



# MH3260

## Material Handler

# Technical Specifications

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

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# MH3260 Material Handler Specifications

Engine		
Engine Model	Cat® C13	
Engine Power		
ISO 14396	317 kW	425 hp
ISO 14396 (metric)	431 mhp	
Net Power		
ISO 9249	316 kW	424 hp
ISO 9249 (metric)	430 mhp	
80/1269/EEC		424 hp
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) 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.

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

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

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

\*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).

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

# MH3260 Material Handler Specifications

## Standards

Brakes	ISO 10265:2008
Cab/Tip Over Protective Structure (TOPS)	EN474-5:2006 + A3:2013
Operator Protective Guards (OPG)	SAE J1356 MAR2013 ISO 10262-1998 LV 2
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 amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).
- Blue Angel certified.

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.3 kg (2.86 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.859 metric tonnes (2.049 tons).

# MH3260 Material Handler Specifications

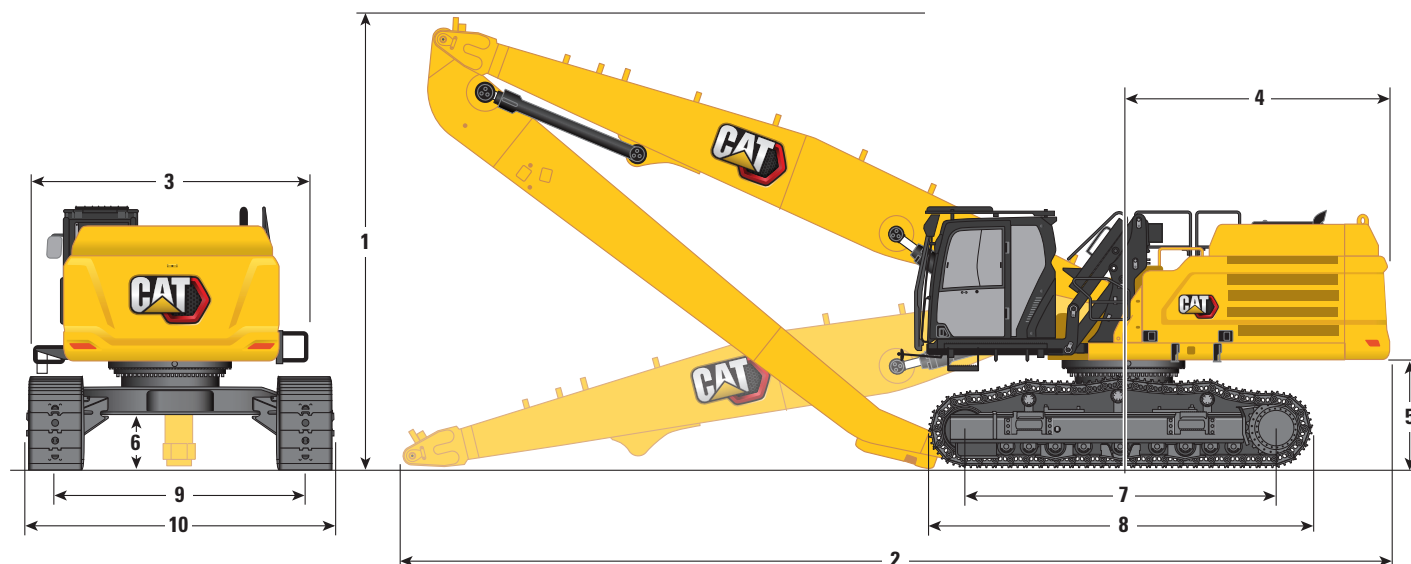
## Major Component Weights

	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

	3760 mm	12'4"	3760 mm	12'4"
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#### 5 Counterweight Clearance

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

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

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

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

Variable Gauge Undercarriage – Retracted	3220 mm	10'7"	3220 mm	10'7"
Variable Gauge Undercarriage – Extended	3720 mm	12'2"	3720 mm	12'2"

