



# MH3260

## Material Handler

# Technical Specifications

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

## Table of Contents

<b>Specifications</b>	<b>2</b>
Engine	3
Swing Mechanism	3
Weights	4
Track	5
Drive	6
Hydraulic System	7
Service Refill Capacity	11
Standards	11
Vibration Levels	11
Sound Performance	3
Air Conditioning System	3
Major Component Weights	4
Dimensions	5
Working Ranges and Forces	6
Lift Capacities	7
Work Tool Offering Guide:	
North America	11
Europe	11
<b>Standard and Optional Equipment</b>	<b>12</b>
<b>Dealer Installed Kits and Attachments</b>	<b>14</b>
<b>MH3260 Environmental Declaration</b>	<b>15</b>



# MH3260 Material Handler Specifications

## Engine

Engine Model	Cat® C13	
Net Power		
ISO 9249	316 kW	424 hp
ISO 9249 (metric)	430 mhp (PS)	
80/1269/EEC	424 hp	
Engine Power		
ISO 14396	317 kW	425 hp
ISO 14396 (metric)	431 mhp (PS)	
Bore	130 mm	5 in
Stroke	157 mm	6 in
Displacement	12.5 L	763 in <sup>3</sup>
Number of Cylinders	6	
Biodiesel Capability	Up to B20 <sup>(1)</sup>	

- Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.
- Rated speed 1,800 rpm.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, exhaust gas aftertreatment and alternator.
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 2300 m (7,545 ft).

<sup>(1)</sup>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 Cat 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).

## Track

Standard Track Shoes Width	750 mm	30 in
Number of Shoes (each side)	52	
Number of Track Rollers (each side)	9	
Number of Carrier Rollers (each side)	3	

## Drive

Gradeability	30%/58%	
Maximum Travel Speed	4.8 km/h	3.0 mph
Maximum Drawbar Pull	239 kN	53,729 lbf

## Hydraulic System

Main System – Maximum Flow	779 L/min (389 × 2 pumps)	206 gal (103 × 2 pumps)
Maximum Pressure – Implements	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	26 000 kPa	3,771 psi
Medium Pressure – Maximum Flow	60 L/min	16 gal/min
Medium Pressure – Max Pressure	20 000 kPa	2,900 psi
Cylinders		
Boom Cylinder – Bore	170 mm	6.7 in
Boom Cylinder – Stroke	1524 mm	60.0 in
Stick Cylinder – Bore	150 mm	5.9 in
Stick Cylinder – Stroke	1660 mm	65.4 in

## Service Refill Capacities

Fuel Tank (total capacity)	715 L	188.9 gal
Cooling System	52 L	13.7 gal
Engine Oil (with filter)	40 L	10.6 gal
Swing Drive (each)	10.5 L	2.8 gal
Final Drive (each)	15 L	4.0 gal
Hydraulic System (including tank)	550 L	145.3 gal
Hydraulic Tank	217 L	57.3 gal
Diesel Exhaust Fluid (DEF) Tank	46 L	12.2 gal

## Swing Mechanism

Swing Speed*	8 rpm
Maximum Swing Torque	187 kN·m    137,924 lbf·ft

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

## Weights

Operating Weight*	60 420 kg	133,200 lb
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\*Material Handler (MH) Boom, 9.1 m (29'10") industrial stick, 12 mt (26,460 lb) counterweight, 750 mm (30") triple grouser shoes, full fuel tank, 75 kg (165 lb) operator, grapple 3000 kg (6,610 lb).

## Standards

Brakes	ISO 10265:2008
Cab/Tip Over Protective Structure (TOPS)	EN474-5:2022/AC:2022
Operator Protective Guards (OPG)	ISO 10262:1998 Level II
Cab/Sound Levels	Meets appropriate standards as listed below

## Vibration Levels

Maximum Hand/Arm		
ISO 5349:2001	<2.5 m/s <sup>2</sup>	<8.2 ft/s <sup>2</sup>
Maximum Whole Body		
ISO/TR 25398:2006	<0.5 m/s <sup>2</sup>	<1.6 ft/s <sup>2</sup>
Seat Transmissibility Factor		
ISO 7096:2000-spectral class EM6	<0.7	

## Sound Performance

ISO 6395:2008 external	108 dB(A)
ISO 6396:2008 internal	72 dB(A)

- External Sound – The labeled 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).
- Blue Angel certified.

## 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 1.19 kg (2.62 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.702 metric tonnes (1.875 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 1.19 kg (2.62 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 0.001 metric tonnes (0.001 tons).

