



# MH3040

## 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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# MH3040 Material Handler Specifications

## Engine

Engine Model	Cat® C7.1 <sup>(1)</sup>	
Engine Power		
ISO 14396:2002	152 kW	204 hp
ISO 14396 (DIN)		207 mhp
Net Power <sup>(2)</sup>		
ISO 9249:2007	151 kW	202 hp
ISO 9249 (DIN)		205 mhp
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.0 L	428 in <sup>3</sup>
Number of Cylinders	6	
Biodiesel Capability	Up to B20 <sup>(3)</sup>	

<sup>(1)</sup>Meets EU Stage V and U.S. EPA Tier 4 Final emission standards.

<sup>(2)</sup>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.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).

<sup>(3)</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 (hydrogenated 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.

## Transmission

Forward/Reverse		
1st Gear	6 km/h	3.7 mph
2nd Gear	18 km/h	11.2 mph
Creeper Speed		
1st Gear	3 km/h	1.9 mph
2nd Gear	12 km/h	7.5 mph
Drawbar Pull	154 kN	34,621 lbf
Maximum Gradeability (41 000 kg/90,390 lb)	43.8%	
Maximum Towable Dual Axles Trailer Mass	50 000 kg	110,000 lb

## Service Refill Capacity

Fuel Tank (total capacity)	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	10 L	2.6 gal
Rear Axle Housing (differential)	19 L	5 gal
Front Steering Axle (differential)	24 L	6.3 gal
Final Drive	6 L	1.6 gal
Powershift Transmission	2.9 L	0.8 gal
Hydraulic System (including tank)	329 L	86.9 gal
Hydraulic Tank	147 L	38.8 gal
Diesel Exhaust Fluid (DEF) Tank	41 L	10.8 gal

## Swing Mechanism

Swing Speed	6 rpm	
Maximum Swing Torque	82 kN·m	60,628 lbf-ft

## Undercarriage

Ground Clearance	255 mm	10.0 in
Maximum Steering Angle	23.5°	
Oscillation Axle Angle	±5.5°	
Minimum Turning Radius		
Outside of Stabilizer	9182 mm	30.1 ft

## Weights

Operating Weights <sup>(1)</sup>		
Minimum	37 000 kg	81,500 lb
Maximum	39 000 kg	86,000 lb

### Typical Configurations

Scrapyard Configuration <sup>(2)</sup>	38 600 kg	85,100 lb
Millyard Configuration <sup>(3)</sup>	37 200 kg	82,000 lb
Log Loader Configuration <sup>(4)</sup>	37 300 kg	82,250 lb
Harbor Configuration <sup>(5)</sup>	38 700 kg	85,350 lb

<sup>(1)</sup>Operating weight includes full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb) and single tires. Weight varies depending on configuration.

<sup>(2)</sup>Scrapyard configuration includes 9.3 m (30'6") material handler (MH) Boom, 7.1 m (23'3") industrial stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb), 20 kW generator and single solid tires.

<sup>(3)</sup>Millyard configuration includes 9.3 m (30'6") MH Boom, 5.7 m (18'8") industrial stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb) and single pneumatic tires.

<sup>(4)</sup>Log Loader configuration includes Over/Under Log Loader Linkage with, full fuel tank, 75 kg (165 lb) operator, grapple 1344 kg (2,960 lb) and single pneumatic tires.

<sup>(5)</sup>Harbor configuration includes Barge Boom, 7.1 m (23'3") industrial stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb) and single solid tires.

# MH3040 Material Handler Specifications

## Hydraulic System

Main System – Maximum Flow	560 L/min (280 × 2 pumps)	148 gal (74 × 2 pumps)
Maximum Pressure – Implements	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 400 kPa	4,061 psi
Medium Pressure – Maximum Flow	60 L/min	16 gal/min
Medium Pressure – Max Pressure	23 000 kPa	3,336 psi
Material Handler Cylinders		
Boom Cylinder – Bore	150 mm	5.9 in
Boom Cylinder – Stroke	1350 mm	53.1 in
Stick Cylinder – Bore	130 mm	5.1 in
Stick Cylinder – Stroke	1301 mm	51.2 in
Log Loader Cylinders		
Boom Cylinder – Bore	150 mm	5.9 in
Boom Cylinder – Stroke	1400 mm	55.1 in
Stick Cylinder – Bore	180 mm	7.1 in
Stick Cylinder – Stroke	1651 mm	65.0 in
Heel Cylinder – Bore	160 mm	6.3 in
Heel Cylinder – Stroke	1467 mm	57.8 in

## Tires

16.00 – 25 (Single Solid Rubber)

23.50 – R25 (Single Pneumatic)

## 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 7096:2020-spectral class EM6	<0.7	

## Standards

Cab/Tip Over Protective Structure (TOPS)	EN474-5:2006 + A3:2013
Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II
Cab/Sound Levels	Meets appropriate standards as listed below

## Sound Performance

Operator Sound	
ISO 6396:2008	72 dB(A)
Exterior Sound	
ISO 6395:2008	101 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).

## Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.2 kg of refrigerant which has a CO<sub>2</sub> equivalent of 1.716 metric tonnes.

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## Major Component Weights

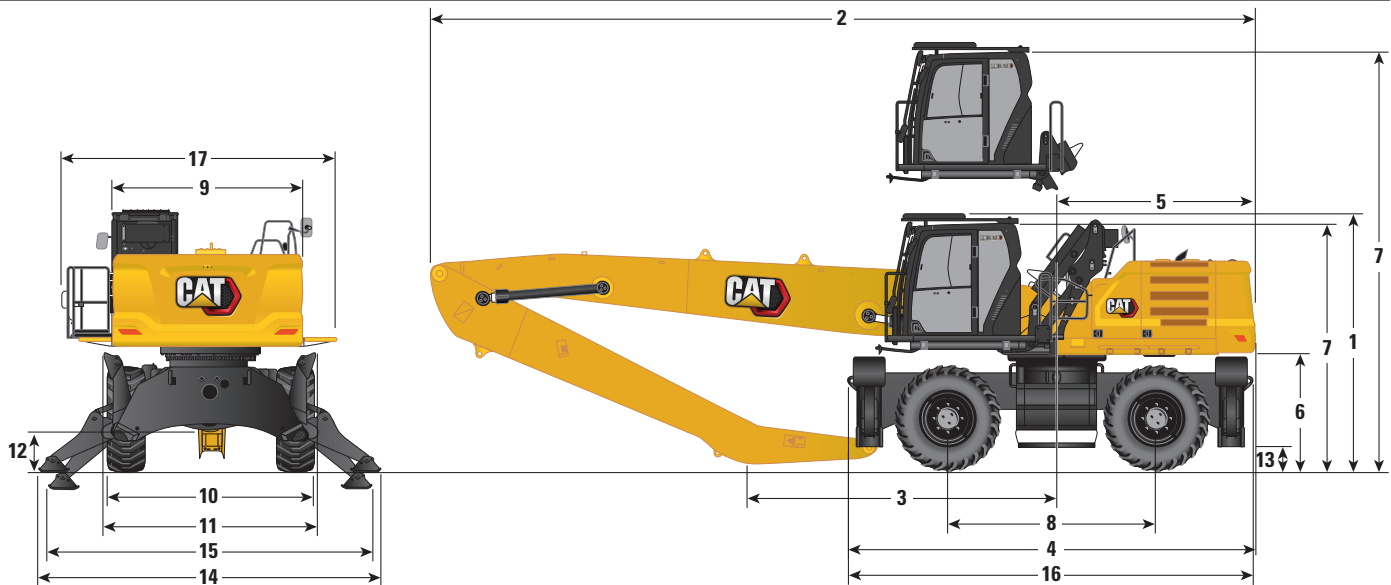
	kg	lb
Weights: Boom (including boom and stick cylinders, pins and standard hydraulic lines)		
MH Boom 9.3 m (30'6")	4005	8,830
MH Boom 10.4 m (34'9")	4350	9,600
LL Boom 6.8 m (22'4")*	4090	9,020
Barge Boom 9.9 m (32'6")	4450	9,800
Sticks (including pins and standard hydraulic lines):		
Industrial Stick 5.7 m (18'8")	1490	3,280
Industrial Stick 7.1 m (23'3")	1625	3,580
Industrial Stick 7.5 m (24'9")	1700	3,750
Over/Under Stick 4.1 m (13'3") (including heel cylinder)*	1710	3,770
Counterweight:		
7700 kg (16,980 lb) Counterweight	7700	16,980
Undercarriage (including axles, solid tires and steps):		
Outriggers Front and Rear	12 940	28,530
Set of Tires:		
Single Solid Tires 16.00-25	3050	6,720
Single Pneumatic Tires 23.50-R25	2085	4,600
Heel*	780	1,720
Optional Equipment:		
Generator	285	630
OPG Guard	130	290
High Impact Resistance Windshield (P8B glass)	70	154
Grapples (with mounting bracket):		
GSH425-750-S (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	1674	3,690
GSH425-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	1712	3,770
GSH425-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	1767	3,900
GSH440-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2183	4,810
GSH440-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2215	4,880
GSH525-750-S (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	1976	4,360
GSH525-750-C (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	2168	4,780
GSH525-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2024	4,460
GSH525-950-C (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2246	4,950
GSH525-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2092	4,610
GSH525-1150-C (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2334	5,150
GLL55B	1291	2,850
GLL60B	1344	2,960

\*North America only.

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## Dimensions

All dimensions are approximate. Values are with 16.00-25 single solid tires.



Boom Options	MH Boom 9.3 m (30'6")		MH Boom 10.4 m (34'9")			
	Industrial 5.7 m (18'8")	Industrial 7.1 m (23'3")	Industrial 7.5 m (24'9")	Industrial 7.5 m (24'9")		
<b>1</b> Shipping Height with Operator Protective Guards (highest point between boom and cab)	3805 mm	12'6"	3805 mm	12'6"	3805 mm	12'6"
<b>2</b> Shipping Length	12 800 mm	42'0"	12 800 mm	42'0"	13 870 mm	45'6"
<b>3</b> Support Point	5890 mm	19'4"	4620 mm	15'2"	5500 mm	18'0"
<b>4</b> Machine Length	6330 mm	20'9"	6330 mm	20'9"	6330 mm	20'9"
<b>5</b> Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"
<b>6</b> Counterweight Clearance	1740 mm	5'9"	1740 mm	5'9"	1740 mm	5'9"
<b>7</b> Cab Height						
Cab Lowered – without Operator Protective Guards	3660 mm	12'0"	3660 mm	12'0"	3660 mm	12'0"
Cab Lowered – with Operator Protective Guards	3805 mm	12'6"	3805 mm	12'6"	3805 mm	12'6"
Cab Raised – without Operator Protective Guards	6255 mm	20'6"	6255 mm	20'6"	6255 mm	20'6"
Cab Raised – with Operator Protective Guards	6400 mm	21'0"	6400 mm	21'0"	6400 mm	21'0"
<b>8</b> Wheel Base	3210 mm	10'6"	3210 mm	10'6"	3210 mm	10'6"
<b>9</b> Shipping Width	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
<b>10</b> Outside Tires*	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
<b>11</b> Width with Outriggers Fully Up	3235 mm	10'7"	3235 mm	10'7"	3235 mm	10'7"
<b>12</b> Ground Clearance (axle)	420 mm	1'5"	420 mm	1'5"	420 mm	1'5"
<b>13</b> Ground Clearance (frame)	265 mm	0'10"	265 mm	0'10"	265 mm	0'10"
<b>14</b> Width with Outriggers on Ground	5410 mm	17'9"	5410 mm	17'9"	5410 mm	17'9"
<b>15</b> Width with Outriggers Fully Down	5255 mm	17'3"	5255 mm	17'3"	5255 mm	17'3"
<b>16</b> Undercarriage Length	6225 mm	20'5"	6225 mm	20'5"	6425 mm	21'1"
<b>17</b> Upperframe Width	2960 mm	9'8"	2960 mm	9'8"	2960 mm	9'8"
Including Handrails	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
Including Walkways	3970 mm	13'0"	3970 mm	13'0"	3970 mm	13'0"
Including Cab Platform and Walkways	4145 mm	13'7"	4145 mm	13'7"	4145 mm	13'7"

\*With solid tires. For pneumatic tires add 180 mm (0'7").

