

M315
Wheel Excavator

Technical Specifications

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

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M315 Wheel Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Engine Power		
ISO 14396	110 kW	148 hp
ISO 14396 (metric)	150 PS	
Net Power		
ISO 9249	105 kW	141 hp
ISO 9249 (metric)	143 PS	
Bore	105 mm	4.1 in
Stroke	127 mm	5.0 in
Displacement	4.4 L	268.5 in^3
Biodiesel Capability	Up to B20 (1)	
Number of Cylinders	4	

- Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, Clean Emission Module (CEM) exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Recommended for use up to 3000 m (9,843 ft) altitude with engine power derate above 3000 m (9,843 ft).
- Rated speed 2,200 rpm.
- Advertised power is tested per the specified standard in effect at the time of manufacture.

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

✓ 20% biodiesel FAME (fatty acid methyl ester)***

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

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

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

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

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

Drive

Forward/Reverse		
1st Gear	10 km/h	6.2 mph
2nd Gear	35 km/h	21.7 mph
Creeper Speed		
1st Gear	5.5 km/h	3.4 mph
2nd Gear	15 km/h	9.3 mph
Drawbar Pull	104 kN	23,380 lbf
Maximum Gradeability at (16 500 kg/36,376 lb)	78%	

Service Refill Capacities

Fuel Tank (total capacity)	280 L	74.0 gal
Diesel Exhaust Fluid Tank	20 L	5.3 gal
Cooling System	24 L	6.3 gal
Engine Oil	13 L	3.4 gal
Hydraulic Tank	92 L	24.3 gal
Hydraulic System (including tank)	220 L	58.1 gal
Rear Axle Housing (differential)	14 L	3.7 gal
Front Steering Axle (differential)	10.5 L	2.8 gal
Final Drive (each)	2.5 L	0.7 gal
Powershift Transmission	2.5 L	0.7 gal

Swing Mechanism

Maximum Swing Speed*	9.1 rpm	
Maximum Swing Torque	39 kN·m	28,860 lbf·ft

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

Undercarriage

Ground Clearance	365 mm	14.4 in
Maximum Steering Angle	35°	
Oscillation Axle Angle	± 8.5°	
Minimum Turning Radius		
Outside of Tire	6300 mm	20.7 ft
Outside of Tire (plastic fender)	7600 mm	24.9 ft
End of Variable Adjustable Boom	6900 mm	22.6 ft
Maximum Towable Trailer Mass*	8000 kg	17,640 lb

*Europe only.

Operating Weights[1]

Minimum	15 700 kg	34,610 lb
Maximum	18 000 kg	39,680 lb
Typical Configurations		
Variable Adjustable Boom[2]		
Rear Blade Only	16 250 kg	35,820 lb
Blade and Outriggers	17 200 kg	37,920 lb
Front and Rear Outriggers	17 450 kg	38,470 lb

[1]Operating weight includes full fuel tank, operator, General Duty (GD) bucket and dual pneumatic tires. Weight varies depending on configuration.

[2]Typical configurations include 2.5 m (8'2") stick and 4000 kg (8,820 lb) counterweight.

Major Component Weights

Booms (including Variable Adjustable [VA] and stick cylinder, pins and standard hydraulic lines)		
5.02 m (16'6") Variable Adjustable Boom (VAB)	1860 kg	4,100 lb
Sticks (including cylinder, bucket linkage, pins and standard hydraulic lines)		
2.2 m (7'3") Stick	630 kg	1,390 lb
2.5 m (8'2") Stick	620 kg	1,370 lb
Counterweight		
4000 kg (8,820 kg) Counterweight	4000 kg	8,820 lb
Undercarriage (including axles, standard tires and steps)		
Rear Radial Blade	4355 kg	9,600 lb
Rear Radial Blade, High Carbon Steel (HCS)	4355 kg	9,600 lb
Front Radial Blade/Rear Outrigger	5285 kg	11,650 lb
Rear Radial Blade/Front Outrigger	5295 kg	11,670 lb
Rear Blade	4500 kg	9,920 lb
Rear Blade, Trailer	4565 kg	10,064 lb
Front Blade/Rear Outrigger	5425 kg	11,950 lb
Rear Blade/Front Outrigger	5435 kg	12,000 lb
Rear Outrigger/Front Outrigger	5550 kg	12,240 lb
Buckets		
CW Bucket GD 1200 mm (47"), 0.76 m^3 (0.99 yd^3)	510 kg	1,120 lb
Pin-On Bucket GD 1200 mm (47"), 0.76 m^3 (0.99 yd^3)	500 kg	1,100 lb
Quick Couplers		
CW20 Dedicated Quick Coupler	210 kg	460 lb
Pin Grabber Quick Coupler	190 kg	420 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	33 500 kPa	4,859 psi
Maximum Flow		
Implements	275 L/min	73 gal/min
Travel Circuit	190 L/min	50 gal/min
Auxiliary Circuit		
High Pressure	250 L/min	66.0 gal/min
Medium Pressure	55 L/min	14.5 gal/min
Swing Mechanism	85 L/min	22.5 gal/min
Cylinders		
Boom Cylinder (VA) – Bore	105 mm	0'4"
Boom Cylinder (VA) – Stroke	974 mm	3'2"
VAB Cylinder – Bore	130 mm	0'5"
VAB Cylinder – Stroke	753 mm	2'6"
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"

Tires

Standard	10.00-20 (dual pneumatic)
Optional	315/70R22.5 (dual pneumatic spacerless) 445/70/R19.5 TL XF (single pneumatic) 300-80-22.5 (dual pneumatic, spacerless)

M315 Wheel Excavator Specifications

Dozer Blade

Blade Type	Parallel	
Width	2540 mm	8'4"
Blade Roll-Over Height	540 mm	1'9"
Blade Total Height	580 mm	1'11"
Maximum Lowering Depth From Ground	120 mm	0'5"
Maximum Raising Height Above Ground	475 mm	1'7"

Blade Type	Radial	
Width	2540 mm	8'4"
Blade Roll-Over Height	560 mm	1'10"
Blade Total Height	610 mm	2'0"
Maximum Lowering Depth From Ground	115 mm	0'5"
Maximum Raising Height Above Ground	470 mm	1'7"

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 Roll Over Protective Systems (ROPS)	ISO 12117-2:2008
Operator Protective Guard (OPG) (Optional)	ISO 10262:1998 Level II
Cab/Sound Levels	Meets appropriate standards as listed below