# MH3260 Material Handler Specifications

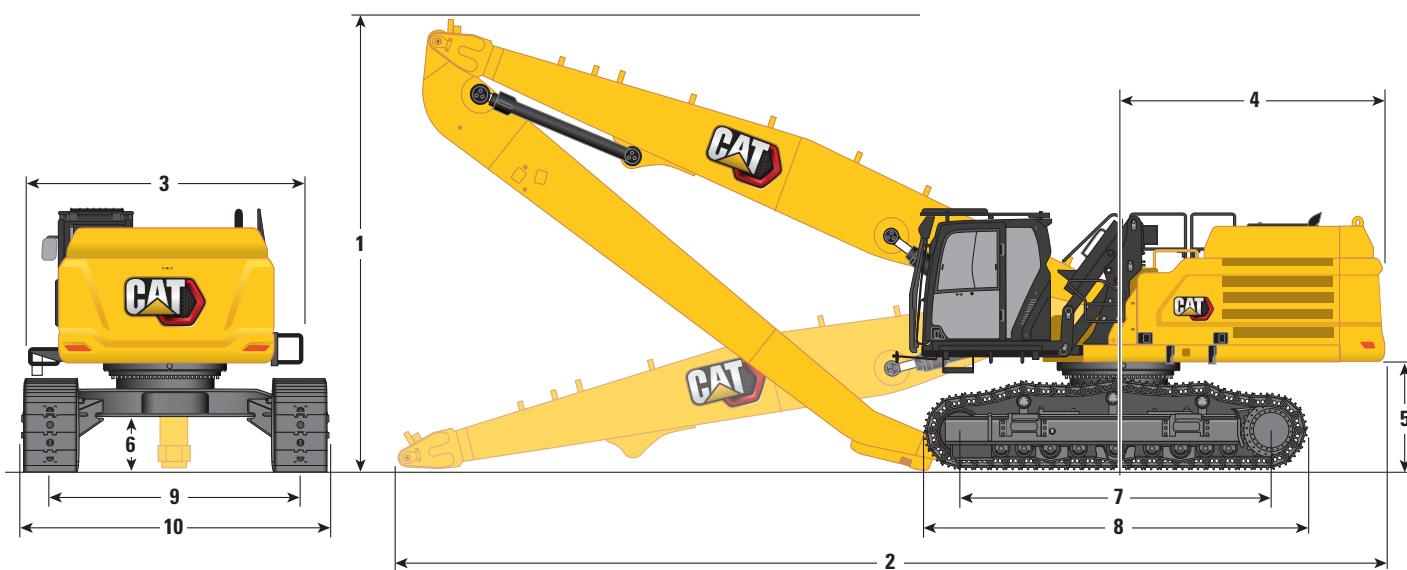
## Major Component Weights

	kg	lb
Base machine with variable gauge undercarriage with single flange track rollers and carrier rollers, with 750 mm (30") triple grouser track shoes and boom cylinders	36 780	81,090
Boom (including stick cylinders, pins and standard hydraulic lines):		
MH Boom 9.9 m (32'6")	5630	12,410
Stick (including pins and standard hydraulic lines):		
Industrial Stick 7.4 m (24'5")	2720	6,000
Industrial Stick 9.1 m (29'10")	3080	6,790
Counterweight:		
12 000 kg (26,460 lb) Counterweight	12 000	26,460
Two Boom Cylinders	920	2,030
Variable Gauge Undercarriage:		
Base Frame with DF Track Rollers and Carrier Rollers	10 460	23,060
Track Shoes:		
750 mm (30") Width, 15.5 mm (0.6") Thick, Triple Grouser Track Shoes	6040	13,320
OPG Guard	130	290
Grapples (with mounting bracket):		
GSH455-1000-S (1.00 m <sup>3</sup> /1.3 yd <sup>3</sup> )	2668	5,880
GSH455-1500-S (1.50 m <sup>3</sup> /2.0 yd <sup>3</sup> )	2711	5,980
GSH555-1000-S (1.00 m <sup>3</sup> /1.3 yd <sup>3</sup> )	3192	7,040

# MH3260 Material Handler Specifications

## Dimensions

All Dimensions are approximate.



### Boom Option

**MH Boom**  
9.9 m (32'6")

### Stick Option

**Industrial**  
7.4 m (24'5")

**Industrial**  
9.1 m (29'10")

#### 1 Machine Height

Shipping Height – without Operator Protective Guards, without Stick	3540 mm	11'7"	3540 mm	11'7"
Shipping Height – with Operator Protective Guards, without Stick	3580 mm	11'9"	3580 mm	11'9"
Cab Lowered – without Operator Protective Guards	3540 mm	11'7"	3540 mm	11'7"
Cab Lowered – with Operator Protective Guards	3580 mm	11'9"	3580 mm	11'9"
Cab Raised – without Operator Protective Guards	6030 mm	19'9"	6030 mm	19'9"
Cab Raised – with Operator Protective Guards	6175 mm	20'3"	6175 mm	20'3"
With Boom/Stick Installed	3890 mm	12'9"	6730 mm	22'1"

#### 2 Machine Length

Shipping Length – without Stick	13 710 mm	45'0"	13 710 mm	45'0"
With Boom/Stick Installed	14 010 mm	46'0"	13 270 mm	43'6"

#### 3 Upper Frame Width

Without Walkways and Handrails	2970 mm	9'9"	2970 mm	9'9"
Including Walkways and Handrails	3830 mm	12'7"	3830 mm	12'7"

#### 4 Tail Swing Radius

1420 mm	4'8"	1420 mm	4'8"
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#### 5 Ground Clearance

710 mm	2'4"	710 mm	2'4"
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#### 6 Track Length – Length to Center of Rollers

