

Cat[®] **415 IL**

INDUSTRIAL LOADER

The Cat® 415 IL Industrial Loader delivers great performance, improved fuel efficiency, and a superior hydraulic system. The 415 IL features the following:

- Ergonomic Operator Station Ample legroom inside the cab makes rotating the seat simple. The Adjustable Mechanical Suspension seat provides comfort to the operator while roading.
- Complete Machine Control The Cat Industrial Loader offers dual differential lock control. In adverse conditions, the operator has the option of engaging the differential lock from the floor mounted pedal or by using the push button on the loader joystick.
- Superior Blade Controls The Cat Industrial Loader offers finger lever pilot controls that require less operator effort. The 415 IL comes standard with a five function hydraulic valve for increased versatility.
- Machine Performance The proven Cat C3.6 engine delivers solid performance, meets U.S. EPA Tier 4 Final/EU Stage V emission standards, and requires no diesel exhaust fluid (DEF).
- Machine Versatility The all new Integrated Tool Carrier (IT Coupler) for Single Tilt Loader Arm configurations are available from the factory or for simple field installation. The Cat Industrial Loader with Integrated Tool Carrier (IT Coupler) will be the most versatile machine on the job site providing quick connection to a variety of Cat Attachments.
- Cat Attachments A large portfolio of Attachments, including but not limited to assorted Buckets, Brooms, Snow Pushes and Brooms are for field installation.

Specifications

Engine Model	Cat C3.6	
Gross Power		
SAE J1995	56 kW	75 hp
ISO 14396	55 kW	74 hp
Rated Net Power @ 2,200 rpm		
SAE J1349	52 kW	69 hp
ISO 9249	51 kW	69 hp
Net Peak Power @ 2,200 rpm		
SAE J1349	52 kW	69 hp
ISO 9249	51 kW	69 hp
Bore	98 mm	3.86 in
Stroke	120 mm	4.72 in
Displacement	3.6 L	220 in ³
Net Torque Rise @ 1,200 rpm	86%	
Net Peak Torque SAE J1349	418 N⋅m	308 lbf-ft

- Engine meets U.S. EPA Tier 4 Final emission standards.
- No derating required up to 2286 m (7,500 ft).

Weights*

Operating Weight		
Minimum	6366 kg	14,035 lb
Maximum (Rollover Protective Structure [ROPS] Capacity)	8000 kg	17,637 lb
Cab, ROPS/Falling Object Protective Structure (FOPS)	163 kg	359 lb
Air Conditioning	46 kg	101 lb
Multi Purpose (MP) Bucket (0.96 m ³ /1.25 yd ³)		
With Fold-over Forks	915 kg	2,017 lb
Without Fold-over Forks	745 kg	1,642 lb
Front Counterweight		
Counterweights (Option 1)	115 kg	255 lb
Counterweights (Option 2)	240 kg	530 lb
Counterweights (Option 3)	460 kg	1,015 lb
Rear Counterweight	90 kg	198 lb

^{*}Specifications shown are for machine equipped with 0.76 m³ (1.0 yd³) general purpose (GP) loader bucket, 115 kg (255 lb) front counterweight, 80 kg (176 lb) operator, all wheel drive and full fuel tank.



Transmission

	Power Shu Standard	ıttle Transmission	Power Shif Optional	t Transmission
Forward – 1st	5.4 km/h	3.4 mph	5.8 km/h	3.6 mph
2nd	8.9 km/h	5.5 mph	9.3 km/h	5.8 mph
3rd	20 km/h	13 mph	19 km/h	12 mph
4th	36 km/h	23 mph	39 km/h	24 mph
Reverse – 1st	5.4 km/h	3.4 mph	5.8 km/h	3.6 mph
2nd	8.9 km/h	5.5 mph	12.2 km/h	7.6 mph
3rd	20 km/h	13 mph	27 km/h	16 mph
4th	36 km/h	23 mph		

Axle Ratings

12 000 kg	26,455 lb
6000 kg	13,228 lb
22 964 kg	50,582 lb
9186 kg	20,233 lb
	6000 kg 22 964 kg

Hydraulic System

T	0110	
Туре	Closed Center	
Pump Type	Variable Flow,	Axial Piston
Pump Capacity @ 2,200 rpm	125 L/min	33.0 gal/min
System Pressure – Hitch/Box Scraper	20 500 kPa	2,973 psi
System Pressure – Loader	20 500 kPa	2,973 psi