Sound Performance

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

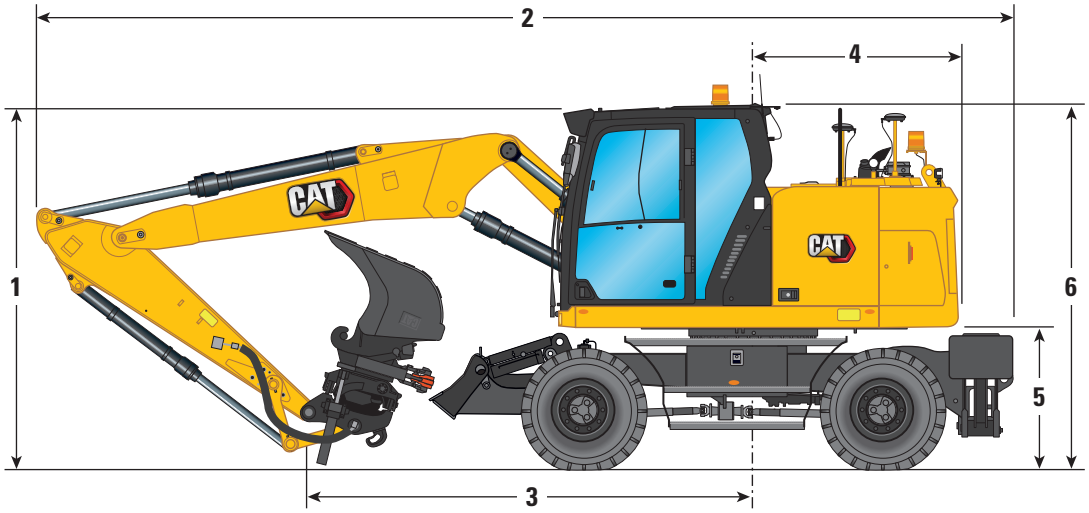
- Blue Angel Certified
- External Sound – The labelled spectator sound power level represents the Guaranteed Value per 2000/14/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum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

Air Conditioning System

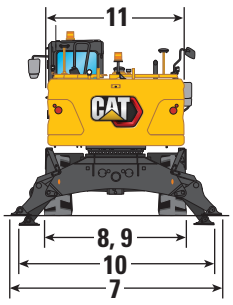
- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains 0.8 kg (1.8 lb) of refrigerant which has a CO_2 equivalent of 1.144 metric tonnes (1.261 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 0.7 kg (1.5 lb) of refrigerant which has a CO_2 equivalent of 0.0004 metric tonnes (0.0004 tons).

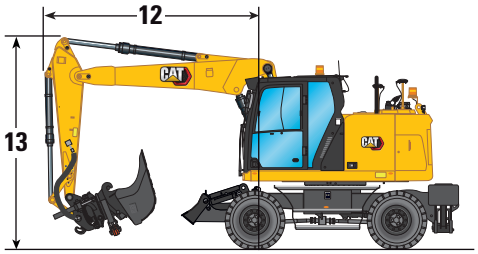
Dimensions

All Dimensions are approximate. Values are with 10.00-20 Dual Pneumatic Tires.



Boom Option	Variable Adjustable Boom 5.02 m (16'6")	
Stick Options	**2.2 m (7'3")**	**2.5 m (8'2")**
1 Shipping Height with Operator Protective Guard (OPG) (highest point between boom and cab)	3280 mm (10'9")	3280 mm (10'9")
Shipping Height without OPG	3060 mm (10'0")	3150 mm (10'4")
2 Shipping Length	8500 mm (27'11")	8510 mm (27'11")
3 Support Point	3480 mm (11'5")	3310 mm (10'10")
4 Tail Swing Radius	1750 mm (5'9")	1750 mm (5'9")
5 Counterweight Clearance	1260 mm (4'2")	1260 mm (4'2")
6 Cab Height		
No OPG	3160 mm (10'4")	3160 mm (10'4")
With OPG	3280 mm (10'9")	3280 mm (10'9")
Overall Machine Width		
7 Width with Outriggers on Ground	3815 mm (12'6")	3815 mm (12'6")
8 Width with Outriggers Up	2540 mm (8'4")	2540 mm (8'4")
9 Width with Blade	2540 mm (8'4")	2540 mm (8'4")
10 Width with Outriggers Fully Down	3650 mm (12'0")	3650 mm (12'0")
Enclosure Height (doors)	2460 mm (8'1")	2460 mm (8'1")
11 Upperframe Width	2480 mm (8'2")	2480 mm (8'2")
Roading Position		
12 Steering Wheel to Linkage in Roading Position	2990 mm (9'10")	2960 mm (9'8")
13 Height in Roading Position	3980 mm (13'1")	3980 mm (13'1")





M315 Wheel Excavator Specifications

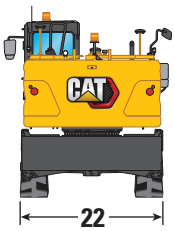
Undercarriage Dimensions

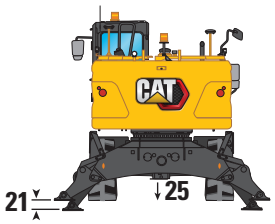
All Dimensions are approximate.

Undercarriage	Rear Blade*	Rear Blade/ Front Outrigger	Rear Outrigger/ Front Blade	Rear Outrigger/ Front Outrigger
14 Overall Undercarriage Length (blade parallel)	4260 mm (14'0")	4870 mm (16'0")	4870 mm (16'0")	4805 mm (15'9")
14 Overall Undercarriage Length (blade radial)	4360 mm (14'4")	4975 mm (16'4")	4975 mm (16'4")	—
15 Wheel Base	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")	2550 mm (8'4")
16 Swing Bearing Center to Rear Axle	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")	1100 mm (3'7")
17 Swing Bearing Center to Front Axle	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")
18 Rear Axle to Rear Outrigger (mid)	—	—	830 mm (2'9")	830 mm (2'9")
19 Front Axle to Front Outrigger (mid)	—	875 mm (2'10")	—	875 mm (2'10")
20 Rear Axle to Parallel Blade (end)	1170 mm (3'10")	1170 mm (3'10")	—	—
20 Rear Axle to Radial Blade (end)	1270 mm (4'2")	1270 mm (4'2")	—	—
Front Axle to Parallel Blade (end)	—	—	1215 mm (4'0")	—
Front Axle to Radial Blade (end)	—	—	1320 mm (4'4")	—
21 Maximum Outrigger Depth	—	115 mm (0'5")	115 mm (0'5")	115 mm (0'5")
22 Blade Width	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	—
Maximum Blade Depth Below Ground	120 mm (0'5")	120 mm (0'5")	120 mm (0'5")	—
Ground Clearance				
Lowest Step Clearance	395 mm (1'4")	395 mm (1'4")	395 mm (1'4")	395 mm (1'4")
23 Outrigger Clearance	335 mm (1'1")	335 mm (1'1")	335 mm (1'1")	335 mm (1'1")
24 Blade Clearance (parallel)	470 mm (1'7")	470 mm (1'7")	470 mm (1'7")	470 mm (1'7")
24 Blade Clearance (radial)	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")
25 Axle Clearance	365 mm (1'2")	365 mm (1'2")	365 mm (1'2")	365 mm (1'2")

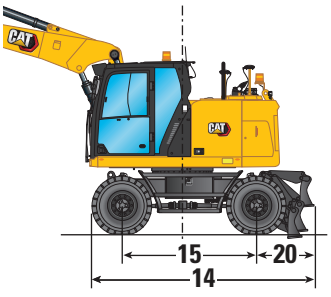
*Blade rear, trailer dimensions are equal to the dimensions for rear blade parallel.