4340 mm	14'3"	4340 mm	14'3"
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#### 7 Track Length

5370 mm	17'7"	5370 mm	17'7"
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#### 8 Track Gauge

3220 mm	10'7"	3220 mm	10'7"
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3720 mm	12'2"	3720 mm	12'2"
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#### 9 Variable Gauge Undercarriage

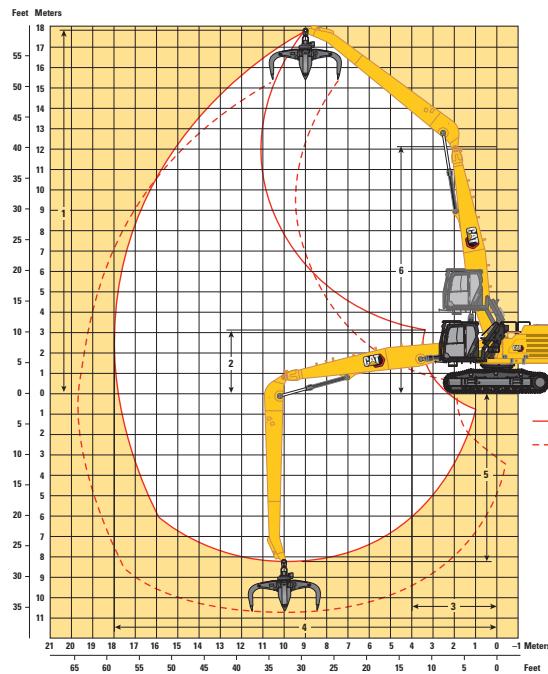
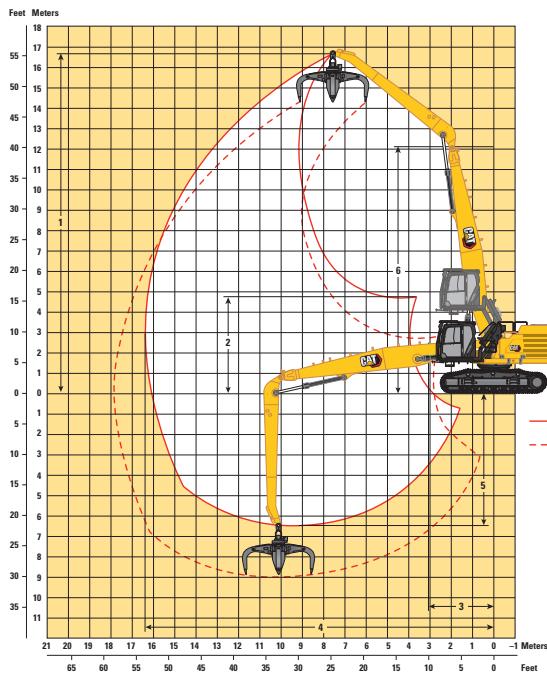
4010 mm	13'2"	4010 mm	13'2"
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4510 mm	14'10"	4510 mm	14'10"
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# MH3260 Material Handler Specifications

## Working Ranges and Forces

All dimensions are approximate.



### Boom Option

### MH Boom 9.9 m (32'6")

#### Stick Option

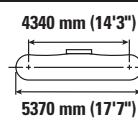
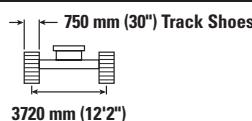
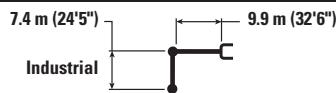
	Industrial 7.4 m (24'5")	Industrial 9.1 m (29'10")
1 Maximum Height*	16 770 mm	55'0" 17 820 mm
2 Minimum Height*	4780 mm	15'8" 3120 mm
3 Minimum Swing Radius – Front	3090 mm	10'2" 4000 mm
4 Maximum Reach*	16 450 mm	54'0" 18 000 mm
5 Maximum Depth*	6470 mm	21'3" 8150 mm
6 Boom Pin Height	12 120 mm	39'9" 12 120 mm

\*Dimensions refer to stick nose pin.