Steering

Steering		
Туре	Front Whee	el
Power Steering	Hydrostatio	;
Bore	65 mm	2.6 in
Stroke	106 mm	4.2 in
Rod Diameter	40 mm	1.6 in
Axle Oscillation	11°	
Turning Circle – Two Wheel Drive (2WD)/	4WD (inner whe	el not braked)
Outside, Front Wheels	8.18 m	26'10"
Outside, Widest Loading Bucket	10.97 m	36'0"

Service Refill Capacities

Cooling System with Air Conditioning	16.5 L	4.4 gal
Fuel Tank	160 L	42 gal
Engine Oil with Filter	8.8 L	2.3 gal
Transmission – Power Shuttle		
2WD	15 L	4.0 gal
4WD	15 L	4.0 gal
Rear Axle	16.5 L	4.4 gal
Planetaries	1.7 L	0.4 gal
Front Axle (4WD)	11.0 L	2.9 gal
Planetaries	0.7 L	0.2 gal
Hydraulic System	90.0 L	23.8 gal
Hydraulic Tank	40 L	10.6 gal

• Requires ultra-low sulfur fuel </= 15 ppm fuel sulfur

Tires

Standard configuration of front/rear tires:

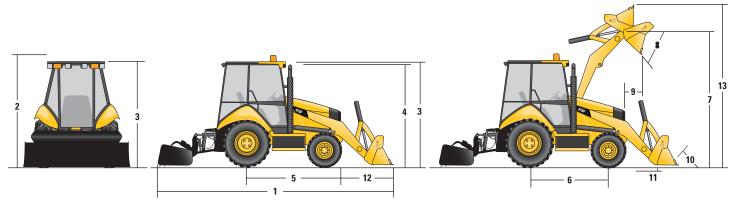
• Front: 12.5 80/16.9; Rear: 16.9-24

Counterweights – Front

(minimum counterweight recommendations)

Standard Stick

Loader Bucket	Power Train		
GP	4WD	116 kg	255 lb
MP	4WD	no count	erweight

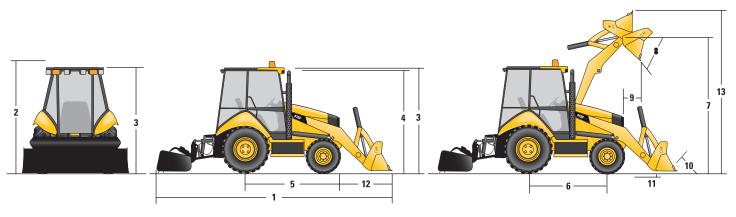


Dimensions

2								
	Single Tilt Loader							
	0.76 m³ (′		0.96 m³ (1		1.0 m³ (1.		1.0 m³ (1.	
	GP Bu	cket	GP Bu	cket	MP Bu	cket	MP Bucket v	with Forks
1 Overall Length (Loader on Ground) – with Box Blade	6256 mm	20'6"	6368 mm	20'11"	6286 mm	20'7"	6286 mm	20'7"
Overall Length (Loader on Ground) – Hitch Only	5146 mm	16'11"	5259 mm	17'3"	5177 mm	17'0"	5177 mm	17'0"
Overall Transport Length – with Box Blade	6314 mm	20'9"	6397 mm	21'0"	6360 mm	20'10"	6360 mm	20'10"
Overall Transport Length – Hitch Only	5158 mm	16'11"	5241 mm	17'2"	5205 mm	17'1"	5205 mm	17'1"
Overall Transport Height	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"	3577 mm	11'9"
Overall Width	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"	2322 mm	7'7"
Height to Top of Cab/Canopy	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"	2819 mm	9'3"
4 Height to Top of Exhaust Stack	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"	2744 mm	9'0"
Height to Loader Hinge Pin (transport)	381 mm	1'3"	381 mm	1'3"	432 mm	1'5"	432 mm	1'5"
Ground Clearance (left hand step)	294 mm	1'0"	294 mm	1'0"	294 mm	1'0"	294 mm	1'0"
Ground Clearance (All Wheel Drive [AWD] guard)	294 mm	1'0"	294 mm	1'0"	294 mm	1'0"	294 mm	1'0"
Ground Clearance (460 kg/1,015 lb counterweight)	274 mm	0'11"	274 mm	0'11"	274 mm	0'11"	274 mm	0'11"
5 Rear Axle Centerline to Front Grill	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"	2705 mm	8'10"
Front Wheel Tread Gauge	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"	1895 mm	6'3"
Rear Wheel Tread Gauge	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"	1714 mm	5'7"
6 Wheelbase 4WD	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"	2200 mm	7'3"