*Maximum tire clearance with outrigger fully down

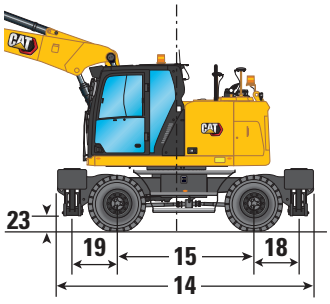




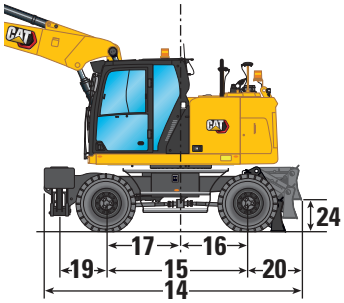
Undercarriage with dozer only



Undercarriage with 2 sets of outriggers

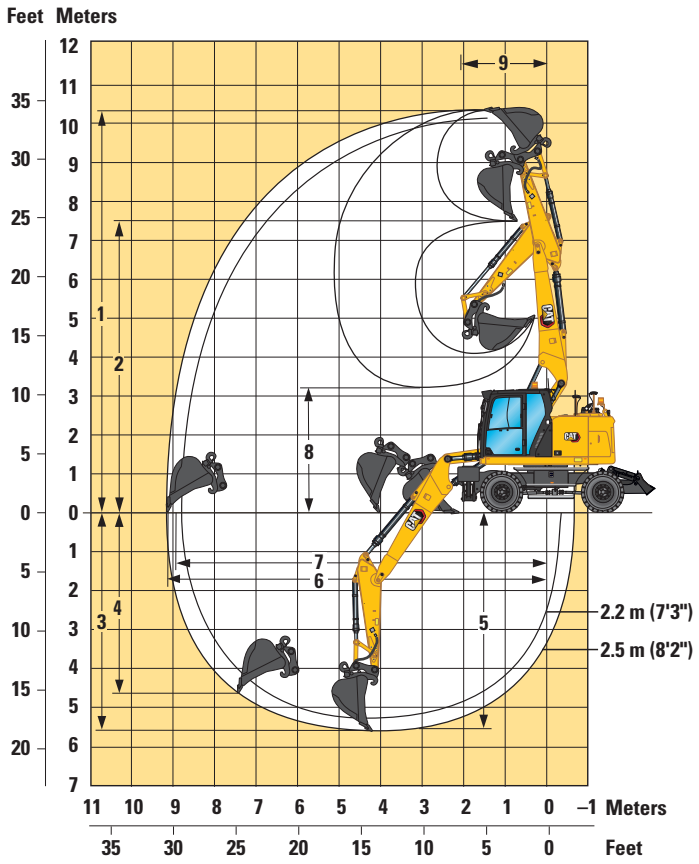


Undercarriage with 1 set of outriggers and dozer



Working Ranges

All Dimensions are approximate. Values are with 10.00-20 Dual Pneumatic Tires.



Boom Option	Variable Adjustable Boom 5.02 m (16'6")	
Stick Options	**2.2 m (7'3")**	**2.5 m (8'2")**
1 Maximum Cutting Height	10 140 mm (33'3")	10 410 mm (34'2")
2 Maximum Loading Height	7400 mm (24'3")	7680 mm (25'2")
3 Maximum Digging Depth	5290 mm (17'4")	5580 mm (18'4")
4 Maximum Vertical Wall Digging Depth	4250 mm (13'11")	4580 mm (15'0")
5 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5170 mm (17'0")	5480 mm (18'0")
6 Maximum Reach	8860 mm (29'1")	9150 mm (30'0")
7 Maximum Reach at Ground Line	8680 mm (28'6")	8980 mm (29'6")
8 Minimum Loading Height	3550 mm (11'8")	3300 mm (10'10")
9 Minimum Front Swing Radius	1920 mm (6'4")	2080 mm (6'10")
Bucket Forces (ISO)	106 kN (23,830 lbf)	106 kN (23,830 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 (Quick Coupler [QC])	1387 mm (4'7")	1387 mm (4'7")

Range values are with dual pneumatic tires (10.00-20).
Range values are calculated with a GD bucket (CW) and CW 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 Wheel Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2.2 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4000 kg, heavy lift function on.

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

	Undercarriage configuration	3000 mm			4500 mm			6000 mm						mm
7500 mm	Free on Wheels				*3900	*3900	3750				*3700	*3700	3700	4540
	Front Empty – Rear Dozer – Stabilized				*3900	*3900	*3900				*3700	*3700	*3700	
	Front Dozer – Rear Stabilizer – Stabilized				*3900	*3900	*3900				*3700	*3700	*3700	
	Front Stabilizer – Rear Stabilizer – Stabilized				*3900	*3900	*3900				*3700	*3700	*3700	
6000 mm	Free on Wheels				*4750	4250	3850	*3450	2600	2350	*3050	2550	2300	6070
	Front Empty – Rear Dozer – Stabilized				*4750	*4750	4300	*3450	*3450	2650	*3050	*3050	2600	
	Front Dozer – Rear Stabilizer – Stabilized				*4750	*4750	*4750	*3450	*3450	*3450	*3050	*3050	*3050	
	Front Stabilizer – Rear Stabilizer – Stabilized				*4750	*4750	*4750	*3450	*3450	*3450	*3050	*3050	*3050	
4500 mm	Free on Wheels				*5250	4100	3650	3900	2600	2300	*2850	2000	1800	6930
	Front Empty – Rear Dozer – Stabilized				*5250	*5250	4100	3900	*4300	2600	*2850	*2850	2050	
	Front Dozer – Rear Stabilizer – Stabilized				*5250	*5250	*5250	*4300	*4300	4050	*2850	*2850	*2850	
	Front Stabilizer – Rear Stabilizer – Stabilized				*5250	*5250	*5250	*4300	*4300	*4300	*2850	*2850	*2850	
3000 mm	Free on Wheels				5900	3750	3350	3800	2450	2200	2750	1750	1600	7370
	Front Empty – Rear Dozer – Stabilized				5850	*6050	3800	3750	*4600	2500	2750	*2850	1800	
	Front Dozer – Rear Stabilizer – Stabilized				*6050	*6050	*6050	*4600	*4600	3950	*2850	*2850	*2850	
	Front Stabilizer – Rear Stabilizer – Stabilized				*6050	*6050	*6050	*4600	*4600	*4600	*2850	*2850	*2850	
1500 mm	Free on Wheels				5550	3450	3050	3650	2350	2100	2650	1700	1500	7480
	Front Empty – Rear Dozer – Stabilized				5550	*6600	3500	3650	*4800	2350	2650	*3000	1700	
	Front Dozer – Rear Stabilizer – Stabilized				*6600	*6600	5800	*4800	*4800	3800	*3000	*3000	2750	
	Front Stabilizer – Rear Stabilizer – Stabilized				*6600	*6600	*6600	*4800	*4800	4600	*3000	*3000	*3000	
0 mm	Free on Wheels				5400	3300	2950	3550	2250	2000	2750	1750	1550	7270
	Front Empty – Rear Dozer – Stabilized				5350	*6450	3350	3550	*4700	2300	2700	*3300	1750	
	Front Dozer – Rear Stabilizer – Stabilized				*6450	*6450	5600	*4700	*4700	3700	*3300	*3300	2850	
	Front Stabilizer – Rear Stabilizer – Stabilized				*6450	*6450	*6450	*4700	*4700	4500	*3300	*3300	*3300	
–1500 mm	Free on Wheels	*6700	6200	5350	5400	3300	2900	3550	2250	2000	3050	1950	1750	6700
	Front Empty – Rear Dozer – Stabilized	*6700	*6700	6250	5350	*5550	3350	3500	*4000	2250	3050	*3150	2000	
	Front Dozer – Rear Stabilizer – Stabilized	*6700	*6700	*6700	*5550	*5550	*5550	*4000	*4000	3700	*3150	*3150	*3150	
	Front Stabilizer – Rear Stabilizer – Stabilized	*6700	*6700	*6700	*5550	*5550	*5550	*4000	*4000	*4000	*3150	*3150	*3150	

*Limited by hydraulic rather than tipping load.