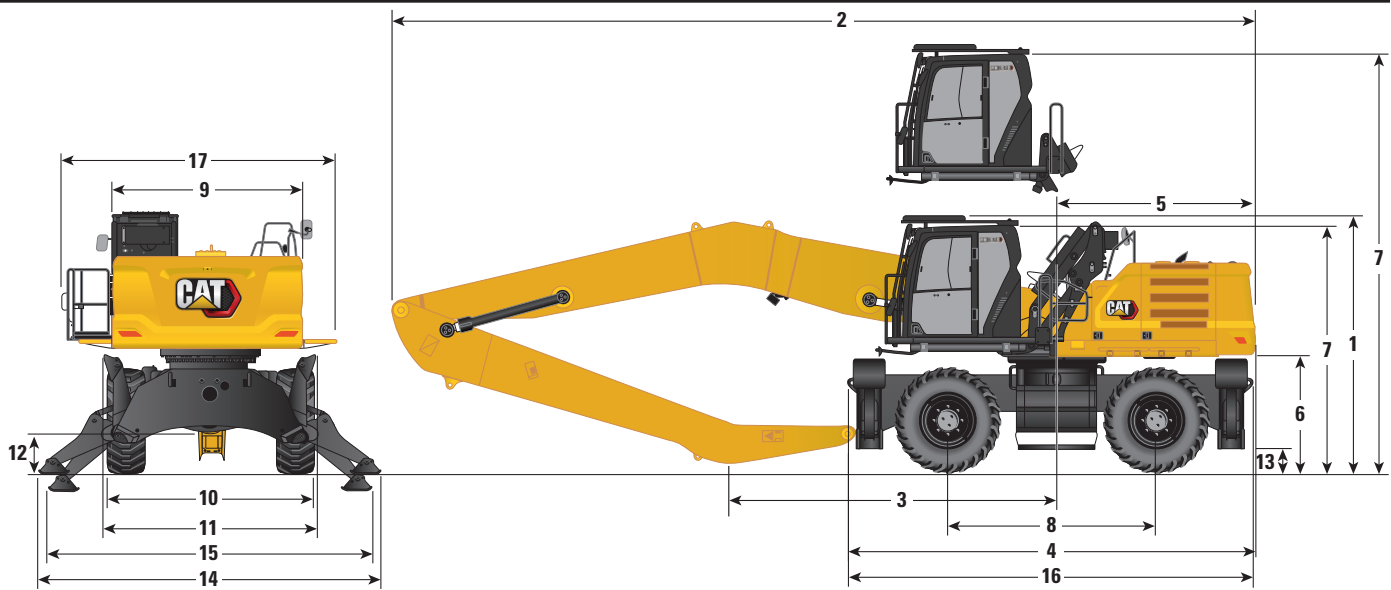
\*\*North America only.

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# MH3040 Material Handler Specifications

## Dimensions (continued)

All dimensions are approximate. Values are with 16.00-25 single solid tires.



Boom Option	Log Loader Boom 6.8 m (22'4")**		Barge Boom 9.9 m (32'6")			
Stick Options	Over/Under Stick 4.1 m (13'3")		Industrial 5.7 m (18'8")		Industrial 7.1 m (23'3")	
1 Shipping Height with Operator Protective Guards (highest point between boom and cab)	3880 mm	12'9"	3805 mm	12'6"	3805 mm	12'6"
2 Shipping Length	10 350 mm	33'11"	13 360 mm	43'10"	13 380 mm	43'11"
3 Support Point	4750 mm	15'7"	6460 mm	21'2"	5100 mm	16'9"
4 Machine Length	6330 mm	20'9"	6330 mm	20'9"	6330 mm	20'9"
5 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"	3130 mm	10'3"
6 Counterweight Clearance	1740 mm	5'9"	1740 mm	5'9"	1740 mm	5'9"
7 Cab Height						
Cab Lowered – without Operator Protective Guards	3660 mm	12'0"	3660 mm	12'0"	3660 mm	12'0"
Cab Lowered – with Operator Protective Guards	3805 mm	12'6"	3805 mm	12'6"	3805 mm	12'6"
Cab Raised – without Operator Protective Guards	6255 mm	20'6"	6255 mm	20'6"	6255 mm	20'6"
Cab Raised – with Operator Protective Guards	6400 mm	21'0"	6400 mm	21'0"	6400 mm	21'0"
8 Wheel Base	3210 mm	10'6"	3210 mm	10'6"	3210 mm	10'6"
9 Shipping Width	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
10 Outside Tires*	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
11 Width with Outriggers Fully Up	3235 mm	10'7"	3235 mm	10'7"	3235 mm	10'7"
12 Ground Clearance (axle)	420 mm	1'5"	420 mm	1'5"	420 mm	1'5"
13 Ground Clearance (frame)	265 mm	0'10"	265 mm	0'10"	265 mm	0'10"
14 Width with Outriggers on Ground	5410 mm	17'9"	5410 mm	17'9"	5410 mm	17'9"
15 Width with Outriggers Fully Down	5255 mm	17'3"	5255 mm	17'3"	5255 mm	17'3"
16 Undercarriage Length	6425 mm	21'1"	6225 mm	20'5"	6225 mm	20'5"
17 Upperframe Width	2960 mm	9'8"	2960 mm	9'8"	2960 mm	9'8"
Including Handrails	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
Including Walkways	3970 mm	13'0"	3970 mm	13'0"	3970 mm	13'0"
Including Cab Platform and Walkways	4145 mm	13'7"	4145 mm	13'7"	4145 mm	13'7"

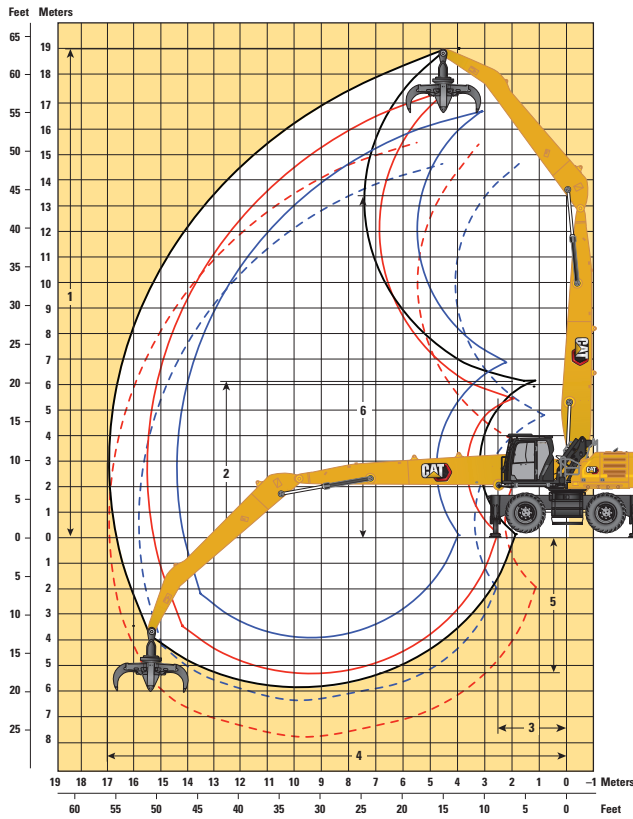
\*With solid tires. For pneumatic tires add 180 mm (0'7").

\*\*North America only.

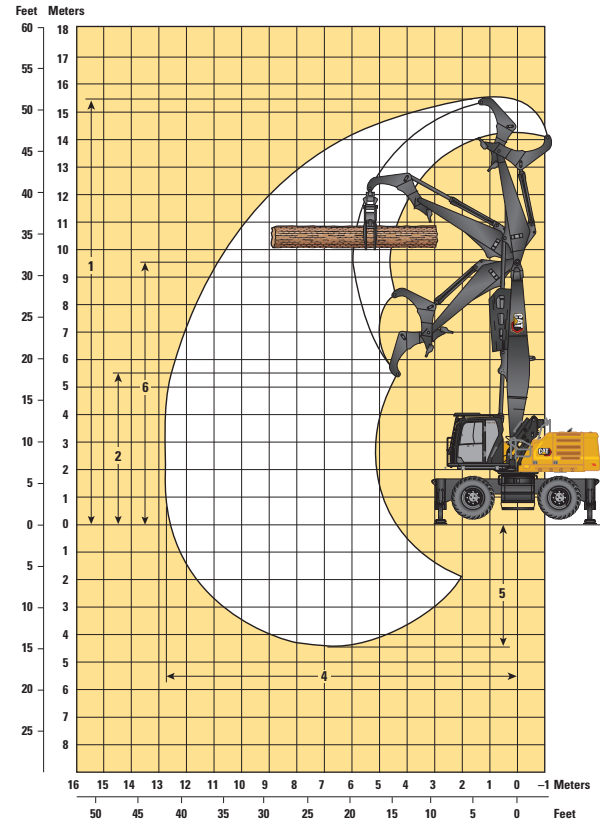
# MH3040 Material Handler Specifications

## Working Ranges and Forces

All dimensions are approximate.



- MH-Boom, 7.5 m (24'9") Stick, On Stabilizer
- MH-Boom, 7.1 m (23'3") Stick, On Stabilizer
- - - MH-Boom, 7.1 m (23'3") Stick, On Stabilizer, with GSH425 – 1.15 m<sup>3</sup>/1.5 yd<sup>3</sup>
- MH-Boom, 5.7 m (18'8") Stick, On Stabilizer
- - - MH-Boom, 5.7 m (18'8") Stick, On Stabilizer, with GSH425 – 1.15 m<sup>3</sup>/1.5 yd<sup>3</sup>



Maximum top of level log height: 11 000 mm (36'1")

Boom Options	MH Boom 9.3 m (30'6")		MH Boom 10.4 m (34'9")		Log Loader Boom 6.8 m (22'4")*			
	Industrial Stick				Over/Under Stick			
	5.7 m (18'8")		7.1 m (23'3")		4.1 m (13'3")			
1 Maximum Height	16 670 mm	54'8"	17 510 mm	57'5"	19 000 mm	62'4"	15 380 mm	50'6"
2 Dump Height at Minimum Reach	6895 mm	22'7"	5445 mm	17'10"	6180 mm	20'3"	5550 mm	18'3"
3 Minimum Reach	2210 mm	7'3"	1920 mm	6'4"	2510 mm	8'3"	—	—
4 Maximum Reach	14 390 mm	47'3"	15 490 mm	50'10"	17 000 mm	55'9"	12 800 mm	42'0"
5 Maximum Depth	3865 mm	12'8"	5265 mm	17'3"	5830 mm	19'1"	4420 mm	14'6"
6 Boom Pin Height	12 195 mm	40'0"	12 195 mm	40'0"	13 350 mm	43'9"	9560 mm	31'4"

All dimensions refer to stick/heel nose pin.  
Machine on stabilizers.