	Single Tilt Loader with Quick Coupler (QC)				
	1.25 yd³ GP Bu	cket with QC	1.31 yd ³ MP Bucket with Q		
Overall Length (Loader on Ground) – with Box Blade	6550 mm	21'6"	6454 mm	21'2"	
Overall Length (Loader on Ground) – Hitch Only	5440 mm	17'10"	5344 mm	17'6"	
Overall Transport Length – with Box Blade	6524 mm	21'5"	6454 mm	21'2"	
Overall Transport Length – Hitch Only	5369 mm	17'7"	5298 mm	17'5"	
Overall Transport Height	3577 mm	11'9"	3577 mm	11'9"	
Overall Width	2322 mm	7'7"	2322 mm	7'7"	
3 Height to Top of Cab/Canopy	2819 mm	9'3"	2819 mm	9'3"	
4 Height to Top of Exhaust Stack	2744 mm	9'0"	2744 mm	9'0"	
Height to Loader Hinge Pin (transport)	350 mm	1'2"	350 mm	1'2"	
Ground Clearance (Left Hand Step)	294 mm	1'0"	294 mm	1'0"	
Ground Clearance (AWD guard)	294 mm	1'0"	294 mm	1'0"	
Ground Clearance (485 kg Counterweight)	274 mm	0'11"	274 mm	0'11"	
Rear Axle Centerline to Front Grill	2706 mm	8'11"	2706 mm	8'11"	
Front Wheel Tread Gauge	1895 mm	6'3"	1895 mm	6'3"	
Rear Wheel Tread Gauge	1714 mm	5'7"	1714 mm	5'7"	
Wheelbase 2WD/AWD	2200 mm	7'3"	2200 mm	7'3"	

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 front tires, 16.9L-24 rear tires, ROPS canopy, 0.76 m³ (1.00 yd³) loader bucket and standard equipment unless otherwise specified.