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

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

Lift Capacities – Variable Adjustable Boom 7'3" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 8,820 lb, heavy lift function on.

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

	Undercarriage configuration	10 ft			15 ft			20 ft						ft
														
25 ft	Free on Wheels										*8,400	*8,400	*8,400	14.34
	Front Empty – Rear Dozer – Stabilized										*8,400	*8,400	*8,400	
	Front Dozer – Rear Stabilizer – Stabilized										*8,400	*8,400	*8,400	
	Front Stabilizer – Rear Stabilizer – Stabilized										*8,400	*8,400	*8,400	
20 ft	Free on Wheels				*10,400	9,200	8,200				*6,800	5,700	5,200	19.65
	Front Empty – Rear Dozer – Stabilized				*10,400	*10,400	9,200				*6,800	*6,800	5,800	
	Front Dozer – Rear Stabilizer – Stabilized				*10,400	*10,400	*10,400				*6,800	*6,800	*6,800	
	Front Stabilizer – Rear Stabilizer – Stabilized				*10,400	*10,400	*10,400				*6,800	*6,800	*6,800	
15 ft	Free on Wheels				*11,300	8,800	7,900	8,400	5,600	5,000	*6,300	4,500	4,000	22.60
	Front Empty – Rear Dozer – Stabilized				*11,300	*11,300	8,900	8,400	*9,400	5,600	*6,300	*6,300	4,500	
	Front Dozer – Rear Stabilizer – Stabilized				*11,300	*11,300	*11,300	*9,400	*9,400	8,700	*6,300	*6,300	*6,300	
	Front Stabilizer – Rear Stabilizer – Stabilized				*11,300	*11,300	*11,300	*9,400	*9,400	*9,400	*6,300	*6,300	*6,300	
10 ft	Free on Wheels				12,700	8,100	7,200	8,200	5,300	4,800	6,100	3,900	3,500	24.15
	Front Empty – Rear Dozer – Stabilized				12,600	*13,100	8,200	8,100	*9,900	5,400	6,000	*6,300	4,000	
	Front Dozer – Rear Stabilizer – Stabilized				*13,100	*13,100	*13,100	*9,900	*9,900	8,500	*6,300	*6,300	*6,300	
	Front Stabilizer – Rear Stabilizer – Stabilized				*13,100	*13,100	*13,100	*9,900	*9,900	*9,900	*6,300	*6,300	*6,300	
5 ft	Free on Wheels				12,000	7,500	6,600	7,900	5,000	4,500	5,800	3,700	3,300	24.54
	Front Empty – Rear Dozer – Stabilized				11,900	*14,300	7,600	7,800	*10,400	5,100	5,800	*6,600	3,800	
	Front Dozer – Rear Stabilizer – Stabilized				*14,300	*14,300	12,500	*10,400	*10,400	8,200	*6,600	*6,600	6,100	
	Front Stabilizer – Rear Stabilizer – Stabilized				*14,300	*14,300	*14,300	*10,400	*10,400	9,900	*6,600	*6,600	*6,600	
0 ft	Free on Wheels				11,600	7,200	6,300	7,700	4,800	4,300	6,000	3,800	3,400	23.85
	Front Empty – Rear Dozer – Stabilized				11,600	*13,900	7,300	7,600	*10,100	4,900	6,000	*7,300	3,900	
	Front Dozer – Rear Stabilizer – Stabilized				*13,900	*13,900	12,100	*10,100	*10,100	8,000	*7,300	*7,300	6,300	
	Front Stabilizer – Rear Stabilizer – Stabilized				*13,900	*13,900	*13,900	*10,100	*10,100	9,700	*7,300	*7,300	*7,300	
–5 ft	Free on Wheels	*15,400	13,300	11,500	11,600	7,100	6,300	7,600	4,800	4,300	6,800	4,300	3,800	21.95
	Front Empty – Rear Dozer – Stabilized	*15,400	*15,400	13,400	11,500	*12,000	7,200	7,600	*8,600	4,900	6,700	*7,000	4,400	
	Front Dozer – Rear Stabilizer – Stabilized	*15,400	*15,400	*15,400	*12,000	*12,000	*12,000	*8,600	*8,600	7,900	*7,000	*7,000	*7,000	
	Front Stabilizer – Rear Stabilizer – Stabilized	*15,400	*15,400	*15,400	*12,000	*12,000	*12,000	*8,600	*8,600	*8,600	*7,000	*7,000	*7,000	

*Limited by hydraulic rather than tipping load.

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

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

M315 Wheel Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2.5 m Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4000 kg, heavy lift function on.