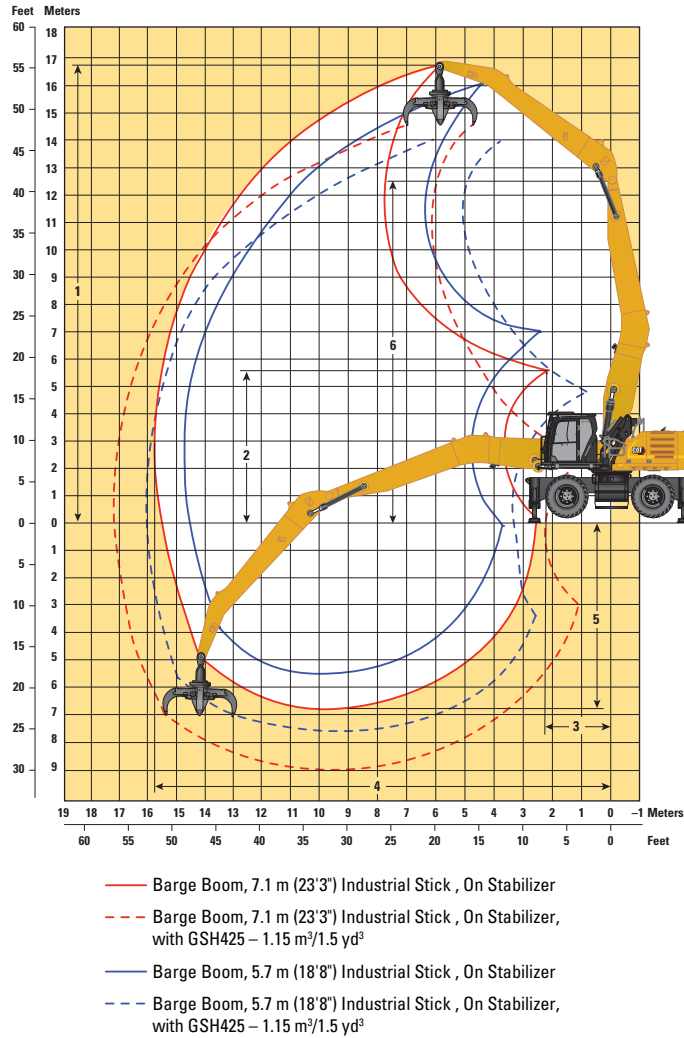
\*North America only.

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# MH3040 Material Handler Specifications

## Working Ranges and Forces (continued)

All dimensions are approximate.



Boom Option	Barge Boom 9.9 m (32'6")			
	Industrial Stick			
Stick Options	5.7 m (18'8")		7.1 m (23'3")	
1 Maximum Height	16 310 mm	53'6"	16 840 mm	55'3"
2 Dump Height at Minimum Reach	7010 mm	23'	5560 mm	18'3"
3 Minimum Reach	2450 mm	8'	2250 mm	7'5"
4 Maximum Reach	14 780 mm	48'6"	15 820 mm	51'11"
5 Maximum Depth	5450 mm	17'11"	6850 mm	22'6"
6 Boom Pin Height	12 580 mm	41'3"	12 580 mm	41'3"

All dimensions refer to stick/heel nose pin.

Machine on stabilizers.


\*North America only.




# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


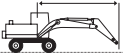
















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 5.7 m (18'8") Industrial

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				mm ft/in	
																			
16.5 m 55.0 ft	kg lb																*8700	*8700	3790
15.0 m 50.0 ft	kg lb	*21,200	*21,200	*17,800	*17,800												*6600	*6600	7390
13.5 m 45.0 ft	kg lb			*9900	*9900	*8750	*8750	*6800	*6800								*14,900	*14,900	22'10"
12.0 m 40.0 ft	kg lb			*10,850	*10,850	*9500	*9500	*8450	*8450	*6550	*6550						*5850	*5850	9480
10.5 m 35.0 ft	kg lb			*11,050	*11,050	*9550	*9550	*8500	*8500	*7650	*7650	*5600	*5600				*13,050	*13,050	30'2"
9.0 m 30.0 ft	kg lb			*11,500	*11,500	*9850	*9850	*8650	*8650	*7700	*7700	*6950	6900				*5500	*5500	10,970
7.5 m 25.0 ft	kg lb	*15,500	*15,500	*12,300	*12,300	*10,300	*10,300	*8900	*8900	*7800	*7800	*6950	6800	*5500	*5500		*12,200	*12,200	35'5"
6.0 m 20.0 ft	kg lb	*17,500	*17,500	*13,300	*13,300	*10,850	*10,850	*9150	*9150	*7950	*7950	*7000	6700	*6150	5600		*5300	*5300	12,090
4.5 m 15.0 ft	kg lb	*13,250	*13,250	*14,250	*14,250	*11,300	*11,300	*9400	*9400	*8050	8000	*7000	6550	*6100	5500		*5250	*5250	13,580
3.0 m 10.0 ft	kg lb			*14,650	*14,650	*11,550	*11,550	*9500	*9500	*8050	7800	*6950	6450	*5950	5450		*11,550	*11,550	44'4"
1.5 m 5.0 ft	kg lb			*10,350	*10,350	*11,400	*11,400	*9400	*9400	*7900	7650	*6750	6350	*5650	5350		*11,700	*11,700	14,080
0 m 0 ft	kg lb	*4400	*4400	*9000	*9000	*10,750	*10,750	*8950	*8950	*7550	7500	*6350	6250	*5200	*5200		*12,000	*12,000	45'10"
-1.5 m -5.0 ft	kg lb			*9150	*9150	*9700	*9700	*8200	*8200	*6900	*6900	*5700	*5700	*4450	*4450		*13,250	*13,250	14,290
-3.0 m -10.0 ft	kg lb					*8200	*8200	*7050	*7050	*5900	*5900	*4750	*4750				*11,850	*11,850	46'9"
						*17,750	*17,750	*15,150	*15,150	*12,600	*12,600	*9,950	*9,950				*20,400	*20,400	14,390
																	*17,450	*17,450	47'2"
																	*14,500	*14,500	14,340
																	*10,950	*10,950	47'0"
																	*10,150	*10,150	14,130
																	*9,200	*9,200	46'4"
																	*9,200	*9,200	45'0"
																	*9,650	*9,650	12,470
																	*9,650	*9,650	40'7"



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.

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


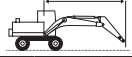


















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 5.7 m (18'8") Industrial

		3.0m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				mm ft/in
																				
15.0 m 50.0 ft	kg lb			*9650 *20,650	*9650 *20,650	*8150 *16,700	*8150 *16,700											*6800 *15,450	*6800 *15,450	6930 21'2"
13.5 m 45.0 ft	kg lb					*9700 *20,850	*9700 *20,850	*8450 *17,700	7650 16,350	*6300 13,900	5650 12,300							*5950 *13,300	5450 12,550	9170 29'2"
12.0 m 40.0 ft	kg lb					*10 650 *23,150	*10 650 *23,150	*9500 *20,700	7750 16,650	7400 15,800	5750 12,300	5700 12,250	4400 9,450					5450 *12,300	4200 9,500	10 740 34'7"
10.5 m 35.0 ft	kg lb					*11 000 *23,900	10 950 23,500	*9550 *20,750	7700 16,550	7350 15,800	5750 12,350	5700 12,250	4450 9,450					4550 10,250	3500 7,850	11 920 38'8"
9.0 m 30.0 ft	kg lb					*11 400 *24,700	10 650 22,950	9700 20,850	7550 16,200	7250 15,600	5650 12,100	5650 12,150	4400 9,400	4500 9,700	3450 7,400			4000 8,950	3050 6,750	12 820 41'9"
7.5 m 25.0 ft	kg lb			*15 150 *32,700	*15 150 *32,700	*12 150 *26,250	10 200 21,950	9350 20,200	7250 15,600	7050 15,200	5450 11,750	5550 11,900	4250 9,150	4450 9,550	3400 7,300			3650 8,100	2750 6,050	13 480 44'0"
6.0 m 20.0 ft	kg lb		*54,100	*17 100 *36,850	14 650 31,650	12 550 27,100	9500 20,500	8950 19,300	6850 14,750	6800 14,650	5200 11,200	5400 11,550	4100 8,800	4350 9,350	3300 7,100	3600 7,700	2700 5,750	3400 7,500	2550 5,600	13 950 45'8"
4.5 m 15.0 ft	kg lb			18 000 38,900	12 850 27,850	11 650 25,200	8650 18,750	8450 18,200	6350 13,750	6500 14,000	4900 10,600	5200 11,150	3900 8,450	4250 9,150	3200 6,850	3550 7,600	2650 5,650	3250 7,150	2400 5,250	142 50 46'8"
3.0 m 10.0 ft	kg lb					10 800 23,350	7900 17,050	7950 17,200	5900 12,750	6200 13,350	4650 10,000	5000 10,750	3750 8,050	4150 8,850	3100 6,600	3450 7,450	2550 5,500	3150 6,900	2300 5,100	14 380 47'2"
1.5 m 5.0 ft	kg lb					10 200 22,000	7300 15,800	7550 16,300	5550 11,950	5950 12,800	4400 9,450	4850 10,400	3600 7,700	4000 8,650	2950 6,400	3400 7,300	2500 5,350	3100 6,850	2300 5,000	14 360 47'1"
0 m 0 ft	kg lb			*4200 *9,550	*4200 *9,550	*9050 *21,000	7000 15,150	7300 15,750	5300 11,450	5750 12,400	4200 9,050	4700 10,100	3450 7,400	3950 8,450	2900 6,200	3350 7,200	2450 5,250	3150 6,900	2300 5,050	14 170 46'5"
-1.5 m -5.0 ft	kg lb					*9050 *20,750	6900 14,900	7150 15,450	5150 11,150	5650 12,150	4100 8,850	4600 9,950	3350 7,250	3900 8,350	2850 6,100	3350 7,200	2450 5,250	3250 7,150	2350 5,200	13 820 45'3"
-3.0 m -10.0 ft	kg lb					*9650 *20,900	6950 14,950	7150 15,350	5150 11,050	5600 12,050	4050 8,750	4600 9,850	3350 7,200	3850 8,350	2850 6,100			3550 7,900	2600 5,750	12 840 41'10"



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.