Loader Bucket Dimensions and Performance

	Single Tilt Loader							
							1.0 m³ (1 MP Bucket	
Capacity (SAE Rated)	0.76 m ³	1.0 yd ³	0.96 m ³	1.25 yd ³	1.0 m ³	1.31 yd ³	1.0 m ³	1.31 yd ³
Overall Bucket Width	2262 mm	89 in	2262 mm	89 in	2279 mm	90 in	2279 mm	90 in
Lift Capacity at Maximum Height	2660 kg	5,864 lb	2566 kg	5,657 lb	2363 kg	5,209 lb	2248 kg	4,955 lb
Breakout Force	42 076 N	9,459 lbf	39 722 N	8,929 lbf	38 609 N	8,679 lbf	37 120 N	8,345 lbf
Tipping Load at Breakout Point	5496 kg	12,117 lb	5103 kg	11,250 lb	5116 kg	11,279 lb	4974 kg	10,965 lb
Maximum Hinge Pin Height	3474 mm	11'5"	3474 mm	11'5"	3474 mm	11'5"	3474 mm	11'5"
Dump Angle at Full Height	44° 44° 44°		.0	44°				
Dump Height at Maximum Angle	2824 mm	9'3"	2746 mm	9'0"	2798 mm	9'2"	2798 mm	9'2"
Dump Reach at Maximum Angle	733 mm	2'5"	814 mm	2'8"	722 mm	2'4"	722 mm	2'4"
Maximum Bucket Rollback at Ground Level	37	0	37	0	38	0	38	3°
Digging Depth	83 mm	3"	83 mm	3"	110 mm	4"	110 mm	4"
Maximum Grading Angle	110	6°	11:	<u>2</u> °	116	6°	110	6°
Width of Dozer Cutting Edge	N/	Α	N/	A	2262 mm	7'5"	2262 mm	7'5"
Grill to Bucket Cutting Edge, Carry Position	1405 mm	4'7"	1488 mm	4'11"	1451 mm	4'9"	1451 mm	4'9"
Maximum Operating Height	4206 mm	13'10"	4355 mm	14'3"	4404 mm	14'5"	4878 mm	16'0"
Jaw Opening Maximum	N/	Α	N/	A	790 mm	2'7"	790 mm	2'7"
Bucket Jaw Clamping Force	N/	Ά	N/	A	50 600 N	11,375 lbf	50 600 N	11,375 lbf
Weight (does not include teeth or forks)	384 kg	847 lb	451 kg	994 lb	745 kg	1,642 lb	915 kg	2,017 lb
	Overall Bucket Width Lift Capacity at Maximum Height Breakout Force Tipping Load at Breakout Point Maximum Hinge Pin Height Dump Angle at Full Height Dump Height at Maximum Angle Dump Reach at Maximum Angle Maximum Bucket Rollback at Ground Level Digging Depth Maximum Grading Angle Width of Dozer Cutting Edge Grill to Bucket Cutting Edge, Carry Position Maximum Operating Height Jaw Opening Maximum Bucket Jaw Clamping Force	Capacity (SAE Rated) Overall Bucket Width 2262 mm Lift Capacity at Maximum Height Breakout Force 42 076 N Tipping Load at Breakout Point Maximum Hinge Pin Height Dump Angle at Full Height 44 Dump Height at Maximum Angle Dump Reach at Maximum Angle 733 mm Maximum Bucket Rollback at Ground Level 37 Digging Depth 83 mm Maximum Grading Angle Width of Dozer Cutting Edge Grill to Bucket Cutting Edge, Carry Position Maximum Operating Height Jaw Opening Maximum My Bucket Jaw Clamping Force	Overall Bucket Width2262 mm89 inLift Capacity at Maximum Height2660 kg5,864 lbBreakout Force42 076 N9,459 lbfTipping Load at Breakout Point5496 kg12,117 lbMaximum Hinge Pin Height3474 mm11'5"Dump Angle at Full Height44°Dump Height at Maximum Angle2824 mm9'3"Dump Reach at Maximum Angle733 mm2'5"Maximum Bucket Rollback at Ground Level37°Digging Depth83 mm3"Maximum Grading Angle116°Width of Dozer Cutting EdgeN/AGrill to Bucket Cutting Edge, Carry Position1405 mm4'7"Maximum Operating Height4206 mm13'10"Jaw Opening MaximumN/ABucket Jaw Clamping ForceN/A	Capacity (SAE Rated) 0.76 m³ 1.0 yd³ 0.96 m³ Overall Bucket Width 2262 mm 89 in 2262 mm Lift Capacity at Maximum Height 2660 kg 5,864 lb 2566 kg Breakout Force 42 076 N 9,459 lbf 39 722 N Tipping Load at Breakout Point 5496 kg 12,117 lb 5103 kg Maximum Hinge Pin Height 3474 mm 11 '5" 3474 mm Dump Angle at Full Height 44° 44 Dump Height at Maximum Angle 2824 mm 9'3" 2746 mm Dump Reach at Maximum Angle 733 mm 2'5" 814 mm Maximum Bucket Rollback at Ground Level 37° 37 Digging Depth 83 mm 3" 83 mm Maximum Grading Angle 116° 112 Width of Dozer Cutting Edge N/A N/ Grill to Bucket Cutting Edge, Carry Position 1405 mm 4'7" 1488 mm Maximum Operating Height 4206 mm 13'10" 4355 mm Jaw Opening Maximum N/A N/ Bucket Ja	0.76 m³ (1.0 yd³) GP Bu betweet 0.96 m³ (1.25 yd³) GP Bu betweet Capacity (SAE Rated) 0.76 m³ 1.0 yd³ 0.96 m³ 1.25 yd³ Overall Bucket Width 2262 mm 89 in 2262 mm 89 in Lift Capacity at Maximum Height 2660 kg 5,864 lb 2566 kg 5,657 lb Breakout Force 42 076 N 9,459 lbf 39 722 N 8,929 lbf Tipping Load at Breakout Point 5496 kg 12,117 lb 5103 kg 11,250 lb Maximum Hinge Pin Height 3474 mm 11 lb 3474 mm 11 lb Dump Angle at Full Height 44** 44** 44** Dump Height at Maximum Angle 2824 mm 9'3" 2746 mm 9'0" Dump Reach at Maximum Angle 733 mm 2'5" 814 mm 2'8" Maximum Bucket Rollback at Ground Level 37" 83 mm 3" Maximum Grading Angle 116** 112** Width of Dozer Cutting Edge N/A N/A Grill to Bucket Cutting Edge, Carry Position 1405 mm 4'7" 1488 mm	0.76 m³ (1.) yd³) GP Bu ket 0.96 m³ (1.25 yd³) MP Bu GP Bu ket 1.0 m³ (1 MP Bu GP Bu ket) 2.0 mg la m² (1 MP Bu ket) 3.0 mg la m² (1 MP Bu	D.76 m³ · L. yd³ vGP B L ver 1.0 m³ · L. yd³ vGP B L ver 1.0 m³ · L. yd³ vGP B L ver 1.0 m³ · L. yd³ vMP B L ver Capacity (SAE Rated) 0.76 m³ · 1.0 yd³ · 0.96 m³ · 1.25 yd³ · 1.0 m³ · 1.31 yd³ vd³ Overall Bucket Width 2262 mm · 89 in · 2262 mm · 89 in · 2279 mm · 90 in · 2263 kg · 5.657 lb · 2363 kg · 5.209 lb 90 in · 2262 mm · 89 in · 2262 mm · 89 in · 2262 mm · 89 in · 2263 kg · 5.209 lb 3660 kg · 5.664 lb · 2566 kg · 5.657 lb · 2363 kg · 5.209 lb 3670 lb · 5.209 lb Breakout Force 42 076 N · 9.459 lbf · 39.722 N · 8.929 lbf · 38.609 N · 8.679 lbf 36.699 N · 8.679 lbf 36.722 N · 8.929 lbf · 38.609 N · 8.679 lbf 36.709 lbf Tipping Load at Breakout Point 5496 kg · 12,117 lb · 5103 kg · 11,250 lb · 5116 kg · 11,279 lb 11 '5" · 3474 mm · 32 '5" · 34	D.76 m³ 1.0 yd³ GP Buet 0.96 m³ 1.25 yd³ GP Buet 1.0 m³ 1.31 yd³ MP Buets 1.0 m³ 10 pdc buets Capacity (SAE Rated) 0.76 m³ 0.0 yd³ 0.96 m³ 0.25 yd³ 0.96 m³ 0.25 yd³ 0.96 m³ 0.27 ym² 0.90 m³ 0.00 m³ 0.27 ym² 0.90 m³ 0.00 m³ 0.0