# MH3260 Material Handler Specifications

## Lift Capacities – Counterweight: 12 000 kg (26,460 lb)

Without attachment



		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")					
15 000 mm 50'0"	kg lb									*9350 *19,550	*9350 *19,550	*7100 *15,900	*7100 *15,900	10 480 33'4"	
13 500 mm 45'0"	kg lb											*6650 *14,700	*6650 *14,700	12 080 38'11"	
12 000 mm 40'0"	kg lb											*6350 *14,050	*6350 *14,050	13 320 43'2"	
10 500 mm 35'0"	kg lb											*6200 *13,700	*6200 *13,700	14 290 46'6"	
9000 mm 30'0"	kg lb									*11 000 *23,850	*11 000 *23,850	*6150 *13,550	*6150 *13,550	15 050 49'2"	
7500 mm 25'0"	kg lb									*11 350 *24,650	*11 350 *24,650	*6200 *13,600	*6200 *13,600	15 630 51'1"	
6000 mm 20'0"	kg lb							*13 850 *30,000	*13 850 *30,000	*11 850 *25,700	*11 850 *25,700	*6250 *13,750	*6250 *13,750	16 050 52'6"	
4500 mm 15'0"	kg lb			*24 350 *52,500	*24 350 *52,500	*18 300 *39,500	*18 300 *39,500	*14 700 *31,850	*14 700 *31,850	*12 350 *26,750	*12 350 *26,750	6350 14,050	5550 12,250	16 310 53'5"	
3000 mm 10'0"	kg lb			*15 950 *40,450	*15 950 *40,450	*19 600 *42,350	*19 600 *42,350	*15 450 *33,400	*15 450 *33,400	*12 750 *27,600	*12 750 *27,600	6200 13,700	5400 11,950	16 440 53'10"	
1500 mm 5'0"	kg lb			*6650 *15,550	*6650 *15,550	*20 100 *43,550	*20 100 *43,550	*15 800 *34,200	*15 800 *34,200	*12 950 *28,050	*12 950 *28,050	12 750 27,500	*6000 *13,200	5350 11,800	
0 mm 0'0"	kg lb			*5700 *13,050	*5700 *13,050	*12 550 *29,100	*12 550 *29,100	*15 600 *33,850	*15 600 *33,850	*12 850 *27,750	*12 850 *27,750	12 300 26,450	*5700 *12,500	5350 11,800	
-1500 mm -5'0"	kg lb	*3800 *8,500	*3800 *8,500	*6150 *13,850	*6150 *13,850	*10 800 *24,750	*10 800 *24,750	*14 900 *32,250	*14 900 *32,250	*12 350 *26,650	*12 350 *26,650	11 950 25,700	*5300 *11,700	15 970 52'4"	
-3000 mm -10'0"	kg lb			*6950 *15,600	*6950 *15,600	*10 650 *24,200	*10 650 *24,200	*13 600 *29,400	*13 600 *29,400	*11 400 *24,600	*11 400 *24,600	*11 400 *24,600	*4850 *10,700	*4850 *10,700	15 520 50'10"
-4500 mm -15'0"	kg lb					*11 100 *25,200	*11 100 *25,200	*11 750 *25,350	*11 750 *25,350	*10 000 *21,550	*10 000 *21,550	*10 000 *21,550	*4300 *9,350	*4300 *9,350	14 900 48'9"
-6000 mm -20'0"	kg lb							*9350	*9350	*8150 *17,350	*8150 *17,350	*5200 *11,700	*5200 *11,700	12 500 40'0"	



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

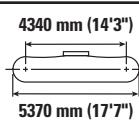
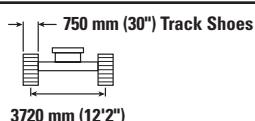
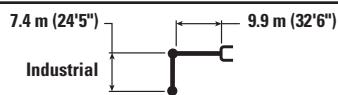
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

