	
	CW20	790	31	0.47	0.61	452	997	100	●	●	●	●	●	●	
	CW20	996	39	0.63	0.83	515	1,135	100	⊖	●	●	⊖	⊕	●	
	CW20	1184	47	0.80	1.05	601	1,324	100	○	⊖	●	◇	○	●	
Ditch Cleaning	CW20	1800	72	0.68	0.89	516	1,138	100	⊖	⊕	●	○	⊕	●	
Maximum load with coupler (payload + bucket)									kg	1542	1788	3021	1452	1684	2843
									lb	3,399	3,942	6,661	3,201	3,713	6,269

Maximum Material Density:

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

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

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(continued on next page)

M315 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Africa, Middle East and Eurasia (continued)

	Linkage	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	
		mm	in	m ³	yd ³	kg	lb								%
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
With CW20S Coupler General Duty	CW20S	450	18	0.20	0.26	302	666	100	●	●	●	●	●	●	
	CW20S	500	20	0.24	0.31	311	686	100	●	●	●	●	●	●	
	CW20S	600	24	0.31	0.40	330	728	100	●	●	●	●	●	●	
	CW20S	750	30	0.41	0.54	377	832	100	●	●	●	●	●	●	
	CW20S	900	36	0.53	0.69	426	940	100	●	●	●	⊙	●	●	
	CW20S	1000	39	0.60	0.78	451	995	100	⊙	●	●	⊖	●	●	
	CW20S	1100	43	0.68	0.89	487	1,073	100	⊖	⊙	●	⊖	⊙	●	
Heavy Duty	CW20S	1200	48	0.76	1.00	516	1,137	100	○	⊖	●	○	⊖	●	
	CW20S	500	20	0.24	0.31	321	708	100	●	●	●	●	●	●	
Ditch Cleaning	CW20S	1200	48	0.76	1.00	526	1,160	100	○	⊖	●	○	⊖	●	
Ditch Cleaning Tilt	CW20S	1800	72	0.68	0.89	457	1,008	100	⊖	⊙	●	⊖	⊙	●	
									○	⊙	●	○	⊖	●	
Maximum load with coupler (payload + bucket)									kg	1564	1810	3043	1474	1706	2865
									lb	3,448	3,990	6,710	3,250	3,761	6,317

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)

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.

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M315 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – South America (including Brazil)

	Linkage	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	
		mm	in	m ³	yd ³	kg	lb								%
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
Pin-On (No Quick Coupler)	General Duty	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●
		312	600	24	0.31	0.40	320	706	100	●	●	●	●	●	●
		312	750	30	0.41	0.54	369	815	100	●	●	●	●	●	●
		312	900	36	0.53	0.69	425	936	100	●	●	●	●	●	●
		312	1050	42	0.65	0.84	468	1,031	100	⊙	●	●	⊙	●	●
Severe Duty	312	1200	48	0.76	1.00	508	1,119	100	⊖	⊙	●	⊖	⊙	●	
	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	
	312	900	36	0.53	0.69	495	1,091	90	●	●	●	●	●	●	
Ditch Cleaning	312	1050	42	0.65	0.84	541	1,192	90	●	●	●	⊙	●	●	
	312	1200	48	0.57	0.74	388	855	100	●	●	●	●	●	●	
Ditch Cleaning Tilt	312	1500	60	0.74	0.97	455	1,003	100	⊙	●	●	⊖	⊙	●	
	312	1200	48	0.48	0.63	563	1,240	100	●	●	●	●	●	●	
									kg	1747	1993	3226	1657	1889	3048
									lb	3,851	4,393	7,113	3,653	4,165	6,721
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
With Cat Pin Grabber Coupler	General Duty	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●
		312	600	24	0.31	0.40	320	706	100	●	●	●	●	●	●
		312	750	30	0.41	0.54	369	815	100	●	●	●	●	●	●
		312	900	36	0.53	0.69	425	936	100	●	●	●	●	●	●
		312	1050	42	0.65	0.84	468	1,031	100	⊙	●	●	⊙	●	●
Severe Duty	312	1200	48	0.76	1.00	508	1,119	100	⊖	⊙	●	⊖	⊙	●	
	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	
	312	900	36	0.53	0.69	495	1,091	90	●	●	●	●	●	●	
Ditch Cleaning	312	1050	42	0.65	0.84	541	1,192	90	●	●	●	⊙	●	●	
	312	1200	48	0.57	0.74	388	855	100	●	●	●	●	●	●	
Ditch Cleaning Tilt	312	1500	60	0.74	0.97	455	1,003	100	⊙	●	●	⊖	⊙	●	
	312	1200	48	0.48	0.63	563	1,240	100	●	●	●	●	●	●	
									kg	1547	1793	3027	1457	1689	2849
									lb	3,411	3,953	6,673	3,213	3,724	6,280