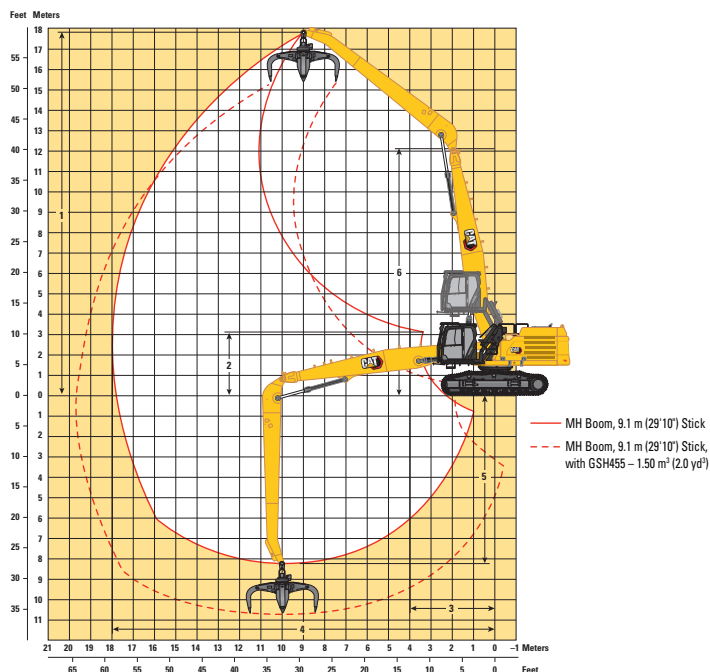
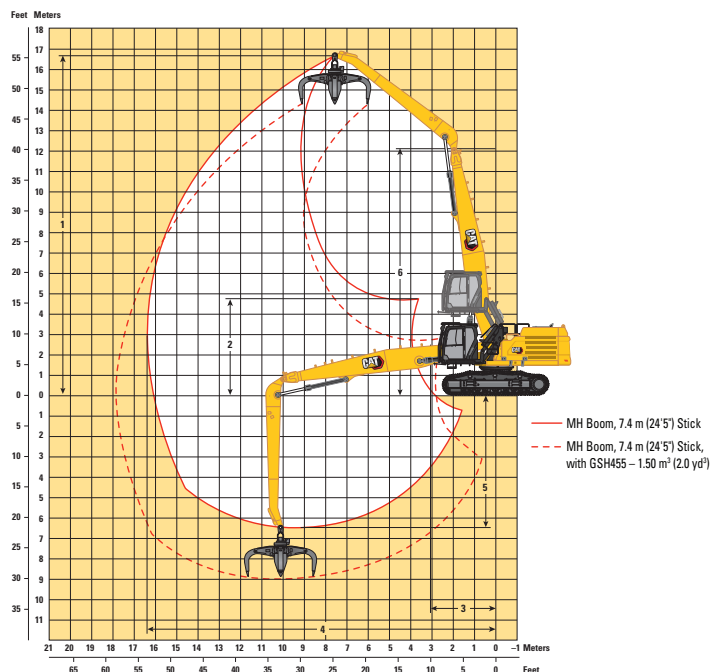
#### 10 Undercarriage Width

Variable Gauge Undercarriage Retracted – 750 mm (30") Shoes	4010 mm	13'2"	4010 mm	13'2"
Variable Gauge Undercarriage Extended – Extended	4510 mm	14'10"	4510 mm	14'10"

# 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")

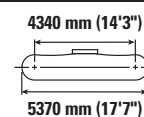
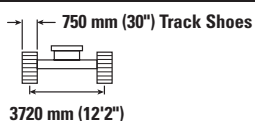
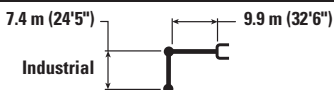
<b>1</b> Maximum Height*	16 770 mm	55'0"	17 820 mm	58'6"
<b>2</b> Minimum Height*	4780 mm	15'8"	3120 mm	10'3"
<b>3</b> Minimum Swing Radius – Front	3090 mm	10'2"	4000 mm	13'1"
<b>4</b> Maximum Reach*	16 450 mm	54'0"	18 000 mm	59'1"
<b>5</b> Maximum Depth*	6470 mm	21'3"	8150 mm	26'9"
<b>6</b> Boom Pin Height	12 120 mm	39'9"	12 120 mm	39'9"

\*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")				mm ft/in
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	6150 13,550	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	5800 12,800	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 *27,500	*6000 *13,200	5350 11,800	16 420 53'10"
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 *26,450	*5700 *12,500	5350 11,800	16 270 53'4"
-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	11 950 25,700	*5300 *11,700	*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	*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	*4300 *9,350	*4300 *9,350	14 900 48'9"
-6000 mm -20'0"	kg lb							*9350 *20,800	*9350 *20,800	*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.

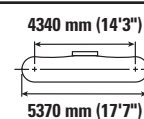
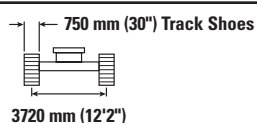
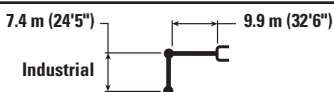
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
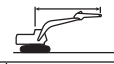










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# MH3260 Material Handler Specifications