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# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, air pneumatic tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


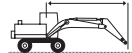
















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 5.7 m (18'8") Industrial

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				mm ft/in	
																			
16.5 m 55.0 ft	kg lb																*8700	*8700	3790
15.0 m 50.0 ft	kg lb	*21,200	*21,200	*8550	*8550												*6600	*6600	7390
13.5 m 45.0 ft	kg lb			*9900	*9900	*8750	*8750	*6800	*6800								*14,900	*14,900	22'10"
12.0 m 40.0 ft	kg lb			*10,850	*10,850	*9500	*9500	*8450	*8450	*6550	*6550						*5850	*5850	9480
10.5 m 35.0 ft	kg lb			*11,050	*11,050	*9550	*9550	*8500	*8500	*7650	*7650	*5600	*5600				*13,050	*13,050	30'2"
9.0 m 30.0 ft	kg lb			*11,500	*11,500	*9850	*9850	*8650	*8650	*7700	*7700	*6950	6700				*5500	*5500	10,970
7.5 m 25.0 ft	kg lb	*15,500	*15,500	*12,300	*12,300	*10,300	*10,300	*8900	*8900	*7800	*7800	*6950	6650	*5500	5450		*12,200	*12,200	35'5"
6.0 m 20.0 ft	kg lb	*17,500	*17,500	*13,300	*13,300	*10,850	*10,850	*9150	*9150	*7950	*7950	*7000	6500	*6150	5400		*5300	*5300	12,090
4.5 m 15.0 ft	kg lb	*13,250	*13,250	*14,250	*14,250	*11,300	*11,300	*9400	*9400	*8050	7800	*7000	6400	*6100	5350		*5250	*5250	13,580
3.0 m 10.0 ft	kg lb			*14,650	*14,650	*11,550	*11,550	*9500	9500	*8050	7600	*6950	6250	*5950	5300		*11,550	*11,550	44'4"
1.5 m 5.0 ft	kg lb			*10,350	*10,350	*11,400	*11,400	*9400	9250	*7900	7400	*6750	6150	*5650	5200		*11,700	*11,700	45'10"
0 m 0 ft	kg lb	*4400	*4400	*9000	*9000	*10,750	*10,750	*8950	*8950	*7550	7300	*6350	6050	*5200	5150		*10,950	*10,950	47'2"
-1.5 m -5.0 ft	kg lb			*9150	*9150	*9700	*9700	*8200	*8200	*6900	*6900	*5700	*5700	*4450	*4450		*10,150	*10,150	14,130
-3.0 m -10.0 ft	kg lb					*8200	*8200	*7050	*7050	*5900	*5900	*4750	*4750				*9,200	*9,200	13,750
						*17,750	*17,750	*15,150	*15,150	*12,600	*12,600	*9,950	*9,950				*9,650	*9,650	12,470



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.


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# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, air pneumatic tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


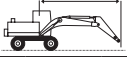
















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 5.7 m (18'8") Industrial

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				mm ft/in
																		
15.0 m 50.0 ft	kg lb	*20,650	*20,650	*8150 *16,750	*8150 *16,750											*6800 *15,450	*6800 *15,450	6950 21'3"
13.5 m 45.0 ft	kg lb			*9700 *20,850	*9700 *20,850	*8450 *17,700	7450 15,950	*6350 15,450	5500 11,950							*5950 *13,300	5300 12,200	9180 29'2"
12.0 m 40.0 ft	kg lb			*10 700 *23,150	*10 700 *23,150	*9500 *20,700	7550 16,200	7250 15,450	5600 11,950	5550 12,000	4250 9,200					5300 12,000	4050 9,200	10 750 34'8"
10.5 m 35.0 ft	kg lb			*11 000 *23,900	10 650 22,900	*9550 *20,750	7500 16,100	7200 15,500	5600 12,000	5600 11,950	4300 9,200					4450 9,950	3400 7,550	11 930 38'8"
9.0 m 30.0 ft	kg lb			*11 400 *24,700	10 400 22,350	9500 20,400	7350 15,750	7100 15,250	5500 11,750	5550 11,850	4250 9,100	4400 9,450	3350 7,150			3900 8,700	2950 6,550	12 820 41'9"
7.5 m 25.0 ft	kg lb	*15 200 *32,750	*15 200 *32,750	*12 150 *26,250	9900 21,350	9150 19,750	7050 15,150	6900 14,850	5300 11,400	5400 11,650	4150 8,850	4350 9,350	3300 7,050			3550 7,850	2650 5,850	13 490 44'0"
6.0 m 20.0 ft	kg lb	*17 100 *36,850	14 200 30,750	12 300 26,550	9200 19,900	8750 18,850	6650 14,300	6650 14,300	5050 10,850	5250 11,300	3950 8,550	4250 9,150	3200 6,850	3500 7,500	2600 5,550	3300 7,300	2450 5,400	13 960 45'8"
4.5 m 15.0 ft	kg lb	17 600 38,000	12 400 26,950	11 400 24,600	8400 18,150	8250 17,800	6150 13,300	6350 13,650	4750 10,250	5050 10,900	3800 8,150	4150 8,900	3100 6,600	3450 7,400	2550 5,400	3150 6,950	2300 5,050	14 250 46'8"
3.0 m 10.0 ft	kg lb			10 550 22,750	7600 16,450	7750 16,750	5700 12,350	6050 13,050	4500 9,650	4850 10,500	3600 7,750	4000 8,650	2950 6,350	3350 7,250	2450 5,300	3050 6,700	2250 4,900	14 390 47'2"
1.5 m 5.0 ft	kg lb			9950 21,400	7050 15,200	7400 15,900	5350 11,550	5800 12,450	4250 9,100	4700 10,100	3450 7,400	3900 8,400	2850 6,150	3300 7,100	2400 5,150	3050 6,650	2200 4,800	14 360 47'1"
0 m 0 ft	kg lb	*4200 *9,600	*4200 *9,600	*9050 20,700	6750 14,550	7100 15,350	5100 11,000	5600 12,050	4050 8,750	4550 9,850	3300 7,150	3800 8,200	2750 5,950	3250 7,000	2350 5,050	3050 6,700	2200 4,850	14 170 46'5"
-1.5 m -5.0 ft	kg lb			*9050 20,450	6650 14,300	7000 15,050	4950 10,700	5500 11,800	3950 8,500	4500 9,650	3250 6,950	3750 8,100	2700 5,850	3250 7,000	2350 5,050	3150 6,900	2300 5,000	13 820 45'3"
-3.0 m -10.0 ft	kg lb			20,500	14,350	6950 14,950	4950 10,650	5450 11,750	3900 8,400	4450 9,600	3200 6,900	3750 8,100	2700 5,850			3450 7,650	2500 5,550	12 830 41'10"



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.

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 7.1 m (23'3") Industrial

Load point height	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		mm ft/in		
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb			
16.5 m 55.0 ft					*6500	*6500													*5550	*5550	6930
					*13,350	*13,350													*12,650	*12,650	20'10"
15.0 m 50.0 ft							*6700	*6700	*5300	*5300									*4800	*4800	9370
							*14,050	*14,050											*10,750	*10,750	29'7"
13.5 m 45.0 ft							*7650	*7650	*6700	*6700	*5250	*5250							*4450	*4450	11 090
							*16,400	*16,400	*14,100	*14,100	*10,550	*10,550							*9,850	*9,850	35'7"
12.0 m 40.0 ft							*8350	*8350	*7650	*7650	*6550	*6550	*4850	*4850					*4250	*4250	12 390
							*18,100	*18,100	*16,400	*16,400	*13,800	*13,800	*9,550	*9,550					*9,350	*9,350	40'1"
10.5 m 35.0 ft							*8700	*8700	*7850	*7850	*7150	*7150	*6200	*6200					*4150	*4150	13 390
							*18,900	*18,900	*17,100	*17,100	*15,600	*15,600	*12,800	*12,800					*9,100	*9,100	43'7"
9.0 m 30.0 ft							*8950	*8950	*8000	*8000	*7250	*7250	*6600	*6600	*5300	*5300			*4100	*4100	14 160
							*19,500	*19,500	*17,450	*17,450	*15,750	*15,750	*14,400	*14,400	*10,600	*10,600			*9,000	*9,000	46'2"
7.5 m 25.0 ft					*11 000	*11 000	*9450	*9450	*8300	*8300	*7400	*7400	*6700	*6700	*6050	5800			*4100	*4100	14 740
					*23,800	*23,800	*20,500	*20,500	*18,050	*18,050	*16,100	*16,100	*14,550	*14,550	*13,150	12,400			*9,050	*9,050	48'2"
6.0 m 20.0 ft			*14 250	*14 250	*12 050	*12 050	*10 050	*10 050	*8650	*8650	*7650	*7650	*6800	*6800	*6100	5700	*4550	*4550	*4200	*4200	15 150
			*30,600	*30,600	*26,050	*26,050	*21,800	*21,800	*18,800	*18,800	*16,550	*16,550	*14,750	*14,750	*13,200	12,250			*9,200	*9,200	49'7"
4.5 m 15.0 ft			*17 500	*17 500	*13 200	*13 200	*10 700	*10 700	*9050	*9050	*7800	*7800	*6900	6700	*6100	5600	*5300	4750	*4300	*4300	15 390
			*37,700	*37,700	*28,550	*28,550	*23,150	*23,150	*19,550	*19,550	*16,950	*16,950	*14,900	14,400	*13,150	12,000	*10,250	10,200	*9,450	*9,450	50'5"
3.0 m 10.0 ft			*15 100	*15 100	*14 150	*14 150	*11 200	*11 200	*9300	*9300	*7950	*7950	*6900	6550	*6050	5500	*5250	4700	*4450	4450	15 490
			*38,050	*38,050	*30,600	*30,600	*24,250	*24,250	*20,150	*20,150	*17,200	*17,150	*14,950	14,050	*13,050	11,800	*11,200	10,050	*9,800	*9,800	50'9"
1.5 m 5.0 ft			*6700	*6700	*14 500	*14 500	*11 450	*11 450	*9400	*9400	*7950	7750	*6850	6400	*5900	5400	*5000	4650	*4700	4450	15 440
			*15,500	*15,500	*31,400	*31,400	*24,750	*24,750	*20,350	*20,350	*17,250	16,650	*14,800	13,750	*12,750	11,600	*10,700	9,950	*10,350	9,750	50'7"
0 m 0 ft	*3050	*3050	*5700	*5700	*11 800	*11 800	*11 250	*11 250	*9250	*9250	*7800	7550	*6650	6250	*5650	5300	*4650	4600	*4500	*4500	15 250
	*6,800	*6,800	*12,950	*12,950	*27,450	*27,450	*24,350	*24,350	*20,050	*20,050	*16,850	16,250	*14,350	13,450	*12,150	11,400	*9,850	*9,850	*9,850	*9,850	50'0"
-1.5 m -5.0 ft			*5900	*5900	*10 050	*10 050	*10 600	*10 600	*8800	*8800	*7400	7400	*6250	6150	*5200	*5200			*4200	*4200	14 900
			*13,250	*13,250	*23,000	*23,000	*22,950	*22,950	*19,000	*19,000	*15,950	15,950	*13,450	13,250	*11,150	*11,150			*9,150	*9,150	48'10"
-3.0 m -10.0 ft			*6400	*6400	*9750	*9750	*9550	*9550	*8000	*8000	*6750	*6750	*5600	*5600	*4500	*4500			*3800	*3800	14 380
			*14,350	*14,350	*22,150	*22,150	*20,600	*20,600	*17,250	*17,250	*14,450	*14,450	*12,000	*12,000	*9,500	*9,500			*8,300	*8,300	47'1"
-4.5 m -15.0 ft							*8050	*8050	*6850	*6850	*5700	*5700	*4650	*4650					*4200	*4200	12 660
							*17,250	*17,250	*14,650	*14,650	*12,200	*12,200	*9,800	*9,800					*9,300	*9,300	41'0"



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 ±5% for all available track shoes.