	Single Tilt Loader with Quick Coupl			
	1.25 yd ³ GP Bucket with QC		1.31 yd ³ MP Bucket with QC	
Capacity (SAE Rated)	0.96 m ³	1.26 yd ³	1 m ³	1.31 yd ³
Overall Bucket Width	2262 mm	89 in	2279 mm	90 in
Lift Capacity at Maximum Height	2211 kg	4,874 lb	2058 kg	4,537 lb
Breakout Force	35 343 kN	7,945 lbf	34 532 kN	7,763 lbf
Tipping Load at Breakout Point	4271 kg	9,416 lb	4291 kg	9,460 lb
7 Maximum Hinge Pin Height	3474 mm	11'5"	3474 mm	11'5"
8 Dump Angle at Full Height	44°		44°	
Dump Height at Maximum Angle	2611 mm	8'7"	2678 mm	8'9"
9 Dump Reach at Maximum Angle	893 mm	2'11"	839 mm	9'9"
10 Maximum Bucket Rollback at Ground Level	38°		38°	
11 Digging Depth	124 mm	0'5"	114 mm	0'4"
Maximum Grading Angle	108°		111°	
Width of Dozer Cutting Edge	N/A	N/A	2262 mm	7'5"
12 Grill to Bucket Cutting Edge, Carry Position	1615 mm	5'4"	1544 mm	5'1"
13 Maximum Operating Height	4425 mm	14'6"	4462 mm	14'8"
Jaw Opening Maximum	N/A	N/A	790 mm	2'7"
Bucket Jaw Clamping Force	N/A	N/A	50 600 kN	11,375 lb
Weight (does not include teeth or forks)	447 kg	985 lb	724 kg	1,596 lb

Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 front tires, 16.9L-24 rear tires, ROPS canopy, 0.76 m³ (1.00 yd³) loader bucket and standard equipment unless otherwise specified.

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

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

Engine

- The Cat® C3.6 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) or ULSD blended with the following lower-carbon intensity fuels up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)
 - √ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

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

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430).
 The system contains 1.6 kg (3.5 lb) of refrigerant which has a CO₂ equivalent of 2.3 metric tonnes (2.5 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

Operator Sound Pressure Level (ISO 6396:2008) - 76 dB(A)*

Exterior Sound Power Level (ISO 6395:2008) - 101 dB(A)

*Measurements were conducted with properly installed and maintained cab doors and windows closed.

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 HYDOTM 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.
 - Save fuel and reduce your greenhouse gas emissions with efficiency features such as operator control modes selectable through the display and with fuel management modes.
 - Extended maintenance intervals not only reduce downtime but decrease the amount of fluid and filters that are replaced over the life of the machine.
- Auto Idle helps reduce unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.