# MH3260 Material Handler Specifications

## Lift Capacities – Counterweight: 12 000 kg (26,460 lb) (continued)

Without attachment



		10 500 mm (35'0")		12 000 mm (40'0")		13 500 mm (45'0")		15 000 mm (50'0")			
											mm ft/in
15 000 mm 50'0"	kg lb									*7100 <b>*15,900</b>	10 480 33'4"
13 500 mm 45'0"	kg lb	*9250 <b>*19,350</b>	*9250 <b>*19,350</b>	*6800	*6800					*6650 <b>*14,700</b>	12 080 38'11"
12 000 mm 40'0"	kg lb	*9650 <b>*21,100</b>	*9650 <b>*21,100</b>	*8850 <b>*18,400</b>	*8850 <b>*18,400</b>					*6350 <b>*14,050</b>	13 320 43'2"
10 500 mm 35'0"	kg lb	*9700 <b>*21,100</b>	*9700 <b>*21,100</b>	*8850 <b>*19,250</b>	*8850 <b>*19,250</b>	*8050 <b>*16,250</b>	*8050 <b>*16,250</b>			*6200 <b>*13,700</b>	14 290 46'6"
9000 mm 30'0"	kg lb	*9850 <b>*21,400</b>	*9850 <b>*21,400</b>	*8900 <b>*19,400</b>	*8900 <b>*19,400</b>	*8150 <b>*17,650</b>	8000 <b>17,150</b>	*6300	*6300	*6150 <b>*13,550</b>	15 050 49'2"
7500 mm 25'0"	kg lb	*10 100 <b>*21,900</b>	*10 100 <b>*21,900</b>	*9050 <b>*19,650</b>	*9050 <b>*19,650</b>	*8200 <b>*17,750</b>	7900 <b>16,950</b>	*7400 <b>*15,850</b>	6600 <b>14,150</b>	*6200 <b>*13,600</b>	15 630 51'1"
6000 mm 20'0"	kg lb	*10 350 <b>*22,500</b>	*10 350 <b>*22,500</b>	*9200 <b>*19,950</b>	*9200 <b>*19,950</b>	*8250 <b>*17,850</b>	7750 <b>16,650</b>	*7400 <b>*15,900</b>	6500 <b>13,950</b>	*6250 <b>*13,750</b>	16 050 52'6"
4500 mm 15'0"	kg lb	*10 650 <b>*23,100</b>	*10 650 <b>*23,100</b>	*9350 <b>*20,250</b>	9050 <b>19,500</b>	*8300 <b>*17,950</b>	7550 <b>16,250</b>	7300 <b>15,650</b>	6400 <b>13,700</b>	6350 <b>14,050</b>	16 310 53'5"
3000 mm 10'0"	kg lb	*10 850 <b>*23,550</b>	10 700 <b>23,000</b>	*9450 <b>*20,400</b>	8800 <b>18,900</b>	*8300 <b>*17,900</b>	7350 <b>15,850</b>	7150 <b>15,400</b>	6250 <b>13,450</b>	6200 <b>13,700</b>	16 440 53'10"
1500 mm 5'0"	kg lb	*10 950 <b>*23,650</b>	10 300 <b>22,150</b>	*9400 <b>*20,350</b>	8500 <b>18,350</b>	*8200 <b>*17,650</b>	7200 <b>15,450</b>	7050 <b>15,150</b>	6150 <b>13,200</b>	*6000 <b>*13,200</b>	16 420 53'10"
0 mm 0'0"	kg lb	*10 800 <b>*23,350</b>	9950 <b>21,450</b>	*9250 <b>*19,950</b>	8300 <b>17,800</b>	*7950 <b>*17,100</b>	7000 <b>15,100</b>	*6750 <b>*14,450</b>	6050 <b>13,000</b>	*5700 <b>*12,500</b>	16 270 53'4"
-1500 mm -5'0"	kg lb	*10 400 <b>*22,400</b>	9700 <b>20,850</b>	*8850 <b>*19,000</b>	8100 <b>17,400</b>	*7500 <b>*16,100</b>	6900 <b>14,800</b>	*6250 <b>*13,250</b>	5950 <b>12,800</b>	*5300 <b>*11,700</b>	15 970 52'4"
-3000 mm -10'0"	kg lb	*8650 <b>*20,750</b>	9500 <b>20,500</b>	*8150 <b>*17,450</b>	7950 <b>17,150</b>	*6800 <b>*14,500</b>	6800 <b>*14,500</b>	*5450 <b>*11,300</b>	*5450 <b>*11,300</b>	*4850 <b>*10,700</b>	15 520 50'10"
-4500 mm -15'0"	kg lb	*8500 <b>*18,200</b>	*8500 <b>*18,200</b>	*7100 <b>*15,150</b>	*7100 <b>*15,150</b>	*5750 <b>*12,050</b>	*5750 <b>*12,050</b>			*4300 <b>*9,350</b>	14 900 48'9"
-6000 mm -20'0"	kg lb	*6900 <b>*14,600</b>	*6900 <b>*14,600</b>	*5600 <b>*11,750</b>	*5600 <b>*11,750</b>					*5200 <b>*11,700</b>	12 500 40'0"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

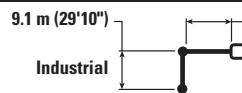
Lift capacity stays with  $\pm 5\%$  for all available track shoes.

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

# MH3260 Material Handler Specifications

## Lift Capacities – Counterweight: 12 000 kg (26,460 lb) (continued)

Without attachment



9.1 m (29'10")

Industrial

9.9 m (32'6")

750 mm (30") Track Shoes

3720 mm (12'2")

4340 mm (14'3")

5370 mm (17'7")