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)
 - ⊖ 1500 kg/m³ (2,500 lb/yd³)

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M315 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Southeast Asia

	Linkage	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	
		mm	in	m ³	yd ³	kg	lb								%
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
Pin-On (No Quick Coupler)	General Duty	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●
		312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●
		312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●
	312	1200	48	0.76	1.00	504	1,110	100	⊖	⊖	●	⊖	⊖	●	
Severe Duty	312	1050	42	0.65	0.85	554	1,221	90	●	●	●	⊖	●	●	
Maximum load with pin-on (payload + bucket)									kg	1747	1993	3226	1657	1889	3048
									lb	3,851	4,393	7,113	3,653	4,165	6,721
									3100 kg (6,830 lb) Counterweight						
									One-Piece Boom						
									2200 mm (7'3") Stick			2500 mm (8'2") Stick			
With Cat Pin Grabber Coupler	General Duty	312	450	18	0.20	0.27	278	614	100	●	●	●	●	●	●
		312	600	24	0.31	0.40	317	699	100	●	●	●	●	●	●
		312	1000	39	0.60	0.78	439	969	100	●	●	●	●	●	●
	312	1200	48	0.76	1.00	504	1,110	100	⊖	⊖	●	⊖	⊖	●	
Severe Duty	312	1050	42	0.65	0.85	554	1,221	100	⊖	●	●	⊖	●	●	
Maximum load with coupler (payload + bucket)									kg	1547	1793	3027	1457	1689	2849
									lb	3,411	3,953	6,673	3,213	3,724	6,280

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)
- ⊖ 1500 kg/m³ (2,500 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.

M315 Wheeled Excavator Specifications

Attachments Offering Guide – Africa and Middle East

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> No Match	<input type="checkbox"/> * Working range front only	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC 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 GC-400	●	●	○	○
	GSV520 GC-500	●	●	○	
	GSV520 GC-600	●	●		
	GSV520 GC-750	○	○		
	GSV520 GC-1250	◇	◇		
	GSV520-400	●	●	○	○
	GSV520-500	●	●		
	GSV520-600	●	●		
	GSV520-750	○	○		
	GSV520-1250	◇	◇		

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M315 Wheeled Excavator Specifications

Attachments Offering Guide – Africa and 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 ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC 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		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓*
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G312 GC	✓	✓	✓	✓
	G313 GC	✓	✓	✓	✓*
	G314	✓	✓	✓*	✓*
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓*	✓*
Pulverizers	P214 Secondary Pulverizer	✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

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M315 Wheeled Excavator Specifications

Attachments Offering Guide – Africa and 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

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Counterweight		1 Piece		1 Piece	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓*
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	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	✓	✓	✓	✓

M315 Wheeled Excavator Specifications

Attachments Offering Guide – Eurasia

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> No Match	<input type="checkbox"/> * Working range front only	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC 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 GC-400	●	●	○	○
	GSV520 GC-500	●	●	○	
	GSV520 GC-600	●	●		
	GSV520 GC-750	○	○		
	GSV520 GC-1250	◇	◇		
	GSV520-400	●	●	○	○
	GSV520-500	●	●		
	GSV520-600	●	●		
	GSV520-750	○	○		
GSV520-1250	◇	◇			