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

	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm						mm
9000 mm	Free on Wheels													*5900	*5900	*5900	1780
	Front Empty – Rear Dozer – Stabilized													*5900	*5900	*5900	
	Front Dozer – Rear Stabilizer – Stabilized													*5900	*5900	*5900	
	Front Stabilizer – Rear Stabilizer – Stabilized													*5900	*5900	*5900	
7500 mm	Free on Wheels				*4100	*4100	3850							*3100	*3100	*3100	5010
	Front Empty – Rear Dozer – Stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
	Front Dozer – Rear Stabilizer – Stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
	Front Stabilizer – Rear Stabilizer – Stabilized				*4100	*4100	*4100							*3100	*3100	*3100	
6000 mm	Free on Wheels				*4150	*4150	3900	*3750	2650	2400				*2650	2350	2100	6420
	Front Empty – Rear Dozer – Stabilized				*4150	*4150	*4150	*3750	*3750	2700				*2650	*2650	2400	
	Front Dozer – Rear Stabilizer – Stabilized				*4150	*4150	*4150	*3750	*3750	*3750				*2650	*2650	*2650	
	Front Stabilizer – Rear Stabilizer – Stabilized				*4150	*4150	*4150	*3750	*3750	*3750				*2650	*2650	*2650	
4500 mm	Free on Wheels				*4750	4150	3750	3950	2650	2350				*2500	1900	1700	7240
	Front Empty – Rear Dozer – Stabilized				*4750	*4750	4200	3950	*4200	2650				*2500	*2500	1950	
	Front Dozer – Rear Stabilizer – Stabilized				*4750	*4750	*4750	*4200	*4200	4100				*2500	*2500	*2500	
	Front Stabilizer – Rear Stabilizer – Stabilized				*4750	*4750	*4750	*4200	*4200	*4200				*2500	*2500	*2500	
3000 mm	Free on Wheels				*5900	3850	3450	3850	2500	2250	2700	1750	1550	*2450	1700	1500	7660
	Front Empty – Rear Dozer – Stabilized				*5900	*5900	3900	3800	*4500	2550	2700	*3300	1800	*2450	*2450	1700	
	Front Dozer – Rear Stabilizer – Stabilized				*5900	*5900	*5900	*4500	*4500	3950	*3300	*3300	2800	*2450	*2450	*2450	
	Front Stabilizer – Rear Stabilizer – Stabilized				*5900	*5900	*5900	*4500	*4500	*4500	*3300	*3300	*3300	*2450	*2450	*2450	
1500 mm	Free on Wheels				5600	3550	3150	3700	2350	2100	2650	1700	1500	2500	1600	1450	7760
	Front Empty – Rear Dozer – Stabilized				5600	*6550	3600	3650	*4750	2400	2650	*3750	1750	2500	*2600	1650	
	Front Dozer – Rear Stabilizer – Stabilized				*6550	*6550	5850	*4750	*4750	3800	*3750	*3750	2750	*2600	*2600	*2600	
	Front Stabilizer – Rear Stabilizer – Stabilized				*6550	*6550	*6550	*4750	*4750	4650	*3750	*3750	3350	*2600	*2600	*2600	
0 mm	Free on Wheels				5450	3350	2950	3550	2250	2000	2600	1650	1500	2600	1650	1450	7560
	Front Empty – Rear Dozer – Stabilized				5400	*6550	3400	3550	*4750	2300	2600	*3350	1700	2600	*2850	1700	
	Front Dozer – Rear Stabilizer – Stabilized				*6550	*6550	5650	*4750	*4750	3700	*3350	*3350	2700	*2850	*2850	2700	
	Front Stabilizer – Rear Stabilizer – Stabilized				*6550	*6550	*6550	*4750	*4750	4500	*3350	*3350	3300	*2850	*2850	*2850	
–1500 mm	Free on Wheels	*6350	6200	5300	5400	3300	2950	3550	2250	2000				2850	1850	1650	7020
	Front Empty – Rear Dozer – Stabilized	*6350	*6350	6250	5350	*5850	3350	3550	*4250	2300				2850	*3100	1850	
	Front Dozer – Rear Stabilizer – Stabilized	*6350	*6350	*6350	*5850	*5850	5600	*4250	*4250	3700				*3100	*3100	3000	
	Front Stabilizer – Rear Stabilizer – Stabilized	*6350	*6350	*6350	*5850	*5850	*5850	*4250	*4250	*4250				*3100	*3100	*3100	
–3000 mm	Free on Wheels				*4300	3400	3000										
	Front Empty – Rear Dozer – Stabilized				*4300	*4300	3450										
	Front Dozer – Rear Stabilizer – Stabilized				*4300	*4300	*4300										
	Front Stabilizer – Rear Stabilizer – Stabilized				*4300	*4300	*4300										

*Limited by hydraulic rather than tipping load.

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

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

Lift Capacities – Variable Adjustable Boom 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 8,820 lb, heavy lift function on.

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

	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft						ft
25 ft	Free on Wheels				*8,600	*8,600	8,200							*7,000	*7,000	*7,000	15.94
	Front Empty – Rear Dozer – Stabilized				*8,600	*8,600	*8,600							*7,000	*7,000	*7,000	
	Front Dozer – Rear Stabilizer – Stabilized				*8,600	*8,600	*8,600							*7,000	*7,000	*7,000	
	Front Stabilizer – Rear Stabilizer – Stabilized				*8,600	*8,600	*8,600							*7,000	*7,000	*7,000	
20 ft	Free on Wheels				*9,200	*9,200	8,400	*7,700	5,700	5,200				*5,900	5,300	4,800	20.83
	Front Empty – Rear Dozer – Stabilized				*9,200	*9,200	*9,200	*7,700	*7,700	5,800				*5,900	*5,900	5,400	
	Front Dozer – Rear Stabilizer – Stabilized				*9,200	*9,200	*9,200	*7,700	*7,700	*7,700				*5,900	*5,900	*5,900	
	Front Stabilizer – Rear Stabilizer – Stabilized				*9,200	*9,200	*9,200	*7,700	*7,700	*7,700				*5,900	*5,900	*5,900	
15 ft	Free on Wheels				*10,300	8,900	8,000	8,500	5,700	5,100				*5,500	4,200	3,800	23.65
	Front Empty – Rear Dozer – Stabilized				*10,300	*10,300	9,000	8,500	*9,100	5,700				*5,500	*5,500	4,300	
	Front Dozer – Rear Stabilizer – Stabilized				*10,300	*10,300	*10,300	*9,100	*9,100	8,800				*5,500	*5,500	*5,500	
	Front Stabilizer – Rear Stabilizer – Stabilized				*10,300	*10,300	*10,300	*9,100	*9,100	*9,100				*5,500	*5,500	*5,500	
10 ft	Free on Wheels				*12,700	8,300	7,400	8,200	5,400	4,800	5,800	3,800	3,400	*5,400	3,700	3,300	25.10
	Front Empty – Rear Dozer – Stabilized				*12,700	*12,700	8,400	8,200	*9,800	5,500	5,800	*5,900	3,800	*5,400	*5,400	3,800	
	Front Dozer – Rear Stabilizer – Stabilized				*12,700	*12,700	*12,700	*9,800	*9,800	8,600	*5,900	*5,900	*5,900	*5,400	*5,400	*5,400	
	Front Stabilizer – Rear Stabilizer – Stabilized				*12,700	*12,700	*12,700	*9,800	*9,800	*9,800	*5,900	*5,900	*5,900	*5,400	*5,400	*5,400	
5 ft	Free on Wheels				12,100	7,600	6,800	7,900	5,100	4,600	5,700	3,700	3,300	5,600	3,600	3,200	25.49
	Front Empty – Rear Dozer – Stabilized				12,100	*14,200	7,700	7,900	*10,300	5,200	5,700	*7,700	3,700	5,500	*5,700	3,600	
	Front Dozer – Rear Stabilizer – Stabilized				*14,200	*14,200	12,600	*10,300	*10,300	8,200	*7,700	*7,700	5,900	*5,700	*5,700	*5,700	
	Front Stabilizer – Rear Stabilizer – Stabilized				*14,200	*14,200	*14,200	*10,300	*10,300	10,000	*7,700	*7,700	7,200	*5,700	*5,700	*5,700	
0 ft	Free on Wheels				11,700	7,300	6,400	7,700	4,900	4,400				5,700	3,600	3,200	24.80
	Front Empty – Rear Dozer – Stabilized				11,600	*14,200	7,400	7,700	*10,300	5,000				5,700	*6,200	3,700	
	Front Dozer – Rear Stabilizer – Stabilized				*14,200	*14,200	12,200	*10,300	*10,300	8,000				*6,200	*6,200	5,900	
	Front Stabilizer – Rear Stabilizer – Stabilized				*14,200	*14,200	*14,200	*10,300	*10,300	9,700				*6,200	*6,200	*6,200	
–5 ft	Free on Wheels	*14,500	13,300	11,400	11,600	7,200	6,300	7,600	4,800	4,300				6,300	4,000	3,600	23.00
	Front Empty – Rear Dozer – Stabilized	*14,500	*14,500	13,400	11,500	*12,600	7,300	7,600	*9,100	4,900				6,300	*6,900	4,100	
	Front Dozer – Rear Stabilizer – Stabilized	*14,500	*14,500	*14,500	*12,600	*12,600	12,100	*9,100	*9,100	7,900				*6,900	*6,900	6,600	
	Front Stabilizer – Rear Stabilizer – Stabilized	*14,500	*14,500	*14,500	*12,600	*12,600	*12,600	*9,100	*9,100	*9,100				*6,900	*6,900	*6,900	
–10 ft	Free on Wheels				*9,200	7,300	6,500										
	Front Empty – Rear Dozer – Stabilized				*9,200	*9,200	7,400										
	Front Dozer – Rear Stabilizer – Stabilized				*9,200	*9,200	*9,200										
	Front Stabilizer – Rear Stabilizer – Stabilized				*9,200	*9,200	*9,200										