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

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 9.3 m (30'6") MH

### Stick 7.1 m (23'3") Industrial

Load point height	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		mm ft/in		
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb			
16.5 m 55.0 ft					*6150	*6150													*5750	*5750	6380
15.0 m 50.0 ft					*16,050	*16,050	*13,450	*13,450	*4900	*4900									*4900	*4900	9020
13.5 m 45.0 ft							*7500	*7500	*6500	6050	*4950	4600							*4500	4350	10 830
12.0 m 40.0 ft							*8200	8200	*7500	6100	6000	4700	*4550	3650					*4250	3550	12 190
10.5 m 35.0 ft							*8650	8150	7700	6100	6000	4700	4750	3700					4000	3050	13 230
9.0 m 30.0 ft							*8900	8000	7600	5950	5900	4600	4700	3650	3850	2900			3550	2700	14 040
7.5 m 25.0 ft					*10 800	*10 800	*9350	7700	7400	5750	5750	4500	4650	3550	3800	2850			3250	2450	14 650
6.0 m 20.0 ft					*23,450	*23,450	*20,250	16,600	15,900	12,400	12,400	9,600	9,950	7,650	8,100	6,100			7,200	5,400	47'11"
4.5 m 15.0 ft																					
3.0 m 10.0 ft																					
1.5 m 5.0 ft																					
0 m 0 ft																					
-1.5 m -5.0 ft																					
-3.0 m -10.0 ft																					
-4.5 m -15.0 ft																					



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.

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, air pneumatic tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


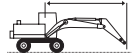
















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Log Loader

### Stick 4.1 m (13'3") Over/Under Log Loader

		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft				mm ft/in	
																			
15.0 m 50.0 ft	kg lb	*20 150	*20 150														*19 250 *58,750	*19 250 *58,750	3200 6'5"
13.5 m 45.0 ft	kg lb			*14 700 *32,750	*14 700 *32,750	*12 500 *27,500	*12 500 *27,500										*10 350 *23,950	*10 350 *23,950	6780 21'0"
12.0 m 40.0 ft	kg lb					*11 250 *24,800	*11 250 *24,800	*10 100 *22,250	*10 100 *22,250								*8200 *18,450	*8200 *18,450	8750 28'0"
10.5 m 35.0 ft	kg lb					*10 700 *23,450	*10 700 *23,450	*9600 *21,100	*9600 *21,100	*8750 *19,200	*8750 *19,200						*7150 *15,900	*7150 *15,900	10 130 32'9"
9.0 m 30.0 ft	kg lb					*10 600 *23,150	*10 600 *23,150	*9550 *20,800	*9550 *20,800	*8600 *18,800	*8600 *18,800	*7800 *16,900	*7800 *16,700				*6550 *14,500	*6550 *14,500	11 130 36'2"
7.5 m 25.0 ft	kg lb					*11 000 *23,900	*11 000 *23,900	*9750 *21,150	*9750 *21,150	*8700 *18,900	*8700 *18,900	*7750 *16,800	*7750 *16,800				*6150 *13,650	*6150 *13,650	11 860 38'8"
6.0 m 20.0 ft	kg lb					*11 800 *25,600	*11 800 *25,600	*10 150 *22,050	*10 150 *22,050	*8900 *19,250	*8900 *19,250	*7800 *16,850	*7800 *16,700	*6600 *14,000	6150 13,100	*5950 *13,150	5800 12,750	12 370 40'5"	
4.5 m 15.0 ft	kg lb					*12 900 *27,950	*12 900 *27,950	*10 700 *23,200	*10 700 *23,200	*9100 *19,750	*9100 *19,750	*7800 *16,900	7650 16,400	*6500 *13,900	6100 13,050	*5500 *12,150	*5500 *12,150	12 670 41'6"	
3.0 m 10.0 ft	kg lb					*14 000 *30,300	*14 000 *30,300	*11 200 *24,250	*11 200 *24,250	*9300 *20,100	*9300 *20,100	*7800 *16,800	7500 16,050	*6300 *13,350	6000 12,900	*4900 *10,850	*4900 *10,850	12 790 41'11"	
1.5 m 5.0 ft	kg lb					*14 550 *31,500	*14 550 *31,500	*11 400 *24,650	*11 400 *24,650	*9250 *19,950	*9250 *19,950	*7550 *16,200	7350 15,750	*5800 *12,200	*5800 *12,200	*4250 *9,350	*4250 *9,350	12 730 41'9"	
0 m 0 ft	kg lb					*14 250 *30,800	*14 250 *30,800	*11 050 *23,900	*11 050 *23,900	*8800 *19,000	*8800 *19,000	*7000 *14,900	*7000 *14,900	*4900 *9,900	*4900 *9,900	*3500 *7,650	*3500 *7,650	12 490 40' 11"	
-1.5 m -5.0 ft	kg lb			*9950 *23,150	*9950 *23,150	*12 900 *27,850	*12 900 *27,850	*10 050 *21,650	*10 050 *21,650	*7900 *16,850	*7900 *16,850	*5900 *12,400	*5900 *12,400				*3200 *7,000	*3200 *7,000	11 930 39'1"
-3.0 m -10.0 ft	kg lb			*12 400 *28,400	*12 400 *28,400	*10 500 *22,500	*10 500 *22,500	*8200 *17,550	*8200 *17,550	*6200 *13,100	*6200 *13,100	*4000 *8,800	*4000 *8,800				*3650 *8,100	*3650 *8,100	10 690 34'10"



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.

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, air pneumatic tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front


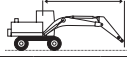


















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Log Loader

### Stick 4.1 m (13'3") Over/Under Log Loader

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft				mm ft/in
																				
15.0 m 50.0 ft	kg lb	*30 250	*30 250															*28 150	*28 150	1920
13.5 m 45.0 ft	kg lb					*15 100 *33,750	*15 100 32,450	12 350	9200									11 000 *25,700	8200 19,950	6360 19'6"
12.0 m 40.0 ft	kg lb							*11 400 *25,150	9950 21,200	8850 18,700	6700 14,100							6850 15,800	5100 11,750	8480 27'0"
10.5 m 35.0 ft	kg lb							*10 750 *23,600	10 200 21,850	9100 19,450	6950 14,800	6500 13,850	4900 10,350					5250 11,850	3850 8,700	9930 32'1"
9.0 m 30.0 ft	kg lb							*10 600 *23,150	10 250 22,000	9150 19,650	7000 14,950	6600 14,150	5000 10,650	4900 10,350	3600 7,600			4400 9,800	3200 7,100	10 990 35'9"
7.5 m 25.0 ft	kg lb							*10 900 *23,700	10 100 21,700	9050 19,450	6900 14,800	6600 14,100	4950 10,550	3650 7,750				3850 8,600	2800 6,150	11 760 38'4"
6.0 m 20.0 ft	kg lb							*11 650 *25,250	9700 20,900	8800 18,950	6650 14,300	6450 13,800	4850 10,350	4900 10,450	3600 7,650	3750 7,950	2700 5,650	3550 7,850	2500 5,550	12 300 40'2"
4.5 m 15.0 ft	kg lb							12 250 26,350	9150 19,650	8450 18,150	6300 13,550	6200 13,350	4600 9,900	4750 10,200	3500 7,450	3700 7,950	2650 5,650	3350 7,400	2350 5,200	12 630 41'4"
3.0 m 10.0 ft	kg lb							11 450 24,650	8400 18,100	8000 17,200	5900 12,700	5950 12,800	4400 9,400	4600 9,900	3350 7,150	3650 7,800	2600 5,550	3250 7,150	2300 5,000	12 780 41'11"
1.5 m 5.0 ft	kg lb							10 650 22,950	7700 16,550	7600 16,300	5500 11,850	5700 12,250	4150 8,900	4450 9,600	3200 6,850	3600 7,700	2550 5,400	3250 7,150	2300 5,000	12 750 41'10"
0 m 0 ft	kg lb							10 050 21,650	7150 15,350	7250 15,550	5200 11,100	5500 11,850	3950 8,450	4350 9,350	3100 6,600	3550 7,650	2500 5,350	3350 7,350	2350 5,150	12 540 41'1"
-1.5 m -5.0 ft	kg lb					*9700 *22,550	*9700 22,150	9700 20,900	6800 14,650	7000 15,050	4950 10,650	5350 11,550	3800 8,150	4300 9,200	3050 6,500	*3400	2500	*3150 *6,950	2500 5,500	12 070 39'6"
-3.0 m -10.0 ft	kg lb			*5900 *13,400	*5900 *13,400	*11 900 *27,450	10 250 22,000	9600 20,650	6700 14,400	6900 14,850	4900 10,500	5350 11,450	3750 8,100	4300 *8,900	3050 6,550			*3550 *7,900	2900 6,350	10 960 35'9"
-4.5 m -15.0 ft	kg lb							*7700 *16,300	6750 *14,550	*6000 *12,550	4950 10,600						*5050 *11,650	4300 10,000	8280 26'0"	



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 ±5% for all available track shoes.

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




# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

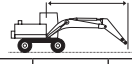















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Barge

### Stick 5.7 m (18'8") Industrial

		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft				mm ft/in	
																			
15.0 m 50.0 ft	kg lb					*6300	*6300										*6000	*6000	7710 23'11"
13.5 m 45.0 ft	kg lb					*8250	7900	*6700	5850								*5400	5000	9770 31'2"
12.0 m 40.0 ft	kg lb					*8150	7950	*7400	5900	5800	4500						5100	3900	11 260 36'4"
10.5 m 35.0 ft	kg lb					*8300	7850	*7450	5850	5800	4500	4550	3500				4300	3250	12 390 40'3"
9.0 m 30.0 ft	kg lb			*10 000	*10 000	*8650	7600	7300	5650	5700	4400	4550	3450				3800	2850	13 250 43'2"
7.5 m 25.0 ft	kg lb	*13 650	*13 650	*10 900	10 150	*9150	7200	7050	5450	5500	4250	4450	3350	2700		3400	2550	13 890 45'5"	
6.0 m 20.0 ft	kg lb	*15 850	14 150	*12 000	9300	8850	6700	6700	5100	5300	4050	4300	3250	3550	2600	3150	2350	14 350 46'11"	
4.5 m 15.0 ft	kg lb	*20,150	*20,150	11 250	8250	8250	6150	6350	4750	5100	3800	4150	3100	3450	2550	3000	2200	14 640 47'11"	
3.0 m 10.0 ft	kg lb			10 250	7350	7650	5600	6000	4450	4850	3550	4000	2950	3350	2450	2900	2100	14 770 48'5"	
1.5 m 5.0 ft	kg lb			*8100	6750	7200	5200	5700	4150	4650	3350	3850	2800	3250	2350	2850	2050	14 750 48'4"	
0 m 0 ft	kg lb	*3650	*3650	*7400	6450	6900	4900	5450	3900	4450	3200	3750	2700	3200	2250	2850	2050	14 570 47'9"	
-1.5 m -5.0 ft	kg lb	*4900	*4900	*7700	6350	6750	4750	5300	3800	4350	3100	3650	2600	3150	2250	2950	2100	14 220 46'7"	
-3.0 m -10.0 ft	kg lb			*8400	6350	6700	4700	5250	3700	4300	3050	3600	2600	3100	2200	3050	2200	13 710 44'10"	
-4.5 m -15.0 ft	kg lb					6750	4750	5250	3750	4300	3050	3650	2600			3300	2350	13 000 42'6"	



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.


# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Barge

### Stick 5.7 m (18'8") Industrial

Load point height	4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		mm ft/in		
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	mm ft/in	
15.0 m 50.0 ft					*6800 *13,550	*6800 *13,550									*5850 *13,150	*5850 *13,150	8120 25'4"
13.5 m 45.0 ft					*8250 *18,000	*8250 *18,000	*7100 *14,450	*7100 *14,450							*5350 *11,900	*5350 *11,900	10 060 32'2"
12.0 m 40.0 ft					*8200 *17,850	*8200 *17,850	*7400 *16,100	*7400 *16,100	*6800 *14,100	*6800 *14,100					*5100 *11,300	*5100 *11,300	11 470 37'1"
10.5 m 35.0 ft					*8350 *18,150	*8350 *18,150	*7450 *16,250	*7450 *16,250	*6800 *14,800	*6800 *14,800	*6250 *12,350	*6250 *12,350			*5000 *11,000	*5000 *11,000	12 550 40'9"
9.0 m 30.0 ft			*10 150 *21,950	*10 150 *21,950	*8700 *18,850	*8700 *18,850	*7700 *16,650	*7700 *16,650	*6900 *15,000	*6900 *15,000	*6300 *13,700	*6300 *13,700			*5000 *10,950	*5000 *10,950	13 370 43'7"
7.5 m 25.0 ft	*14 000 *30,100	*14 000 *30,100	*11 050 *23,850	*11 050 *23,850	*9250 *20,000	*9250 *20,000	*8000 *17,350	*8000 *17,350	*7100 *15,350	*7100 *15,350	*6400 *13,850	*6400 *13,850	*5800 *12,500	5600 11,950	*5000 *11,050	*5000 *11,050	13 980 45'8"
6.0 m 20.0 ft	*16 300 *34,950	*16 300 *34,950	*12 200 *26,250	*12 200 *26,250	*9850 *21,350	*9850 *21,350	*8350 *18,100	*8350 *18,100	*7300 *15,800	*7300 *15,800	*6500 *14,050	*6500 *14,050	*5850 *12,600	5500 11,800	*5150 *11,250	*5150 *11,250	14 410 47'2"
4.5 m 15.0 ft			*13 250 *28,600	*13 250 *28,600	*10 450 *22,650	*10 450 *22,650	*8700 *18,850	*8700 *18,850	*7500 *16,250	*7500 *16,250	*6600 *14,250	6450 13,900	*5850 *12,650	5400 11,600	*5300 *11,650	*5300 *11,650	14 670 48'1"
3.0 m 10.0 ft			*11 150 *27,050	*11 150 *27,050	*10 850 *23,500	*10 850 *23,500	*8950 *19,400	*8950 *19,400	*7650 *16,500	*7650 *16,450	*6650 *14,350	6300 13,550	*5800 *12,550	5300 11,350	*5200 *11,400	*5200 *11,400	14 780 48'5"
1.5 m 5.0 ft			*7850 *18,300	*7850 *18,300	*10 950 *23,700	*10 950 *23,700	*9000 *19,500	*9000 *19,500	*7650 *16,550	7400 15,950	*6600 *14,250	6150 13,200	*5700 *12,350	5200 11,150	*5050 *11,050	*5050 *11,050	14 730 48'3"
0 m 0 ft	*3900 *8,850	*3900 *8,850	*7400 *17,000	*7400 *17,000	*10 650 *23,050	*10 650 *23,050	*8850 *19,150	*8850 *19,150	*7500 *16,200	7250 15,600	*6400 *13,850	6000 12,950	*5500 *11,800	5100 11,000	*4850 *10,700	*4850 *10,200	14 520 47'7"
-1.5 m -5.0 ft	*5100 *11,500	*5100 *11,500	*7800 *17,750	*7800 *17,750	*9950 *21,600	*9950 *21,600	*8400 *18,200	*8400 *18,200	*7150 *15,400	7150 15,350	*6100 *13,100	5950 12,800	*5100 *10,900	5100 *10,900	*4650 *10,250	*4650 *10,250	14 150 46'4"
-3.0 m -10.0 ft			*8500 *19,250	*8500 *19,250	*9000 *19,450	*9000 *19,450	*7700 *16,600	*7700 *16,600	*6550 *14,100	*6550 *14,100	*5500 *11,800	*5500 *11,800	*4450 *11,800	*4450 *11,800	*4400 *9,600	*4400 *9,600	13 600 44'6"
-4.5 m -15.0 ft					*7650 *16,550	*7650 *16,550	*6650 *14,300	*6650 *14,300	*5650 *12,100	*5650 *12,100	*4650 *9,800	*4650 *9,800			*4000 *8,750	*4000 *8,750	12 860 42'0"



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 ±5% for all available track shoes.


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# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side


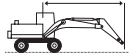
 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Barge

### Stick

7.1 m (23'3") Industrial

	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft				mm ft/in						
	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb	kg lb		kg lb					
16.5 m 55.0 ft																					*5000	*5000	7140				
15.0 m 50.0 ft										*5050	*5050											*4400	*4400	9570			
13.5 m 45.0 ft										*6400	6250											*4150	*4150	11 290			
12.0 m 40.0 ft										*13,500	13,350	*10,300	10,100									*9,850	*9,850	30'3"			
10.5 m 35.0 ft										*6700	6250	6150	4800	*4800	3750							*4000	3400	12 600			
9.0 m 30.0 ft										*14,650	13,450	13,100	10,250	*9,600	7,900							*8,800	7,600	40'9"			
7.5 m 25.0 ft										*6800	6200	6100	4750	4800	3750	3850	2950					3800	2900	13 610			
6.0 m 20.0 ft										*14,800	13,300	13,050	10,200	10,300	7,950							8,450	6,400	44'3"			
4.5 m 15.0 ft										*7000	6050	5950	4650	4750	3650	3850	2900					3400	2550	14 400			
3.0 m 10.0 ft										*15,200	12,950	12,800	9,950	10,150	7,800	8,200	6,200					7,500	5,600	47'0"			
1.5 m 5.0 ft										*8250	7750											3100	2300	15 000			
0 m 0 ft										*17,900	16,700	*15,900	12,450	12,450	9,600	9,950	7,600	8,050	6,050			6,850	5,050	49'0"			
-1.5 m -5.0 ft										*10 650	10 200	*8950	7250	7100	5450	5550	4250	4450	3400	3650	2750	3050	2250	2900	2100	15 420	
-3.0 m -10.0 ft										*23,000	22,000	*19,300	15,600	15,250	11,750	11,950	9,150	9,600	7,250	7,850	5,850	6,450	4,750	6,350	4,600	50'6"	
-4.5 m -15.0 ft																											
-6.0 m -20.0 ft																											
0 m 0 ft																											
-1.5 m -5.0 ft																											
-3.0 m -10.0 ft																											
-4.5 m -15.0 ft																											
-6.0 m -20.0 ft																											



ISO 10567:2007



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Lift capacity stays with ±5% for all available track shoes.


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# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom Barge

### Stick 7.1 m (23'3") Industrial

Load point height	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		mm ft/in			
	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb		
16.5 m 55.0 ft							5000	5000											*4850 *11,000	*4850 *11,000	7630 23'4"	
15.0 m 50.0 ft									*5350 *10,800	*5350 *10,800									*4350 *9,700	*4350 *9,700	9900 31'5"	
13.5 m 45.0 ft									*6600 *13,950	*6600 *13,950	*5350 *10,900	*5350 *10,900							*4100 *9,050	*4100 *9,050	11 540 37'1"	
12.0 m 40.0 ft									*6700 *14,650	*6700 *14,650	*6250 *13,600	*6250 *13,600	*5050 *10,200	*5050 *10,200					*3950 *8,750	*3950 *8,750	12 790 41'5"	
10.5 m 35.0 ft									*6800 *14,850	*6800 *14,850	*6300 *13,650	*6300 *13,650	*5850 *12,700	*5850 *12,700	*4350	*4350			*3900 *8,600	*3900 *8,600	13 760 44'9"	
9.0 m 30.0 ft							*7850 *17,000	*7850 *17,000	*7050 *15,300	*7050 *15,300	*6400 *13,950	*6400 *13,950	*5900 *12,850	*5900 *12,850	*5450 *11,300	*5450 *11,300			*3900 *8,550	*3900 *8,550	14 520 47'4"	
7.5 m 25.0 ft							*8400 *18,150	*8400 *18,150	*7400 *16,000	*7400 *16,000	*6650 *14,400	*6650 *14,400	*6050 *13,100	*6050 *13,100	*5550 *12,000	*5550 *12,000	*4100	*4100	*3950 *8,650	*3950 *8,650	15 080 49'4"	
6.0 m 20.0 ft			*13 850 *30,100	*13 850 *30,100	*10 900 *23,450	*10 900 *23,450	*9050 *19,550	*9050 *19,550	*7800 *16,900	*7800 *16,900	*6900 *14,950	*6900 *14,950	*6200 *13,400	*6200 *13,400	*5600 *12,150	*5600 *12,150	*5050 *9,900	4750 *9,900	*4050 *8,850	*4050 *8,850	15 480 50'8"	
4.5 m 15.0 ft			*16 350 *35,100	*16 350 *35,100	*12 150 *26,200	*12 150 *26,200	*9750 *21,100	*9750 *21,100	*8250 *17,850	*8250 *17,850	*7150 *15,500	*7150 *15,500	*6350 *13,750	*6350 *13,750	*5700 *12,350	5500 *11,100	*5150 *10,000	4650 *9,150	*4150 *9,150	*4150 *9,150	15 720 51'6"	
3.0 m 10.0 ft			*8500 *20,450	*8500 *20,450	*13 200 *28,450	*13 200 *28,450	*10 400 *22,450	*10 400 *22,450	*8600 *18,650	*8600 *18,650	*7400 *16,000	*7400 *16,000	*6450 *14,000	6400 *13,800	*5750 *12,400	5350 *11,550	*5100 *11,050	4550 *9,800	*4350 *9,600	4200 *9,250	15 820 51'10"	
1.5 m 5.0 ft			*5300 *12,200	*5300 *12,200	*12 650 *29,650	*12 650 *29,650	*10 750 *23,250	*10 750 *23,250	*8850 *19,150	*8850 *19,150	*7500 *16,300	*7500 *16,300	*6550 *14,150	6200 *13,400	*5750 *12,400	5250 *11,250	*5050 *10,850	4500 *9,650	*4600 *10,150	4150 *9,150	15 770 51'8"	
0 m 0 ft		*2950 *6,600	*2950 *6,600	*5000 *11,300	*5000 *11,300	*9200 *21,150	*9200 *21,150	*10 800 *23,350	*10 800 *23,350	*8900 *19,250	*8900 *19,250	*7550 *16,300	7300 *15,700	*6500 *14,000	6050 *13,050	*5650 *12,200	5150 *11,050	*4900 *10,500	4400 *9,500	*4600 *10,100	4200 *9,200	15 580 51'1"
-1.5 m -5.0 ft		*3850 *8,500	*3850 *8,500	*5350 *11,950	*5350 *11,950	*8350 *18,950	*8350 *18,950	*10 500 *22,700	*10 500 *22,700	*8700 *18,800	*8700 *18,800	*7350 *15,900	7150 *15,350	*6300 *13,600	5950 *12,750	*5450 *11,700	5050 *10,850	*4600	4350	*4500 *9,850	4300 *9,400	15 230 49'11"
-3.0 m -10.0 ft			*5800 *13,000	*5800 *13,000	*8250 *18,700	*8250 *18,700	*9800 *21,250	*9800 *21,250	*8250 *17,800	*8250 *17,800	*7000 *15,050	*7000 *15,050	*5950 *12,850	5850 *12,600	*5050 *10,800	5000 *10,750				*4300 *9,500	*4300 *9,500	14 730 48'2"
-4.5 m -15.0 ft			*6300 *14,100	*6300 *14,100	*8500 *19,250	*8500 *19,250	*8850 *19,100	*8850 *19,100	*7500 *16,150	*7500 *16,150	*6400 *13,700	*6400 *13,700	*5400 *11,550	*5400 *11,550	*4450 *9,400	*4450 *9,400				*4100 *8,950	*4100 *8,950	14 040 45'11"
-6.0 m -20.0 ft							*7500 *16,150	*7500 *16,150	*6450 *13,800	*6450 *13,800	*5500 *11,650	*5500 *11,650	*4550 *9,550	*4550 *9,550						*3750 *8,400	*3750 *8,400	13 140 42'6"



ISO 10567:2007



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Lift capacity stays with ±5% for all available track shoes.