(continued on next page)

M315 Wheeled Excavator Specifications

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

No Match

CAT PIN GRABBER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC 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		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓*
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	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)

M315 Wheeled Excavator Specifications

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

No Match

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Counterweight		1 Piece		1 Piece	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓*
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	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	✓	✓	✓	✓

M315 Wheeled Excavator Specifications

Attachments Offering Guide – South America

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> No Match	<input type="checkbox"/> * Working range front only	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H100 Side Mount				
	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC Side Mount	✓	✓	✓	✓
	H115 GC 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 GC-400	●	●	○	○
	GSV520 GC-500	●	●	○	
	GSV520 GC-600	●	●		
	GSV520 GC-750	○	○		
	GSV520 GC-1250	◇	◇		
	GSV520-400	●	●	○	○
	GSV520-500	●	●		
	GSV520-600	●	●		
	GSV520-750	○	○		
GSV520-1250	◇	◇			

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M315 Wheeled Excavator Specifications

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 ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC 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	✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC S				
	H110 S				
	H115 GC				
	H115 GC S				
	H115 S				
Pulverizers	P214 Secondary Pulverizer	✓			

HCS60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓	✓*	
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓	✓	✓*	
Pulverizers	P214 Secondary Pulverizer	✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

(continued on next page)

M315 Wheeled Excavator Specifications

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

HCS65 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Demolition and Sorting Grapples	G314	✓	✓		
Mobile Scrap and Demolition Shears	S3015 Flat Top	✓			
Pulverizers	P214 Secondary Pulverizer	✓			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

TRS10 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

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

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
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.

M315 Wheeled Excavator Specifications

Attachments Offering Guide – SE Asia

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

Match

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC	✓	✓	✓	✓
	H110 GC Side Mount	✓	✓	✓	✓
	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
	H115 GC	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓

TRS10 (PIN-ON TOP/S60 BOTTOM) ATTACHMENTS

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

Undercarriage		Front Blade; Rear Outriggers		Rear Blade	
Counterweight		3100 kg (6,834 lb)		3100 kg (6,834 lb)	
Boom Type		1 Piece		1 Piece	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓
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.

M315 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
BOOM, STICKS AND LINKAGES			ENGINE		
4400 mm (14'5") One-piece short boom		✓	Cat C3.6 Single Turbo diesel engine (U.S. EPA Tier 3 and EU Stage IIIA equivalent)	✓	
4650 mm (15'3") One-piece boom		✓	Power mode selector	✓	
2200 mm (7'3") stick		✓	One-touch low idle with automatic engine speed control	✓	
2500 mm (8'2") stick		✓	Automatic engine idle shutdown	✓	
Bucket linkage, 312-family with lifting eye		✓	52°C (125°F) high-ambient cooling capacity	✓	
Bucket linkage, 312-family without lifting eye		✓	Cold starting capability for -18°C (0°F)	✓	
CAT TECHNOLOGY			Double element air filter with integrated pre-cleaner	✓	
VisionLink®	✓*		Electric fuel priming pump	✓	
Remote Flash	✓		Engine driven fan with fluid temperature controlled variable fan speed	✓	
Remote Troubleshoot	✓		HYDRAULIC SYSTEM		
Cat Grade 2D		✓	Boom, stick and bucket drift reduction valves	✓	
Laser catcher		✓	Boom/stick lowering check valves		✓
Cat Payload: – Static weigh – Semiautomatic calibration – Payload/cycle information – USB reporting capability		✓	Overload warning	✓	
ELECTRICAL SYSTEM			Electronic main control valve	✓	
LED lights on boom and cab	✓		Auto hydraulic oil warm up	✓	
LED lights on chassis LH/RH and counterweight		✓	Element type main hydraulic filter	✓	
Programmable time-delay LED working lights	✓		One-Slider joysticks	✓	
Roading and indicator lights, front and rear	✓		Advanced Tool Control (one/two way high-pressure flow with drift reduction)	✓	
Maintenance free batteries	✓		Medium pressure auxiliary circuit (one/two way medium-pressure flow)		✓
Centralized electrical disconnect switch	✓		Heavy lift mode	✓	
Electrical refueling pump		✓	Quick coupler circuit for Cat Pin Grabber and CW Dedicated		✓
			Separate dedicated swing pump	✓	
			Automatic swing brake	✓	
			Adjustable hydraulic aggressiveness	✓	
			Electronic Pattern changer	✓	