*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 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe

Contact your Cat dealer for special bucket requirements.

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Variable Adjustable Boom 2.2 m (7'3") Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	2.5 m (8'2") Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
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	1510	1758	2824	2941	3602	1437	1671	2680	2789	3411
								lb	3,330	3,875	6,227	6,484	7,940	3,168	3,684	5,909	6,149	7,519

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Variable Adjustable Boom 2.2 m (7'3") Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	2.5 m (8'2") Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
With Cat Pin Grabber 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	⊖	◉	●	●	●	⊖	◉	●	●	●
Maximum load with coupler (payload + bucket)								kg	1311	1558	2625	2741	3402	1237	1471	2481	2590	3211
								lb	2,890	3,434	5,787	6,044	7,500	2,727	3,243	5,469	5,709	7,079

Maximum Material Density:

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

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

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

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Adjustable Boom									
With CW-20 Coupler									2.2 m (7'3")					2.5 m (8'2")				
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	○	⊖	●	●	●	◇	⊖	●	●	●
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	790	31	0.47	0.61	452	997	100	◉	●	●	●	●	⊖	●	●	●	●
	CW20	996	39	0.63	0.83	515	1,135	100	○	⊖	●	●	●	◇	⊖	●	●	●
	CW20	1184	47	0.80	1.05	601	1,324	100	◇	○	●	●	●	X	◇	●	●	●
Ditch Cleaning	CW20	1800	72	0.68	0.89	516	1,138	100	○	⊖	●	●	●	◇	○	●	●	●
	CW20	1800	72	0.90	1.18	554	1,221	100	X	◇	●	●	●	X	◇	●	●	●
Maximum load with coupler (payload + bucket)								kg	1305	1553	2619	2736	3397	1232	1466	2475	2584	3206
								lb	2,878	3,423	5,775	6,032	7,488	2,716	3,232	5,457	5,697	7,067

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Adjustable Boom									
With CW-20S Coupler									2.2 m (7'3")					2.5 m (8'2")				
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	○	⊖	●	●	●	◇	⊖	●	●	●
	CW20S	1200	48	0.76	1.00	516	1,137	100	◇	○	●	●	●	◇	○	●	●	●
Heavy Duty	CW20S	500	20	0.24	0.31	321	708	100	●	●	●	●	●	●	●	●	●	●
	CW20S	1200	48	0.76	1.00	526	1,160	100	◇	○	●	●	●	◇	○	●	●	●
Ditch Cleaning	CW20S	1800	72	0.68	0.89	457	1,008	100	○	⊖	●	●	●	○	⊖	●	●	●
Ditch Cleaning Tilt	CW20S	1800	72	0.60	0.78	732	1,614	100	◇	○	●	●	●	◇	○	●	●	●
Maximum load with coupler (payload + bucket)								kg	1327	1575	2641	2758	3419	1254	1488	2497	2606	3228
								lb	2,927	3,471	5,823	6,081	7,537	2,764	3,280	5,506	5,746	7,116

Maximum Material Density:

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

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

Capacity based on ISO 7451:2007.

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

(continued on next page)

M315 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Angle Boom									
Pin-On, TRS12 S60									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	◇	⊖	●	●	●	◇	⊖	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	○	●	●	●	X	◇	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	◉	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	997	1245	2311	2428	3089	924	1158	2167	2276	2898
								lb	2,199	2,744	5,096	5,353	6,809	2,037	2,553	4,778	5,018	6,388

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Angle Boom									
Pin-On, TRS12 S60 (no hook)									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	○	⊖	●	●	●	◇	⊖	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	◇	○	●	●	●	X	◇	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	●	●	●	●	●	◉	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1003	1251	2317	2434	3095	930	1164	2173	2282	2904
								lb	2,212	2,757	5,109	5,366	6,822	2,050	2,566	4,791	5,032	6,401

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Angle Boom									
S60, TRS12 S60									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	X	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	◇	○	●	●	●	X	○	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	◇	●	●	●	X	◇	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	X	●	●	●	X	X	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	●	⊖	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	862	1110	2176	2293	2954	789	1023	2032	2141	2763
								lb	1,901	2,446	4,798	5,055	6,511	1,739	2,255	4,480	4,721	6,091

Maximum Material Density:

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

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

Capacity based on ISO 7451:2007.

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

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Angle Boom									
S60, TRS12 S60 - GM									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	X	●	●	●	X	X	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	X	○	●	●	●	X	◇	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	◇	●	●	●	X	X	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	X	●	●	●	X	X	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	○	●	●	●	●	○	⦿	●	●	●
Maximum load with pin-on (payload + bucket)								kg	758	1006	2072	2189	2850	685	919	1928	2037	2659
								lb	1,672	2,217	4,569	4,826	6,282	1,510	2,026	4,251	4,491	5,861
									Variable Angle Boom									
Pin-On, TRS12 HCS60									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	◇	⊖	●	●	●	◇	○	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	○	●	●	●	X	◇	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	◇	●	●	●	X	◇	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	⦿	●	●	●	●	⦿	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	977	1225	2291	2408	3069	904	1138	2147	2256	2878
								lb	2,155	2,700	5,052	5,309	6,765	1,993	2,509	4,734	4,974	6,344
									Variable Angle Boom									
HCS60, TRS12 HCS60									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	X	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	X	○	●	●	●	X	◇	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	◇	●	●	●	X	X	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	X	●	●	●	X	X	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	●	○	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	831	1079	2145	2262	2923	758	992	2001	2110	2732
								lb	1,833	2,378	4,730	4,987	6,443	1,671	2,187	4,412	4,652	6,022

Maximum Material Density:

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

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

Capacity based on ISO 7451:2007.