		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")																
		L	W	L	W	L	W	L	W	L	W	L	W	mm	ft/in													
15 000 mm 50'0"	kg lb													*5000 *11,100	5000 11,100	12 810 41'2"												
13 500 mm 45'0"	kg lb													*4700 *10,450	4700 10,450	14 150 45'10"												
12 000 mm 40'0"	kg lb													*4550 *10,050	4550 10,050	15 230 49'6"												
10 500 mm 35'0"	kg lb													*4450 *9,800	4450 9,800	16 090 52'5"												
9000 mm 30'0"	kg lb													*4400 *9,700	4400 9,700	16 770 54'9"												
7500 mm 25'0"	kg lb													*4400 *9,700	4400 9,700	17 290 56'7"												
6000 mm 20'0"	kg lb													*10 350 *22,500	10 350 22,500	*4450 *9,800	*4450 9,800	17 670 57'10"										
4500 mm 15'0"	kg lb													*12 850 *27,800	12 850 27,800	*10 950 *23,750	*10 950 23,750	*4550 10,000	4500 9,850	17 920 58'8"								
3000 mm 10'0"	kg lb													*22 950 *49,600	22 950 49,600	*17 200 *37,200	*17 200 37,200	*13 800 *29,900	*13 800 29,900	*11 550 *25,000	*11 550 25,000	*4700 10,300	4350 9,600	18 040 59'1"				
1500 mm 5'0"	kg lb													*23 150 *55,350	23 150 55,350	*18 600 *40,200	*18 600 40,200	*14 600 *31,600	*14 600 31,600	*12 000 *26,000	*12 000 26,000	*4900 *10,700	4300 9,450	18 030 59'1"				
0 mm 0'0"	kg lb													*3350 *7,600	3350 7,600	*8550 *19,700	*8550 19,700	*19 200 *41,600	*19 200 41,600	*15 000 *32,450	*15 000 32,450	*12 250 *26,500	12 150 26,500	*4750 26,150	4300 10,450	17 890 58'8"		
-1500 mm -5'0"	kg lb	*2200 *4,950	*2200 *4,950	*3700 *8,250	*3700 *8,250	*6800 *15,450	*6800 15,450	*13 850 *32,000	*13 850 32,000	*14 900 *32,250	*14 900 32,250	*14 900 *26,300	*14 900 26,300	11 650 25,000	11 650 25,000	*4500 9,900	4350 9,600	17 620 57'9"										
-3000 mm -10'0"	kg lb													*4350 *9,700	4350 9,700	*6700 *15,050	*6700 15,050	*11 400 *25,950	*11 400 25,950	*14 300 *30,850	*14 300 30,850	*11 700 *25,300	11 250 24,200	*4200 *9,200	*4200 9,200	17 220 56'5"		
-4500 mm -15'0"	kg lb													*5050 *11,250	5050 11,250	*7000 *11,250	*7000 11,250	*10 750 *24,350	*10 750 24,350	*13 100 *28,300	*13 100 28,300	*10 900 *23,450	10 900 23,450	*3800 *8,300	*3800 8,300	16 670 54'7"		
-6000 mm -20'0"	kg lb													*7500 *16,900	7500 16,900	*10 800 *24,500	*10 800 24,500	*11 450 *24,550	*11 450 24,550	*9600 *20,550	*9600 20,550	*3350 *7,500	3350 7,500	*3800 *7,500	*3800 7,500	15 890 51'8"		
-7500 mm -25'0"	kg lb																	*9150 *19,500	9150 19,500	*7800 *19,500	*7800 19,500	*16,550 *16,550	*16,550 16,550	*4200 *9,600	*4200 9,600	*4200 *9,600	4200 9,600	13 400 42'11"



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

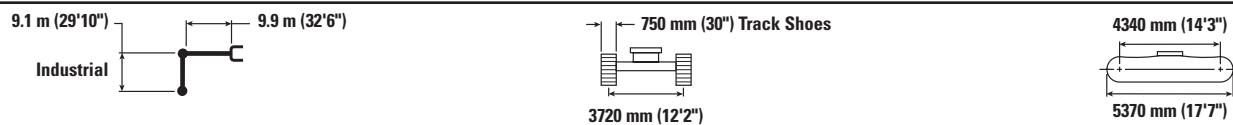
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

(continued on next page)