## 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 *15,900	*7100 *15,900	10 480 33'4"
13 500 mm 45'0"	kg lb	*9250 *19,350	*9250 *19,350	*6800	*6800					*6650 *14,700	*6650 *14,700	12 080 38'11"
12 000 mm 40'0"	kg lb	*9650 *21,100	*9650 *21,100	*8850 *18,400	*8850 *18,400					*6350 *14,050	*6350 *14,050	13 320 43'2"
10 500 mm 35'0"	kg lb	*9700 *21,100	*9700 *21,100	*8850 *19,250	*8850 *19,250	*8050 *16,250	*8050 *16,250			*6200 *13,700	*6200 *13,700	14 290 46'6"
9000 mm 30'0"	kg lb	*9850 *21,400	*9850 *21,400	*8900 *19,400	*8900 *19,400	*8150 *17,650	8000 17,150	*6300	*6300	*6150 *13,550	*6150 *13,550	15 050 49'2"
7500 mm 25'0"	kg lb	*10 100 *21,900	*10 100 *21,900	*9050 *19,650	*9050 *19,650	*8200 *17,750	7900 16,950	*7400 *15,850	6600 14,150	*6200 *13,600	6150 13,550	15 630 51'1"
6000 mm 20'0"	kg lb	*10 350 *22,500	*10 350 *22,500	*9200 *19,950	*9200 *19,950	*8250 *17,850	7750 16,650	*7400 *15,900	6500 13,950	*6250 *13,750	5800 12,800	16 050 52'6"
4500 mm 15'0"	kg lb	*10 650 *23,100	*10 650 *23,100	*9350 *20,250	9050 19,500	*8300 *17,950	7550 16,250	7300 15,650	6400 13,700	6350 14,050	5550 12,250	16 310 53'5"
3000 mm 10'0"	kg lb	*10 850 *23,550	10 700 23,000	*9450 *20,400	8800 18,900	*8300 *17,900	7350 15,850	7150 15,400	6250 13,450	6200 13,700	5400 11,950	16 440 53'10"
1500 mm 5'0"	kg lb	*10 950 *23,650	10 300 22,150	*9400 *20,350	8500 18,350	*8200 *17,650	7200 15,450	7050 15,150	6150 13,200	*6000 *13,200	5350 11,800	16 420 53'10"
0 mm 0'0"	kg lb	*10 800 *23,350	9950 21,450	*9250 *19,950	8300 17,800	*7950 *17,100	7000 15,100	*6750 *14,450	6050 13,000	*5700 *12,500	5350 11,800	16 270 53'4"
-1500 mm -5'0"	kg lb	*10 400 *22,400	9700 20,850	*8850 *19,000	8100 17,400	*7500 *16,100	6900 14,800	*6250 *13,250	5950 12,800	*5300 *11,700	*5300 *11,700	15 970 52'4"
-3000 mm -10'0"	kg lb	*9650 *20,750	9500 20,500	*8150 *17,450	7950 17,150	*6800 *14,500	6800 *14,500	*5450 *11,300	*5450 *11,300	*4850 *10,700	*4850 *10,700	15 520 50'10"
-4500 mm -15'0"	kg lb	*8500 *18,200	*8500 *18,200	*7100 *15,150	*7100 *15,150	*5750 *12,050	*5750 *12,050			*4300 *9,350	*4300 *9,350	14 900 48'9"
-6000 mm -20'0"	kg lb	*6900 *14,600	*6900 *14,600	*5600 *11,750	*5600 *11,750					*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.

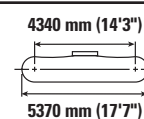
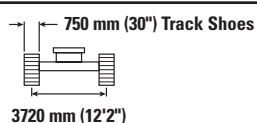
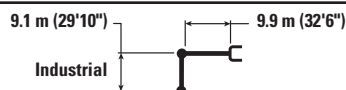
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

















# MH3260 Material Handler Specifications

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

Without attachment



		1500 mm (5'0")		3000 mm (10'0")		4500 mm (15'0")		6000 mm (20'0")		7500 mm (25'0")		9000 mm (30'0")				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	*4550 *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 26,150	*4750 *10,450	4300 9,450	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	*12 150 *26,300	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 *15,750	*7000 *15,750	*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	15 890 51'8"
-7500 mm -25'0"	kg lb									*9150 *19,500	*9150 *19,500	*7800 *16,550	*7800 *16,550	*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.

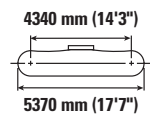
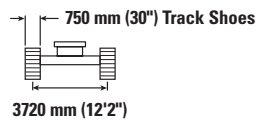
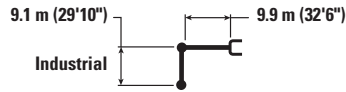
Always refer to the appropriate Operation and Maintenance Manual for specific product information.