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

(continued on next page)

M315 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Linkage	Width		Capacity		Weight		Fill	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
		mm	in	m^3	yd^3	kg	lb	%	Variable Angle Boom									
HCS60, TRS12 S60									2.2 m (7'3")					2.5 m (8'2")				
General Duty – Grading	312	1500	59	0.65	0.85	514	1,133	100	X	◇	●	●	●	X	X	●	●	●
General Duty – Digging	312	980	39	0.50	0.65	431	950	100	X	○	●	●	●	X	○	●	●	●
	312	980	39	0.60	0.78	490	1,080	100	X	◇	●	●	●	X	◇	●	●	●
	312	1100	43	0.70	0.92	521	1,149	100	X	X	●	●	●	X	X	●	●	●
General Duty – Trenching	312	540	20	0.35	0.46	283	624	100	⊖	●	●	●	●	○	●	●	●	●
Maximum load with pin-on (payload + bucket)								kg	851	1099	2165	2282	2943	778	1012	2021	2130	2752
								lb	1,877	2,422	4,774	5,031	6,487	1,715	2,231	4,456	4,696	6,066

Maximum Material Density:

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

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

Capacity based on ISO 7451:2007.

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Bucket Specifications and Compatibility – North America

Contact your Cat dealer for special bucket requirements.

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Adjustable Boom									
Pin-On (No Quick Coupler)									2.2 m (7'3")					2.5 m (8'2")				
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	⊖	◉	●	●	●	⊖	◉	●	●	●
	312	1200	48	0.76	1.00	508	1,119	100	○	⊖	●	●	●	○	⊖	●	●	●
General Duty – Wide Tip	312	450	18	0.27	0.36	317	700	100	●	●	●	●	●	○	⊖	●	●	●
	312	600	24	0.41	0.53	372	821	100	●	●	●	●	●	●	●	●	●	●
	312	900	36	0.71	0.92	478	1,053	100	⊖	◉	●	●	●	○	⊖	●	●	●
	312	1050	42	0.86	1.13	530	1,168	100	○	⊖	●	●	●	◇	○	●	●	●
Severe Duty	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	495	1,091	90	●	●	●	●	●	◉	●	●	●	●
	312	1050	42	0.65	0.84	541	1,192	90	⊖	●	●	●	●	⊖	◉	●	●	●
Ditch Cleaning	312	1200	48	0.57	0.74	388	855	100	◉	●	●	●	●	◉	●	●	●	●
	312	1500	60	0.74	0.97	455	1,003	100	⊖	◉	●	●	●	○	⊖	●	●	●
Ditch Cleaning Tilt	312	1200	48	0.48	0.63	563	1,240	100	◉	●	●	●	●	◉	●	●	●	●
	312	1500	60	0.57	0.75	646	1,424	100	⊖	◉	●	●	●	○	◉	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1510	1758	2824	2941	3602	1437	1671	2680	2789	3411
								lb	3,330	3,875	6,227	6,484	7,940	3,168	3,684	5,909	6,149	7,519

	Linkage	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
									Variable Adjustable Boom									
With Cat Pin Grabber Coupler									2.2 m (7'3")					2.5 m (8'2")				
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	○	⊖	●	●	●	○	⊖	●	●	●
	312	1200	48	0.76	1.00	508	1,119	100	◇	○	●	●	●	◇	○	●	●	●
General Duty – Wide Tip	312	450	18	0.27	0.36	317	700	100	●	●	●	●	●	●	●	●	●	●
	312	600	24	0.41	0.53	372	821	100	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.55	0.72	425	936	100	⊖	●	●	●	●	⊖	◉	●	●	●
	312	900	36	0.71	0.92	478	1,053	100	○	⊖	●	●	●	◇	○	●	●	●
	312	1050	42	0.86	1.13	530	1,168	100	◇	○	●	●	●	X	◇	●	●	●
Severe Duty	312	600	24	0.31	0.40	374	825	90	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	434	957	90	●	●	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	495	1,091	90	◉	●	●	●	●	⊖	●	●	●	●
	312	1050	42	0.65	0.84	541	1,192	90	○	◉	●	●	●	○	⊖	●	●	●
Ditch Cleaning	312	1200	48	0.57	0.74	388	855	100	⊖	●	●	●	●	⊖	◉	●	●	●
	312	1500	60	0.74	0.97	455	1,003	100	○	⊖	●	●	●	◇	○	●	●	●
Ditch Cleaning Tilt	312	1200	48	0.48	0.63	563	1,240	100	⊖	●	●	●	●	○	◉	●	●	●
	312	1500	60	0.57	0.75	646	1,424	100	○	⊖	●	●	●	◇	⊖	●	●	●
Maximum load with coupler (payload + bucket)								kg	1311	1558	2625	2741	3402	1237	1471	2481	2590	3211
								lb	2,890	3,434	5,787	6,044	7,500	2,727	3,243	5,469	5,709	7,079

Maximum Material Density:

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

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

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

M315 Wheel Excavator Specifications

Bucket Specifications and Compatibility – Australia New Zealand

Contact your Cat dealer for special bucket requirements.

		Width		Capacity		Weight		Fill	Variable Adjustable Boom									
									2.2 m (7'3")					2.5 m (8'2")				
	Linkage	mm	in	m^3	yd^3	kg	lb	%	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized	Free on wheels	Rear dozer (blade) lowered	Front stabilizer (outrigger) and rear dozer (blade) lowered	Front dozer (blade) and rear stabilizer (outrigger) lowered	Fully stabilized
Pin-On (No Quick Coupler)																		
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	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	●	●	●	●	●	◉	●	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	◉	●	●	●	●	◉	●	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	⊖	◉	●	●	●	⊖	◉	●	●	●
Ditch Cleaning Tilt	312	1500	60	0.74	0.98	704	1,553	100	◇	○	●	●	●	◇	○	●	●	●
	312	1800	72	0.90	1.18	784	1,728	100	X	◇	●	●	●	X	◇	●	●	●
Maximum load with pin-on (payload + bucket)								kg	1510	1758	2824	2941	3602	1437	1671	2680	2789	3411
								lb	3,330	3,875	6,227	6,484	7,940	3,168	3,684	5,909	6,149	7,519

									Variable Adjustable Boom									
With Cat Pin Grabber Coupler									2.2 m (7'3")					2.5 m (8'2")				
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	600	24	0.31	0.40	310	684	100	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	358	790	100	●	●	●	●	●	●	●	●	●	●
	312	750	30	0.41	0.54	413	911	100	●	●	●	●	●	●	●	●	●	●
	312	900	36	0.53	0.69	426	939	100	⊖	●	●	●	●	⊖	◉	●	●	●
	312	900	36	0.53	0.69	454	1,001	100	⊖	●	●	●	●	⊖	◉	●	●	●
	312	1050	42	0.65	0.84	479	1,055	100	○	⊖	●	●	●	○	⊖	●	●	●
Ditch Cleaning Tilt	312	1500	60	0.74	0.98	704	1,553	100	X	○	●	●	●	X	◇	●	●	●
	312	1800	72	0.90	1.18	784	1,728	100	X	◇	●	●	●	X	X	◉	●	●
Maximum load with coupler (payload + bucket)								kg	1311	1558	2625	2741	3402	1237	1471	2481	2590	3211
								lb	2,890	3,434	5,787	6,044	7,500	2,727	3,243	5,469	5,709	7,079