# MH3260 Material Handler Specifications

## Lift Capacities – Counterweight: 12 000 kg (26,460 lb) (continued)

Without attachment



		10 500 mm (35'0")		12 000 mm (40'0")		13 500 mm (45'0")		15 000 mm (50'0")		16 500 mm (55'0")		18 000 mm (60'0")		mm ft/in			
15 000 mm 50'0"	kg lb	*16,100	*16,100	*6150 *12,350	*6150 *12,350									*5000 *11,100	*5000 *11,100	12 810 41'2"	
13 500 mm 45'0"	kg lb			*7400 *15,600	*7400 *15,600	*5750 *11,400	*5750 *11,400							*4700 *10,450	*4700 *10,450	14 150 45'10"	
12 000 mm 40'0"	kg lb			*7750 *16,900	*7750 *16,900	*7000 *14,600	*7000 *14,600	*4950 *14,600	*4950 *14,600					*4550 *10,050	*4550 *10,050	15 230 49'6"	
10 500 mm 35'0"	kg lb			*7750 *16,900	*7750 *16,900	*7200 *15,650	*7200 *15,650	*6300 *12,750	*6300 *12,750					*4450 *9,800	*4450 *9,800	16 090 52'5"	
9000 mm 30'0"	kg lb	*18,700	*18,700	*7850 *17,100	*7850 *17,100	*7250 *17,100	*7250 *17,100	*6650 *15,700	*6650 *15,700	6550 14,000	*4950 *14,000	*4950 *14,000		*4400 *9,700	*4400 *9,700	16 770 54'9"	
7500 mm 25'0"	kg lb	*19,250	*19,250	*8850 *17,450	*8850 *17,450	*8050 *15,900	*8050 *15,900	*7350 *15,900	*7350 *15,900	*6700 *14,500	*6450 *13,850	*6050 *12,000	5400 11,500	*4400 *9,700	*4400 *9,700	17 290 56'7"	
6000 mm 20'0"	kg lb	*19,950	*19,950	*9200 *17,900	*9200 *17,900	*8250 *17,900	*8250 *17,900	*7450 *16,150	*7450 *16,150	*6750 *14,600	*6350 *13,550	*6100 *13,000	5300 11,350	*4450 *9,800	*4450 *9,800	17 670 57'10"	
4500 mm 15'0"	kg lb	*20,750	*20,750	*9550 *18,350	*9550 *18,350	*8500 *18,350	*8500 *18,350	*7550 *16,400	*7550 *16,400	7400 15,900	*6800 *14,700	*6200 *13,250	6000 12,800	5200 11,150	*4550 *10,000	4500 9,850	17 920 58'8"
3000 mm 10'0"	kg lb	*9900 *21,500	*9900 *21,500	*8700 *18,800	*8700 *18,800	8650 18,600	8650 18,600	*7650 *16,600	*7650 *16,600	7150 15,400	*6800 *14,700	6000 12,900	5850 12,600	5100 10,950	*4700 *10,300	4350 9,600	18 040 59'1"
1500 mm 5'0"	kg lb	*10 200 *22,050	10 200 21,900	*8800 *19,050	*8800 *19,050	8300 17,850	*7700 *16,650	6950 14,850	6950 14,400	6700 12,550	*6700 *12,350	5850 10,700	5750 10,700	5000 10,700	*4950 *10,700	4300 9,450	18 030 59'1"
0 mm 0'0"	kg lb	*10 300 *22,250	9750 20,950	*8850 *19,050	*8850 *19,050	8000 17,200	*7650 *16,500	6700 14,400	*7650 *14,400	6550 14,100	*5700 *12,200	5650 12,150	4900 10,500		*4750 *10,450	4300 9,450	17 890 58'8"
-1500 mm -5'0"	kg lb	*10 200 *22,000	9350 20,150	*8700 *18,700	*8700 *18,700	7750 16,600	*7450 *16,050	6500 14,000	*6400 *13,700	5550 11,950	*5350 *11,400	4800 10,300			*4500 *9,900	4350 9,600	17 620 57'9"
-3000 mm -10'0"	kg lb	*9800 *21,150	9100 19,550	*8300 *17,900	*8300 *17,900	7550 16,200	*7050 *15,150	6350 13,700	*5950 *12,700	5450 11,750	*4850 *10,050	4750 *10,050			*4200 *9,200	*4200 *9,200	17 220 56'5"
-4500 mm -15'0"	kg lb	*9100 *19,600	8900 19,150	*7700 *16,500	*7700 *16,500	7400 15,900	*6450 *13,750	6250 13,500	*5300 *11,100	*5300 *11,100					*3800 *8,300	*3800 *8,300	16 670 54'7"
-6000 mm -20'0"	kg lb	*8050 *17,200	*8050 *17,200	*6750 *14,300	*6750 *14,300	*5500 *11,550	*5500 *11,550	*4250 *8,650	*4250 *8,650					*3350 *7,500	*3350 *7,500	15 890 51'8"	
-7500 mm -25'0"	kg lb	*6550 *13,800	*6550 *13,800	*5350 *11,150	*5350 *11,150									*4200 *9,600	*4200 *9,600	13 400 42'11"	



ISO 10567:2007



\* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with  $\pm 5\%$  for all available track shoes.

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

# MH3260 Material Handler Specifications

## Work Tool Offering Guide – North America

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

### PIN-ON ATTACHMENTS

Undercarriage	MH	
Counterweight	12 000 kg (26,460 lb)	
Boom Type	MH	
Stick Length	7.4 m (24'3")	9.1 m (29'10")
Orange Peel Grapples	GSH455-1000	●
	GSH455-1500	○
	GSH455-2000	○
	GSH555-1000	●
	GSH555-1500	○
Clamshell Grapples	CTV30-1900	○
	CTV30-2300	◆

### Maximum Material Density

- 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◆ 900 kg/m<sup>3</sup> (1500 lb/yd<sup>3</sup>)
- No Match

## Work Tool Offering Guide – Europe

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

### PIN-ON ATTACHMENTS

Undercarriage	MH	
Counterweight	12 000 kg (26,460 lb)	
Boom Type	MH	
Stick Length	7.4 m (24'3")	9.1 m (29'10")
Orange Peel Grapples	GSH455-1000	●
	GSH455-1500	○
	GSH455-2000	○
	GSH555-1000	●
	GSH555-1500	○
Clamshell Grapples	CTV30-1700	○
	CTV30-1900	○
	CTV30-2300	◆
	CTV30-2700	◆

### Maximum Material Density

- 1800 kg/m<sup>3</sup> (3,000 lb/yd<sup>3</sup>)
- 1200 kg/m<sup>3</sup> (2,000 lb/yd<sup>3</sup>)
- ◆ 900 kg/m<sup>3</sup> (1,500 lb/yd<sup>3</sup>)
- No Match