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

(continued on next page)

M315 Standard and Optional Equipment

Standard and Optional Equipment *(continued)*

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

	Standard	Optional		Standard	Optional
SAFETY AND SECURITY			UNDERCARRIAGE AND STRUCTURES		
Rear view camera	✓		All wheel drive	✓	
Rear and right-side-view cameras		✓	Automatic brake/axle lock	✓	
Wide angle mirrors	✓		Creeper speed	✓	
Travel alarm		✓	Electronic swing and travel lock	✓	
Signal/warning horn	✓		Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Rotating beacon on cab		✓	Oscillating front axle, lockable, with remote greasing point	✓	
Cat Asset tracker		✓	Tires, 9.00-20 14 PR, dual	✓	
Neutral lever (lock out) for all controls	✓		Steps with tool box in undercarriage (left and right)	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓		Two-piece drive shaft	✓	
Bluetooth® receiver	✓		Two speed hydrostatic transmission	✓	
Anti-skid plate and countersunk bolts on service platform	✓		Rear outrigger/front blade (radial) undercarriage	✓	
2D E-Fence		✓	Fenders, front and rear, steel		✓
SERVICE AND MAINTENANCE			3100 kg (6,834 lb) counterweight	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓				

M315 Attachments

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)

Cab Options

	Comfort	Deluxe
Sound-suppressed ROPS cab	●	●
Comfortable seat with mechanical suspension	●	X
Heated seat with air-adjustable suspension	X	●
Height-adjustable console, 3-step with tool	●	X
Height-adjustable console, infinite with no tool	X	●
High-resolution 203 mm (8") LCD touchscreen monitor	●	X
High-resolution 254 mm (10") LCD touchscreen monitor	X	●
Mechanical Mirror	●	●
Automatic bi-level air conditioner	●	●
Auxiliary relay	X	○
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
51 mm (2") seat belt	●	●
Unfastened seat belt warning	X	●
Bluetooth integrated radio with USB ports and speakers	●	●
Two 12V DC outlets	●	●
Document storage	X	●
Cup and bottle holders	●	●
Openable two-piece front window (laminated)	●	●
Parallel wiper with washer	●	●
Openable steel hatch	●	X
Fixed glass skylight hatch	X	●
LED dome lights	●	●
Foot Illumination	X	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Beacon ready	●	●
Vandal Guards "Ready"	●	●
Two LED cab lights	●	●
Rain visor	X	●

- Standard
- Optional
- X Not available

M315 Environmental Declaration

The following information applies to the machine at the time of final manufacture as configured for sale in the regions covered in this document. The content of this declaration is valid as of the date issued; however, content related to machine features and specifications are subject to change without notice. For additional information, please see the machine's Operation and Maintenance Manual.

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

Engine

- The Cat® C3.6 engine meets 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:
 - ✓ 100% 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.
- *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.*

Paint

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

Sound Performance

ISO 6396:2008 internal	70 dB(A)
ISO 6395:2008 external	100 dB(A)

- External Sound – The labelled spectator sound power level represents the Guaranteed Value per 2000/14/EC 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
 - 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

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

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AEXQ3030-04 (12-2023)
Replaces AEXQ3030-03
Build Number: 05D
(Afr-ME, Eurasia,
S Am, SE Asia)