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	60.51%		
Iron	16.77%		
Nonferrous Metal	3.29%		
Mixed Metal	0.63%		
Mixed-Metal and Nonmetal	1.03%		
Plastic	2.13%		
Rubber	3.01%		
Mixed Nonmetallic	0.03%		
Fluid	4.17%		
Other	6.33%		
Uncategorized	2.10%		
Total	100.00%		

• 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 - 92%

STANDARD EQUIPMENT

- Air cleaner
- Alarm, back-up
- Audible system fault alarm
- Box Blade Controls, finger lever pilot
- Battery, maintenance-free, 880 CCA
- Battery disconnect switch
- Brace, lift cylinder
- Brake, secondary parking
- Brakes, hydraulically boosted, oil disc, dual pedals, interlocking
- Bucket level indicator
- Canopy, ROPS/FOPS
- Coat restraint
- Coolant/antifreeze, extended life
- Counterweight, bumper
- Dome light (cab only)
- Diagnostic port for engine
- Differential lock, floor mounted
- Differential lock, loader joystick
- Drink holders, two
- Engine, Cat C3.6, meets Tier 4 Final emission standards, diesel particulate filter
- Engine enclosure, sound suppression removal panels
- Face seals, 0-ring
- Fan, suction and guard
- Fast reversing shuttle, all gears
- Fenders, rear

- Filters, spin-on: fuel, engine oil, transmission oil, water separator
- Filters, bowl and cartridge: hydraulic fluid
- Flashing hazards/signal lights
- Floor mat
- Fuel tank, fully enclosed
- Fully hinged front grill for cooling package cleaning access
- Gauge cluster: coolant temperature, fuel level, torque converter temperature, battery voltage
- Ground level fuel fill
- High ambient cooling package
- Hitch, rear 3-point
- Hood lock, inside cab
- Hydraulic hose, Cat XTTM-3
- Hydraulic oil cooler
- Hydraulic oil level sight gauge
- Hydraulic valve, hydrostatic steering
- Hydraulic valves, loader 3 function
- Hydraulic valves, rear 5 function
- Hydraulics, load sensing with variable displacement piston pump
- Indicator lights and LCD warnings for system status
- Instrument panel lights
- Key start/stop system
- LCD screen with machine system information
- Lights, working (2 front, 2 rear)

- Loader, self-leveling, return-to-dig and transmission disconnect switch
- Loader, single tilt
- Mirror, rearview
- Open circuit breather
- Power receptacle, 12 volt, 2 internal, 2 external roof mounted
- Power steering, hydrostatic
- Seat belt, retractable, 75 mm (3 in)
- Steering knob
- Seat, mechanical suspension, fabric or vinyl cover, with armrest
- Starting system, glow plugs
- Steering, hydrostatic
- Storage compartment, lockable
- Storage tray
- Stop and tail lights
- Tires, 12.5/80-18 front, 16.9-24 rear
- Toolbox, external, lockable
- Torque converter
- Throttle, foot, electronic
- Transmission, four speed, syncromesh
- Transmission neutralizer switch
- Transport tie-downs
- Four Wheel Drive
- Warning horn, electric
- Product Link[™], cellular, PLE643
- Product Link, dual mode, PLE683

OPTIONAL EQUIPMENT

- Battery, additional, 880 CCA
- Box, blade/scarifier
- Cab, standard with air conditioning
- Cold weather fuel (-30° C/-22° F)
- Cold weather package, including additional battery, engine block heater, radiator antifreeze (-50° C/-58° F), cold weather fuel (-30° C/-22° F) and mounting for an ether bottle
- Counterweights, 115 kg (255 lb), 240 kg (530 lb) or 460 kg (1,015 lb)

- Counterweight, rear 90 kg (198 lb)
- Dual tilt rear hitch
- Face fan
- Fenders, front with integral steps
- Radio and CD player, Bluetooth
- Ride Control
- Rotating beacon, magnetic mount
- Security system keypad
- Vandalism protection, gauge cover

- Work Tool Attachments such as buckets, forks, and material handling arms. See your Cat dealer for more information.
- LED lights, working (2 front, 2 rear)
- Security system, Bluetooth®
- Security System, operator display
- Side mirrors, cab, external
- Single Tilt Loader Coupler, Integrated Tool Carrier (IT) Interface

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

© 2024 Caterpillar All rights reserved

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

CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

AEHQ8266-01 (03-2024) Replaces AEHQ8266 Build Number: 07A (N Am)