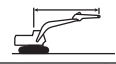














(continued on next page)

# 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	*4950					*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 *15,700	*7250 *15,700	*6650 *14,450	6550 14,000	*4950	*4950			*4400 *9,700	*4400 *9,700	16 770 54'9"
7500 mm 25'0"	kg lb	*8850 *19,250	*8850 *19,250	*8050 *17,450	*8050 *17,450	*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	*9200 *19,950	*9200 *19,950	*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	*9550 *20,750	*9550 *20,750	*8500 *18,350	*8500 *18,350	*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	8650 18,600	*7650 *16,600	7150 15,400	*6800 *14,700	6000 12,900	5850 12,600	5100 10,950	*4800 4350		*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	8300 17,850	*7700 *16,650	6950 14,850	6700 14,400	5850 12,550	5750 12,350	5000 10,700	*4950 4300		*4900 *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	8000 17,200	*7650 *16,500	6700 14,400	6550 14,100	5700 12,200	5650 12,150	4900 10,500			*4750 *10,450	4300 9,400	17 890 58'8"
-1500 mm -5'0"	kg lb	*10 200 *22,000	9350 20,150	*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	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	7400 15,900	*6450 *13,750	6250 13,500	*5300 *11,100	*5300 *11,100	*3950	*3950			*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 ±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
<b>CAB</b>		
Advanced sound suppressed cab with rubber mount	✓	
High-resolution 254 mm (10") LCD touchscreen monitor	✓	
Automatic bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Tilt-up left-side console	✓	
Air suspension premium seat with headrest, heater, ventilator	✓	
Height-adjustable console, infinite with no tool	✓	
51 mm (2") orange seat belt	✓	
Bluetooth® integrated radio (including USB, aux port and microphone)	✓	
2 × 12V DC outlets	✓	
Auxiliary relay		✓
Document storage	✓	
Rear storage with net	✓	
Overhead storage with net	✓	
Cup holder	✓	
Fixed one piece windshield (P5A glass)	✓	
Parallel wiper with washer	✓	
Fixed P5A glass roof window (with one piece windshield)	✓	
Dome and lower LED interior lights	✓	
Floor welcome light	✓	
Roller front sunscreen	✓	
Roller rear sunscreen	✓	
Rear window emergency exit	✓	
Washable floor mat	✓	
Beacon ready	✓	
Operator Protective Guards (OPG)	✓	

<sup>1</sup>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.

<sup>2</sup>Not compatible with 2D E-fence or Cab avoidance.

<sup>3</sup>North America only

	Standard	Optional
<b>CAT TECHNOLOGY</b>		
Cat Equipment Management:		
– VisionLink®	✓ <sup>1</sup>	
– Remote Flash	✓	
– Remote Troubleshoot	✓	
<b>ENGINE</b>		
Diesel engine C13 Tier 4 Final	✓	
–32° C (–25° F) cold start capability	✓	
52° C (125° F) high ambient temperature capability	✓	
Primary filter with water separator, water separator indicator switch, and fuel absolute pressure sensor in fuel line	✓	
Integrated precleaner air filter	✓	
115 amp alternator	✓	
Three vertical side-by-side cooling system	✓	
Automatic engine speed control	✓	
Electric fuel priming pump	✓	
Secure start with Personal Identification Number (PIN) code	✓	
Remote disable	✓	
Dual stage 5.5 micron primary filter and 4.4 micron 2nd/3rd filter in Fuel Line	✓	
<b>HYDRAULIC SYSTEM</b>		
Hydraulic main pump	✓	
Main control valve	✓	
Auto warm up	✓	
Cooling fan pump and motor	✓	
Swing motor	✓	
Travel motor	✓	
Boom and stick regeneration circuits	✓	
Two travel speed modes	✓	
Medium pressure (grapple rotate) and cab riser valve	✓	
Boom lowering control device and stick lowering check valve	✓	
Capability of installing Cat Bio Hydraulic Oil	✓	
Anti-reaction valve	✓	
Automatic swing parking brake	✓	
SmartBoom™	✓ <sup>2</sup>	
Hydraulic return filters	✓	
Fine swing capability	✓ <sup>3</sup>	

(continued on next page)

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

<b>CAB</b> <ul style="list-style-type: none"><li>• Dual exit rear window kit (Canadian regulation)</li></ul> <b>SAFETY AND SECURITY</b> <ul style="list-style-type: none"><li>• 76 mm (3") retractable seat belt</li></ul>	<b>GUARDS</b> <ul style="list-style-type: none"><li>• OPG (not compatible with cab light cover, rain protector)</li><li>• Mesh guard lower half front</li><li>• Full protection vandalism guard</li></ul>	<b>ELECTRICAL</b> <ul style="list-style-type: none"><li>• Jump start wiring</li></ul>
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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) 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.

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

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

## Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.3 kg (2.86 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.859 metric tonnes (2.049 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 amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound – The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).
- 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

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://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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AEXQ4110-00 (11-2024)  
Build Number: 07E  
(Europe, N Am, Türkiye)