# MH3260 Standard and Optional Equipment

## Standard and Optional Equipment

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

	Standard	Optional	Standard	Optional
<b>CAB</b>				
Advanced sound suppressed cab with rubber mount	✓		Cat Equipment Management:	
High-resolution 254 mm (10") LCD touchscreen monitor	✓		– VisionLink™	✓ <sup>1</sup>
Automatic bi-level air conditioner	✓		– Remote Flash	✓
Jog dial and shortcut keys for monitor control	✓		– Remote Troubleshoot	✓
Keyless push-to-start engine control	✓		Cat Payload:	
Tilt-up left-side console	✓		– On-the-go weighing	✓
Air suspension premium seat with headrest, heater, ventilator	✓		– Payload/cycle information	✓
Height-adjustable console, infinite with no tool	✓		<b>ENGINE</b>	
51 mm (2") orange seat belt	✓		Cat C13 diesel engine	✓
Bluetooth® integrated radio (including USB, aux port and microphone)	✓		Cold starting capability down to -32°C (-25°F)	✓
2 × 12V DC outlets	✓		Up to 52°C (125°F) high ambient temperature capability	✓
Auxiliary relay		✓	Primary filter with water separator, water separator indicator switch, and fuel absolute pressure sensor in fuel line	✓
Document storage	✓		Integrated precleaner air filter	✓
Rear storage with net	✓		115 amp alternator	✓
Overhead storage with net	✓		Three vertical side-by-side cooling system	✓
Cup holder	✓		Automatic engine speed control	✓
Fixed one piece windshield (P5A glass)	✓		Electric fuel priming pump	✓
Parallel wiper with washer	✓		Secure start with Personal Identification Number (PIN) code	✓
Fixed P5A glass roof window (with one piece windshield)	✓		Remote disable	✓
Dome and lower LED interior lights	✓		Dual stage 5.5 micron primary filter and 4.4 micron 2nd/3rd filter in Fuel Line	✓
Floor welcome light	✓		<b>HYDRAULIC SYSTEM</b>	
Roller front sunscreen	✓		Hydraulic main pump	✓
Roller rear sunscreen	✓		Main control valve	✓
Rear window emergency exit	✓		Auto warm up	✓
Washable floor mat	✓		Cooling fan pump and motor	✓
Beacon ready	✓		Swing motor	✓
Operator Protective Guards (OPG)	✓		Travel motor	✓
¹Provides 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.				
²Not compatible with 2D E-fence or Cab avoidance.				
³North America only				

(continued on next page)

# MH3260 Standard and Optional Equipment

## Standard and Optional Equipment (continued)

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

	Standard	Optional	Standard	Optional
<b>UNDERCARRIAGE AND STRUCTURES</b>				
Grease lubricated track GLT4, resin seal	✓			
Guard, heavy duty bottom without swivel guard nor travel motor protection (recessed bolts)	✓			
Guard, heavy duty travel motor protection	✓			
Towing eye on base frame	✓			
Three piece track guiding guard	✓			
<b>BOOMS, STICKS AND LINKAGES</b>				
9.9 m (32'6") Material Handler boom	✓			
7.4 m (24'5") Industrial Stick	✓			
9.1 m (29'10") Industrial stick	✓			
<b>ELECTRICAL SYSTEM</b>				
Generator, 25 kW (33.5 hp) with wiring to stick nose	✓			
Power fuse module	✓			
Maintenance free battery	✓			
LED exterior lights (integrated into storage box and mounted on boom and stick sides)	✓			
Compatible with Electronic Technician	✓			
<b>SERVICE AND MAINTENANCE</b>				
Service platform with anti-skid plate and recessed bolts		✓		
Grouped location for engine oil and fuel filters		✓		
Scheduled Oil Sampling (S-O-S <sup>SM</sup> ) ports		✓		
Diagnostic technician (Remote ET)		✓		
Integrated vehicle health management system		✓		
<b>SAFETY AND SECURITY</b>				
Right Hand (RH) handrail and hand hold		✓		
Standard visibility mirror package		✓		
Signaling/warning horn		✓		
Secondary engine shutoff switch, still accessible while cab is in raised position		✓		
Capability to electrically connect a beacon		✓		
Rear and side view cameras		✓		
Caterpillar One Key Security System		✓		
Inspection lighting		✓		
Swing alarm		✓		
Lockable external tool/storage box		✓		
Cab avoidance		✓		
2D E-fence		✓		
360° visibility		✓		
Door locks and cap locks including fuel and hydraulic tanks		✓		
Lockable fuel drain compartment		✓		
Swing Assist		✓		
<b>COOLING SYSTEM</b>				
Cooling fan with reverse fan function		✓		

## Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

### CAB

- Dual exit rear window kit (Canadian regulation)

### SAFETY AND SECURITY

- 76 mm (3") retractable seat belt

### GUARDS

- OPG (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Full protection vandalism guard

### ELECTRICAL

- Jump start wiring

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® C13 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 Cat 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 1.19 kg (2.62 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.702 metric tonnes (1.875 tons).
  - If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 1.19 kg (2.62 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 0.001 metric tonnes (0.001 tons).

## Paint

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

## Sound Performance

ISO 6395:2008 external	108 dB(A)
ISO 6396:2008 internal	72 dB(A)

- External Sound – The labeled 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).
- Blue Angel certified.

## 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 electro-hydraulic systems balance power and efficiency
  - Extended service intervals help decrease maintenance costs
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval
  - Programmable high-efficiency cooling fans run only when needed
  - One-touch low idle with automatic engine speed control
  - 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	86.89%
Iron	7.20%
Other	1.56%
Nonferrous Metal	1.39%
Fluid	1.14%
Mixed-Metal and Nonmetal	0.78%
Plastic	0.72%
Uncategorized	0.15%
Rubber	0.11%
Mixed Metal	0.04%
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 – 97%

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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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AEXQ4110-01 (12-2025)  
Replaces: AEXQ4110-00  
Build Number: 07E  
(Europe, N Am, Türkiye)