Maximum Material Density:

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

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

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Attachments Offering Guide – North 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)

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM2615	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●		
	GSH420-600	●	●	●	●	●	●		
	GSH420-750	●	○	●	○	●	○		
	GSH520-500	●	●	●	●	●	●		
	GSH520-600	●	○	●	○	●	○		
	GSH520-750	○	○	○	○	○	○		

CAT PIN GRABBER COUPLER ATTACHMENTS

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

(continued on next page)

Attachments Offering Guide – North America *(continued)*

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

✓ Match ☐ No Match

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS65 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

Attachments Offering Guide – Europe

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

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

PIN-ON ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓
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	●	○	●	○	●	○		

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

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✓ Match ☐ No Match

CW-20s DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

CW-20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCCW20 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Compactors (Vibratory Plate)	CVP75	✓		✓		✓		✓	
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

S60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

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

✓ Match ☐ No Match

HCS60 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

HCS65 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Front Blade; Rear Outriggers		Front Outriggers; Rear Blade		Front and Rear Outriggers		Rear Blade	
Boom Type		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom		Variable Adjustable Boom	
Stick Length		2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")	2.20 m (7'3")	2.50 m (8'2")
Hydraulic Hammers	H110 S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
Rotary Cutters	RC10	✓	✓	✓	✓	✓	✓	✓	✓

Attachments Offering Guide – Australia New Zealand

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

✓ Match No Match

PIN-ON ATTACHMENTS

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

CAT PIN GRABBER COUPLER ATTACHMENTS

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

Standard and Optional Equipment

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

	Standard	Optional
BOOM, STICKS, AND LINKAGES		
5.02 m (16'6") Variable Adjustable boom	✓	
2.2 m (7'3") stick		✓
2.5 m (8'2") stick		✓
Bucket linkage, 312-family with lifting eye		✓
Bucket linkage, 312-family without lifting eye		✓
ELECTRICAL SYSTEM		
LED lights on boom and cab	✓	
LED lights on chassis (left-hand, right-hand) and counterweight	✓	
Programmable time-delay LED working lights	✓	
Roading and indicator lights, front and rear	✓	
Maintenance-free batteries	✓	
Centralized electrical disconnect switch	✓	
Electrical refueling pump		✓
ENGINE		
Cat® C4.4 diesel engine	✓	
Power mode selector	✓	
One-touch low idle with automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Work up to 3000 m (9,840 ft) altitude capability 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	✓	
Biodiesel capability up to B20	✓	

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

(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
SAFETY AND SECURITY		
Rear and right-side-view cameras	✓	
360° visibility		✓
Wide angle mirrors	✓	
Heated and remotely adjustable mirrors		✓
Travel alarm		✓
Signal/warning horn		✓
Rotating beacon on cab and chassis		✓
Neutral lever (lock out) for all controls	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Lockable disconnect switch	✓	
Bluetooth® receiver	✓	
Anti-skid plate and countersunk bolts on service platform	✓	
Inspection lighting		✓
2D E-Fence		✓
Beacon flash function with E-fence		✓[1]
Cab Avoidance		✓
SERVICE AND MAINTENANCE		
Scheduled Oil Sampling (S·O·S℠) ports	✓	
Automatic lubrication system for implement and swing system		✓
Integrated vehicle health management system	✓	
TECHNOLOGY		
Cat Equipment Management:		
– VisionLink™	✓[2]	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
Cat Grade:		
– Cat Grade with 2D		✓
– Cat Grade with 2D with Attachment Ready Option (ARO)		✓
– Laser catcher		✓
– Compatible with 3D grade systems from Trimble, Topcon, and Leica		✓
– Cat Grade 3D Ready		✓
– Cat Grade Connectivity		✓[3]
Cat Assist:		
– Grade Assist		✓
Cat Payload:		
– On-the-go weighing		✓
– Payload/cycle information		✓
– VisionLink back office reporting		✓[3]
Other:		
Cat Tiltrotator (TRS) integration		✓

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
All-wheel drive	✓	
Automatic brake/axle lock	✓	
Creeper speed	✓	
Electronic swing and travel lock	✓	
Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Oscillating front axle, lockable, with remote greasing point	✓	
10.00-20 16 PR, dual tires		✓
315/70R22.5, no gap dual tires		✓
445/70R 19.5, single tires		✓
300-80-22.5 dual pneumatic, spacerless tire		✓[4]
Steps with tool box in undercarriage (left and right)	✓	
Two-piece drive shaft	✓	
Two-speed hydrostatic transmission	✓	
Rear blade (radial) undercarriage		✓
Rear blade (radial), HCS undercarriage		✓
Rear blade undercarriage		✓
Rear blade, trailer undercarriage		✓
Rear blade (radial)/front outrigger undercarriage		✓
Rear blade/front outrigger undercarriage		✓
Rear outrigger/front blade (radial) undercarriage		✓
Rear outrigger/front blade undercarriage		✓
Rear outrigger/front outrigger undercarriage		✓
Fenders, front and rear, synthetic		✓
Travel restraint bracket for grapple/clamshell		✓
4000 kg (8,820 lb) counterweight	✓	

[1]UK only.

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

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

[4]Available in Europe only.

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth key fob

GUARDS

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

M315 Cab Options

Cab Options

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

*Europe and Aus-NZ only

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

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

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

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

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

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.
  - If equipped with R134a (Global Warming Potential = 1430), the system contains 0.8 kg (1.8 lb) of refrigerant which has a CO_2 equivalent of 1.144 metric tonnes (1.261 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 0.7 kg (1.5 lb) of refrigerant which has a CO_2 equivalent of 0.0004 metric tonnes (0.0004 tons).

Paint

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

Sound Performance

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

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

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 help balance power and efficiency
  - The latest hydraulic oil filter provides long life with a 3,000-hour replacement interval
  - Eco mode supports reduced fuel consumption for light applications
  - One-touch low idle with automatic engine speed control
  - Boost productivity and increase operating efficiency with optional Cat technologies
  - Remote Flash and Remote Troubleshoot

Recycling

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

Material Type	Weight Percentage
Steel	47.92%
Iron	37.82%
Nonferrous Metal	2.64%
Rubber	2.41%
Fluid	2.32%
Uncategorized	2.05%
Other	1.86%
Plastic	1.29%
Mixed-Metal and Nonmetal	1.00%
Mixed Metal	0.66%
Mixed Nonmetallic	0.01%
Total	100%

- A machine with higher recyclability rate will ensure more efficient usage of valuable natural resources and enhance End-of-Life value of the product. According to ISO 16714:2008 (Earthmoving machinery – Recyclability and recoverability –Terminology and calculation method), recyclability rate is defined as percentage by mass (mass fraction in percent) of the new machine potentially able to be recycled, reused, or both.

  All parts in the bill of material are first evaluated by component type based on a list of components defined by the ISO 16714:2008 and Japan CEMA (Construction Equipment Manufacturers Association) standards. Remaining parts are further evaluated for recyclability based on material type.

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

Recyclability – 95%

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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