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# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

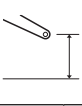
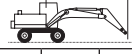






















 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 10.4 m (34'9") MH

### Stick 7.5 m (24'9") Industrial

	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		16.5 m/55.0 ft				mm ft/in			
																										
18.0 m 60.0 ft	kg				*6000	*6000																*5400	*5400	6700		
	lb																						*12,450	*12,450	19'06"	
16.5 m 55.0 ft	kg						*6250	*6250	*5100	*5100													*4600	*4600	9490	
	lb						*13,100	*13,100															*10,300	*10,300	29'09"	
15.0 m 50.0 ft	kg						*7100	*7100	*6300	6150	*5200	4650											*4200	3950	11 430	
	lb						*15,200	*15,200	*13,300	13,050	*10,550	9,900											*9,350	9,050	36'06"	
13.5 m 45.0 ft	kg						*7700	*7700	*7100	6200	6050	4750	4750	3700									*4000	3150	12 900	
	lb						*16,650	*16,650	*15,250	13,250	12,950	10,100	10,150	7,800									*8,800	7,150	41'08"	
12.0 m 40.0 ft	kg						*8250	*8250	*7400	6200	6050	4750	4800	3700	3850	2900								3550	2650	14 050
	lb						*17,900	*17,850	*16,150	13,250	13,000	10,150	10,250	7,900	8,150	6,200								7,950	6,000	45'07"
10.5 m 35.0 ft	kg						*8450	8200	*7500	6100	6000	4650	4750	3650	3850	2900								3150	2300	14 970
	lb						*18,400	17,600	*16,350	13,050	12,850	10,000	10,200	7,850	8,200	6,200								6,950	5,150	48'09"
9.0 m 30.0 ft	kg						*8800	7900	7550	5900	5850	4550	4650	3600	3800	2850	3100	2300						2850	2050	15 690
	lb						*19,050	17,050	16,200	12,650	12,550	9,750	10,000	7,650	8,100	6,100	6,600	4,850						6,250	4,600	51'03"
7.5 m 25.0 ft	kg					*11 000	10 700	*9250	7500	7250	5600	5650	4350	4550	3450	3700	2800	3050	2250					2600	1900	16 240
	lb					*23,750	23,100	*20,050	16,200	15,600	12,100	12,150	9,350	9,700	7,400	7,900	5,950	6,500	4,800					5,750	4,150	53'01"
6.0 m 20.0 ft	kg	*13 400	*13 400	*15 450	*15 450	*11 950	9850	9150	7000	6900	5300	5400	4100	4350	3300	3600	2650	3000	2200	2500	1800			2450	1750	16 630
	lb	*28,100	*28,100	*33,250	*33,250	*25,850	21,300	19,700	15,100	14,850	11,350	11,650	8,850	9,350	7,050	7,700	5,700	6,350	4,650				5,400	3,850	54'05"	
4.5 m 15.0 ft	kg			*17 500	13 350	11 850	8800	8500	6400	6500	4900	5150	3850	4200	3100	3450	2550	2900	2100	2450	1750			2350	1650	16 880
	lb			*37,750	28,900	25,600	19,100	18,350	13,800	13,950	10,550	11,050	8,300	9,000	6,700	7,400	5,450	6,200	4,450	5,200	3,650	5,150	3,600	5,150	3,600	55'04"
3.0 m 10.0 ft	kg			*6700	*6700	10 700	7750	7850	5800	6050	4500	4850	3600	4000	2950	3350	2400	2800	2000	2400	1700			2250	1600	16 990
	lb			*16,250	*16,250	23,100	16,800	16,900	12,500	13,100	9,700	10,450	7,750	8,550	6,300	7,150	5,150	6,000	4,300	5,100	3,550	4,950	3,450	4,950	3,450	55'08"
1.5 m 5.0 ft	kg			*3850	*3850	9800	6900	7250	5250	5700	4150	4600	3350	3800	2750	3200	2300	2700	1950	2350	1650			2250	1550	16 970
	lb			*8,950	*8,950	21,100	14,950	15,700	11,350	12,250	8,900	9,900	7,200	8,200	5,900	6,850	4,900	5,800	4,100	5,000	3,450	4,900	3,400	4,900	3,400	55'08"
0 m 0 ft	kg			*3700	*3700	*7350	6400	6850	4850	5400	3850	4400	3150	3650	2600	3100	2200	2650	1850	2300	1600			2250	1550	16 820
	lb			*8,400	*8,400	*17,000	13,750	14,750	10,450	11,600	8,300	9,450	6,750	7,850	5,600	6,650	4,700	5,650	3,950	4,900	3,400	4,900	3,350	4,900	3,350	55'01"
-1.5 m -5.0 ft	kg			*4100	*4100	*6750	6100	6600	4600	5200	3650	4250	3000	3550	2500	3000	2100	2600	1800	2250	1550			2250	1550	16 520
	lb			*9,300	*9,300	*15,400	13,200	14,200	9,900	11,150	7,850	9,100	6,450	7,600	5,350	6,450	4,500	5,550	3,850					4,950	3,400	54'02"
-3.0 m -10.0 ft	kg			*4700	*4700	*6850	6000	6450	4500	5050	3550	4150	2900	3450	2400	2950	2050	2550	1800					2350	1600	16 080
	lb			*10,550	*10,550	*15,500	12,950	13,900	9,650	10,900	7,600	8,900	6,200	7,450	5,200	6,350	4,400	5,500	3,800					5,150	3,550	52'08"
-4.5 m -15.0 ft	kg					*7200	6050	6400	4450	5000	3500	4100	2850	3450	2400	2950	2050	2550	1800					2500	1750	15 220
	lb					*16,250	13,000	13,800	9,550	10,800	7,500	8,800	6,100	7,350	5,150	6,300	4,400							5,600	3,850	49'07"
-6.0 m -20.0 ft	kg											4100	2850											3500	2450	11 820
	lb											8,800	6,150											8,550	5,950	35'10"



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.

# MH3040 Material Handler Specifications


## Lift Capacities

Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

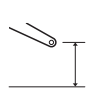























 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Boom 10.4 m (34'9") MH

### Stick 7.5 m (24'9") Industrial

	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		16.5 m/55.0 ft				mm ft/in		
																									
18.0 m 60.0 ft	kg lb					*6250 *12,900	*6250 *12,900															*5200 *11,900	*5200 *11,900	7280 31'08"	
16.5 m 55.0 ft	kg lb							*6400 *13,550	*6400 *13,550	*5350 *10,850	*5350 *10,850											*4500 *10,100	*4500 *10,100	9870 31'01"	
15.0 m 50.0 ft	kg lb							*7200 *15,500	*7200 *15,500	*6450 *13,700	*6450 *13,700	*5400 *11,100	*5400 *11,100									*4150 *9,200	*4150 *9,200	11 710 37'06"	
13.5 m 45.0 ft	kg lb							*7750 *16,850	*7750 *16,850	*7250 *15,550	*7250 *15,550	*6450 *13,600	*6450 *13,600	*5250 *10,700	*5250 *10,700								*3950 *8,750	*3950 *8,750	13 120 42'05"
12.0 m 40.0 ft	kg lb							*8300 *18,100	*8300 *18,100	*7400 *16,150	*7400 *16,150	*6700 *14,650	*6700 *14,650	*6150 *13,200	*6150 *13,200	*4850 *9,650	*4850 *9,650						*3850 *8,450	*3850 *8,450	14 230 46'02"
10.5 m 35.0 ft	kg lb							*8500 *18,450	*8500 *18,450	*7550 *16,400	*7550 *16,400	*6800 *14,750	*6800 *14,750	*6200 *13,450	*6200 *13,450	*5650 *12,200	*5650 *12,200	*3950	*3950				*3800 *8,350	*3800 *8,350	15 110 49'03"
9.0 m 30.0 ft	kg lb							*8850 *19,200	*8850 *19,200	*7750 *16,850	*7750 *16,850	*6950 *15,050	*6950 *15,050	*6250 *13,550	*6250 *13,550	*5700 *12,300	*5700 *12,300	*5050	4950				*3800 *8,300	*3800 *8,300	15 790 51'07"
7.5 m 25.0 ft	kg lb					*11 150 *24,050	*11 150 *24,050	*9350 *20,250	*9350 *20,250	*8100 *17,500	*8100 *17,500	*7100 *15,450	*7100 *15,450	*6350 *13,800	*6350 *13,800	*5750 *12,400	*5750 *12,400	*5150	4900				*3800 *8,350	*3800 *8,350	16 310 53'04"
6.0 m 20.0 ft	kg lb	*16 350 *33,350	*16 350 *33,350	*15 800 *34,000	*15 800 *34,000	*12 150 *26,200	*12 150 *26,200	*9950 *21,450	*9950 *21,450	*8400 *18,250	*8400 *18,250	*7300 *15,850	*7300 *15,850	*6450 *14,000	*6450 *14,000	*5750 *12,500	5700	*5150	4800	*4250	4100		*3900 *8,500	*3900 *8,500	16 680 54'07"
4.5 m 15.0 ft	kg lb			*17 850 *38,450	*17 850 *38,450	*13 150 *28,400	*13 150 *28,400	*10 500 *22,650	*10 500 *22,650	*8750 *18,900	*8750 *18,900	*7500 *16,250	*7500 *16,250	*6550 *14,200	*6550 *14,200	*5800 *12,550	5550	*5150	4700	*4500	4050		*4000 *8,750	*4000 *8,750	16 910 55'05"
3.0 m 10.0 ft	kg lb			*5700 *13,750	*5700 *13,750	*13 800 *29,850	*13 800 *29,850	*10 850 *23,500	*10 850 *23,500	*8950 *19,350	*8950 *19,350	*7600 *16,450	*7600 *16,450	*6600 *14,250	6450	*5800 *12,500	5400	*5100	4600	*4400	4000		*4150 *9,100	*4150 *9,100	17 000 55'09"
1.5 m 5.0 ft	kg lb			*3750 *8,650	*3750 *8,650	*9400 *22,150	*9400 *22,150	*10 950 *23,650	*10 950 *23,650	*9000 *19,450	*9000 *19,450	*7600 *16,450	7600	*6550 *14,150	6250	*5700 *12,250	5300	*4950	4550	*4200	3950		*3950 *8,700	*3950 *8,700	16 950 55'07"
0 m 0 ft	kg lb			*3750 *8,500	*3750 *8,500	*7200 *16,500	*7200 *16,500	*10 600 *23,000	*10 600 *23,000	*8800 *19,000	*8800 *19,000	*7400 *16,050	7350	*6350 *13,750	6100	*5500 *11,800	5150	*4700	4450	*3900	3900		*3750 *8,250	*3750 *8,250	16 780 55'00"
-1.5 m -5.0 ft	kg lb			*4200 *9,500	*4200 *9,500	*6750 *15,350	*6750 *15,350	*9900 *21,500	*9900 *21,500	*8300 *18,000	*8300 *18,000	*7050 *15,250	*7050 *15,250	*6050 *13,000	6000	*5150 *11,100	5100	*4350	4350				*3500 *7,700	*3500 *7,700	16 460 53'11"
-3.0 m -10.0 ft	kg lb					*6900 *15,600	*6900 *15,600	*8900 *19,250	*8900 *19,250	*7600 *16,400	*7600 *16,400	*6500 *13,950	*6500 *13,950	*5550 *11,850	*5550 *11,850	*4650 *9,950	*4650 *9,950	*3850	*3850				*3200 *7,000	*3200 *7,000	15 990 52'04"
-4.5 m -15.0 ft	kg lb							*7550 *16,300	*7550 *16,300	*6550 *14,150	*6550 *14,150	*5650 *12,100	*5650 *12,100	*4800 *10,250	*4800 *10,250	*3950 *8,350	*3950 *8,350						*3150 *6,950	*3150 *6,950	14 870 48'05"



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.

# MH3040 Material Handler Specifications

## 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

Counterweight		7700 kg (16,975 lb)				
Undercarriage		MH				
Boom Type		MH 10.4 m (34'9")	Barge 9.9 m (32'6")		MH 9.3 m (30'6")	
Stick Length		7.5 m (24' 9")	5.70 m (18'8")	7.10 m (23'4")	5.70 m (18'8")	7.10 m (23'4")
Orange Peel Grapples	GSH425-750	●	●	●	●	●
	GSH425-950	●	●	●	●	●
	GSH425-1150	●	●	●	●	●
	GSH440-950	○	●	●	●	●
	GSH440-1150	○	●	○	●	●
	GSH525-750	●	●	●	●	●
	GSH525-950	●	●	●	●	●
	GSH525-1150	○	●	○	●	●
	GSV425-600	●	●	●	●	●
	GSV425-750	●	●	●	●	●
	GSV425-950	●	●	●	●	●
	GSV425-1150	●	●	●	●	●
	GSV525-600	●	●	●	●	●
	GSV525-750	●	●	●	●	●
	GSV525-950	●	●	●	●	●
	GSV525-1150	○	●	●	●	●
Clamshell Grapples	CTV15-1000	●	●	●	●	●
	CTV15-1200	●	●	●	●	●
	CTV15-1500	○	●	○	●	●
	CTV15-1700	○	○	○	●	○
	CTV15-1900	◆	○	○	○	○
	CTV20-1300	○	●	○	●	●
	CTV20-1500	○	○	○	●	○
	CTV20-1700	◆	○	○	○	○
	CTV20-1900	◆	○	◆	○	○

#### 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>)
- ◇ 600 kg/m<sup>3</sup> (1,000 lb/yd<sup>3</sup>)
- X No Match

(continued on next page)

# MH3040 Material Handler Specifications

## Work Tool Offering Guide – Chile, North America

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

PIN-ON ATTACHMENTS							
Counterweight		7700 kg (16,975 lb)					
Undercarriage		MH					
Boom Type		MH 10.4 m (34'9")	LL	Barge 9.9 m (32'6")		MH 9.3 m (30'6")	
Stick Length		7.5 m (24' 9")	4.10 m (13'5")	5.70 m (18'8")	7.10 m (23'4")	5.70 m (18'8")	7.10 m (23'4")
Orange Peel Grapples	GSH425-750	●	X	●	●	●	●
	GSH425-950	●	X	●	●	●	●
	GSH425-1150	○	X	●	●	●	●
	GSH440-950	○	X	●	●	●	●
	GSH440-1150	○	X	●	○	●	●
	GSH525-750	●	X	●	●	●	●
	GSH525-950	○	X	●	●	●	●
	GSH525-1150	○	X	●	○	●	●
Clamshell Grapples	CTV20-1500	◆	X	○	○	○	○
	CTV15-1900	◆	X	○	◆	○	○
	CTV15-1000	●	X	●	●	●	●
	CTV15-1200	●	X	●	●	●	●
	CTV15-1500	○	X	●	○	●	●
	CTV15-1700	○	X	○	○	●	○
	CTV15-1900	◆	X	○	○	○	○
	CTV20-1300	○	X	●	○	●	●
	CTV20-1500	○	X	○	○	●	○
	CTV20-1700	◆	X	○	○	○	○
	CTV20-1900	◆	X	○	◆	○	○
Forestry Grapples	GLL55	A (2350/ 5,181)	A (2500/ 5,512)	A (3200/ 7,055)	A (2800/ 6,173)	A (3450/ 7,606)	A (3000/ 6,614)
	GLL60	0 (2260/ 4,982)	0 (2410/ 5,313)	0 (3110/ 6,856)	0 (2710/ 5,975)	0 (3360/ 7,408)	0 (2910/ 6,415)

### 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>)
- 0 Optimal Match (Maximum Log Load kg/lb)
- A Acceptable Match (Maximum Log Load kg/lb)
- X No Match

(continued on next page)



# MH3040 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>CAT TECHNOLOGY</b>			<b>UNDERCARRIAGE AND STRUCTURES</b>		
VisionLink®	✓		7700 kg (16,975 lb) counterweight	✓	
Cat Payload <sup>(4)</sup>	✓		16.00-25 single solid rubber tires		✓
Cat E-Fence <sup>(4)</sup>	✓		23.5-R25 single pneumatic tires		✓
Remote Flash	✓		All wheel drive	✓	
Remote Troubleshoot	✓		Automatic brake/axle lock	✓	
<b>ENGINE</b>			Creep speed	✓	
Cat C7.1 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards	✓		Electronic swing and travel lock	✓	
Three selectable modes: Power, Smart, Eco	✓		Heavy-duty axles, advanced disc brake system and travel motor with adjustable braking force	✓	
4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓		Lockable, oscillating front axle with remote greasing point	✓	
43° C (109° F) high-ambient cooling capacity with derate	✓		Two speed hydrostatic transmission	✓	
-18° C (0° F) cold start capability	✓		Tie down points on base frame	✓	
-32° C (-26° F) cold start capability <sup>(2)</sup>	✓		Hitch towing		✓
Cold start, block heater (120V) <sup>(3)</sup>		✓	<b>BOOMS, STICKS AND LINKAGES</b>		
Cold start, ether start <sup>(2)</sup>	✓		9.3 m (30'6") Material Handler boom		✓
Sealed double element air filter with integrated pre-cleaner	✓		6.8 m (22'4") Log Loader boom <sup>(3)</sup>		✓
2 × 115 amp dual alternator	✓		9.9 m (32'6") Barge Boom		✓
Electric fuel priming pump	✓		10.4 m (34'9") Material Handler boom		✓
Reversible electric cooling fans	✓		7.5 m (24'9") Industrial stick		✓
Two-stage fuel filtration system with water separator and indicator	✓		7.1 m (23'3") Industrial stick		✓
<b>HYDRAULIC SYSTEM</b>			5.7 m (18'8") Industrial stick		✓
Electric main control valve	✓		4.1 m (13'3") Over/Under Log Loader stick <sup>(3)</sup>		✓
Boom and stick regeneration circuits	✓				
Automatic hydraulic oil warm up	✓				
Boom and stick lowering control check valves <sup>(4)</sup>	✓				
Tandem type electronic main pump	✓				
Element type main hydraulic filter	✓				
Fine swing control function <sup>(2)</sup>	✓				
Heavy lift mode	✓				

<sup>(2)</sup>North America and Australia/New Zealand only.

<sup>(3)</sup>North America only.

<sup>(4)</sup>Not available for Log Loader configuration.

# MH3040 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>ELECTRICAL SYSTEM</b>			<b>SAFETY AND SECURITY</b>		
Generator, 20 kW with wiring to stick nose		✓	One key security system	✓	
Maintenance free battery	✓		Door and cap locks	✓	
LED chassis light, left-hand/right-hand boom lights, cab lights – 1,800 lumens	✓		Travel/swing lock	✓	
Centralized electrical disconnect switch	✓		Signaling/warning horn	✓	
Programmable time delay LED working lights after engine shutdown: One chassis mounted, one right-hand boom mounted	✓		Travel alarm	✓	
Rotating beacon		✓	Bolt-on OPG		✓
<b>SERVICE AND MAINTENANCE</b>			Right-hand handrail and hand hold	✓	
Side entry to service platform	✓		Rear and right-hand-sideview cameras	✓	
Grouped location for engine oil and fuel filters	✓		Integrated vehicle health management system	✓	
Second dipstick for engine oil	✓		Service platform with anti-skid plate and countersunk bolts	✓	
Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓		Hydraulic lock out lever neutralizes all controls	✓	
Automatic lubrication system for implement and swing system	✓		Ground level accessible secondary engine shutoff switch on undercarriage tool box	✓	
			Cab Access Platform 600 mm (23'6")		✓
			Cab Access Platform Narrow		✓

<sup>(3)</sup>North America only.

## Cab Options

	Deluxe	Premium
Advanced sound suppressed TOPS certified cab	●	●
Heated seat with air suspension	●	X
Heated and ventilated seat with automatic adjustable air suspension	X	●
Height-adjustable seat console	●	●
Tilt-up console on left seat side	●	●
51 mm (2") orange seat belt	●	●
Unfastened seat belt warning	●	●
Automatic bi-level air conditioner	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
360 degree visibility capability	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
Integrated Digital Audio Broadcasting (DAB) radio with speakers	●	●
Microphone, USB and Auxiliary ports	●	●
Two 12V DC outlets	●	●
Document, rear and overhead storage	●	●
Cup and bottle holders	●	●
Fixed one-piece front window and skylight (P5A classified)	○	○
Fixed two-piece front window and skylight (P8B classified)	○	○
Parallel wiper with washer	●	●
LED dome light	●	●
Floor welcome light	●	●
Roller front sunscreen	●	●
Roller rear sunscreen	X	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Bluetooth® receiver	●	●
2-Slider joysticks	●	●
Operator Protective Guards (OPG)	○	○
Skylight wiper with washer	○	○
Rainvisor (not with OPG)	●	●

- Standard
- Optional
- X Not available

## 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**

- Mesh guard full front (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® C7.1 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 (hydrogenated 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 1.2 kg (2.6 lb) of refrigerant which has a CO<sub>2</sub> equivalent of 1.716 metric tonnes (1.891 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 (ISO 6396:2008) – 72 dB(A)

Exterior Sound (ISO 6396:2008) – 101 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).

## 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
  - SMART mode matches engine and hydraulic power to working conditions automatically
  - Cut maintenance costs up to 20% with extended maintenance intervals
  - The latest hydraulic oil filter provides longer life with a 3,000-hour replacement interval – 50% longer than previous filter designs
  - Programmable high-efficiency cooling fans run only when needed
  - 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	74.28%
Iron	8.78%
Nonferrous Metal	1.78%
Mixed Metal	0.08%
Mixed-Metal and Nonmetal	0.02%
Plastic	0.58%
Rubber	3.70%
Mixed Nonmetallic	0.01%
Fluid	5.59%
Other	2.54%
Uncategorized	2.65%
Total	100%

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

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

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

Recyclability – 95%

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