



# 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).

## 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
Swing Drive (each)	5.5 L	1.5 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	11.5 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
End of Industrial Stick 5.7 m (18'8")	9182 mm	30.1 ft
End of Industrial Stick 7.1 m (23'3")	9182 mm	30.1 ft

## Weights

Operating Weights <sup>(1)</sup>		
Minimum	37 182 kg	81,970 lb
Maximum	38 556 kg	85,000 lb

### Typical Configurations

Scrapyard Configuration <sup>(2)</sup>	38 556 kg	85,000 lb
Millyard Configuration <sup>(3)</sup>	37 224 kg	82,070 lb
Log Loader Configuration <sup>(4)</sup>	37 258 kg	82,140 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 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 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.

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## 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 7096:2000-spectral class EM5	<0.7	

## Standards

Cab/Tip Over Protective Structure (TOPS)	EN474-5:2006 + A3:2013
Falling Object Guard System (FOGS) (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	103 dB(A)

- Operator Sound – The operator sound level is measured according to the procedures specified in ISO 6396:2008, for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed.
- Exterior Sound – The labeled exterior sound power level is measured according to the test procedures specified in ISO 6395:2008.
- The machine sound power level meets the criteria that are specified in the applicable regional regulations, e.g. 2000/14/EC as amended by 2005/88/EC.
- 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

Weights: Boom (including boom and stick cylinders, pins and standard hydraulic lines)

MH Boom 9.3 m (30'6")	4005 kg	8,830 lb
LL Boom 6.8 m (22'4")*	4090 kg	9,020 lb
Barge Boom 9.9 m (32'6")	4450 kg	9,800 lb

Sticks (including pins and standard hydraulic lines):

Industrial Stick 5.7 m (18'8")	1490 kg	3,280 lb
Industrial Stick 7.1 m (23'3")	1625 kg	3,580 lb
Over/Under Stick 4.1 m (13'3") (including heel cylinder)*	1710 kg	3,770 lb

Counterweight:

7700 kg (16,980 lb) Counterweight	7700 kg	16,980 lb
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Undercarriage (including axles, solid tires and steps):

Outriggers Front and Rear	12 940 kg	28,530 lb
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Set of Tires:

Single Solid Tires 16.00-25	3050 kg	6,720 lb
Single Pneumatic Tires 23.50-R25	2085 kg	4,600 lb

Heel*	780 kg	1,720 lb
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Optional Equipment:

Generator	285 kg	630 lb
FOGS Guard	130 kg	290 lb
High Impact Resistance Windshield (P8B glass)	70 kg	154 lb

Grapples (with mounting bracket):

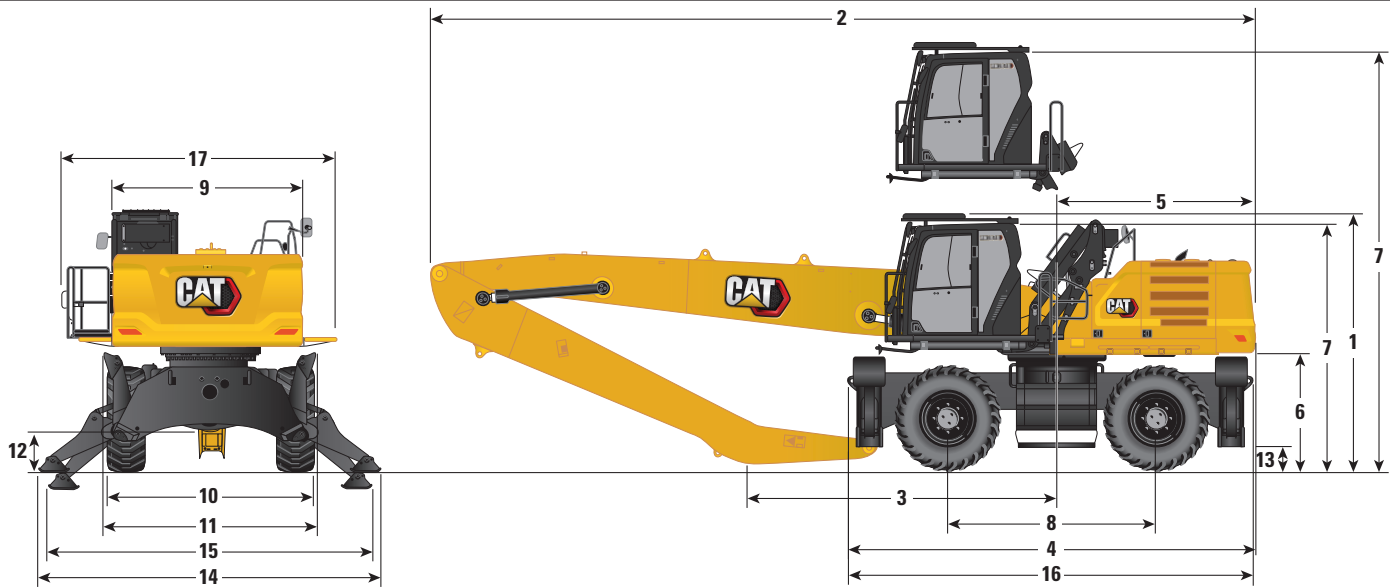
GSH425-750-S (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	1674 kg	3,690 lb
GSH425-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	1712 kg	3,770 lb
GSH425-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	1767 kg	3,900 lb
GSH440-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2183 kg	4,810 lb
GSH440-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2215 kg	4,880 lb
GSH440-1550-S (1.55 m <sup>3</sup> /2.0 yd <sup>3</sup> )	2311 kg	5,090 lb
GSH525-750-S (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	1976 kg	4,360 lb
GSH525-750-C (0.75 m <sup>3</sup> /1.0 yd <sup>3</sup> )	2168 kg	4,780 lb
GSH525-950-S (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2024 kg	4,460 lb
GSH525-950-C (0.95 m <sup>3</sup> /1.25 yd <sup>3</sup> )	2246 kg	4,950 lb
GSH525-1150-S (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2092 kg	4,610 lb
GSH525-1150-C (1.15 m <sup>3</sup> /1.5 yd <sup>3</sup> )	2334 kg	5,150 lb
GLL55B	1291 kg	2,850 lb
GLL60B	1344 kg	2,960 lb

\*North America only.

# MH3040 Material Handler Specifications

## Dimensions

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



Boom Options	MH Boom 9.3 m (30'6")				Log Loader Boom 6.8 m (22'4")**	
	Industrial 5.7 m (18'8")		Industrial 7.1 m (23'3")		Over/Under Stick 4.1 m (13'3")	
<b>1</b> Shipping Height with Falling Object Guard (highest point between boom and cab)	3805 mm	12'6"	3805 mm	12'6"	3880 mm	12'9"
<b>2</b> Shipping Length	12 800 mm	42'0"	12 800 mm	42'0"	10 350 mm	33'11"
<b>3</b> Support Point	5890 mm	19'4"	4620 mm	15'2"	4750 mm	15'7"
<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	1741 mm	5'9"	1741 mm	5'9"	1741 mm	5'9"
<b>7</b> Cab Height						
Cab Lowered – without Falling Object Guard	3660 mm	12'0"	3660 mm	12'0"	3660 mm	12'0"
Cab Lowered – with Falling Object Guard	3805 mm	12'6"	3805 mm	12'6"	3805 mm	12'6"
Cab Raised – without Falling Object Guard	6255 mm	20'6"	6255 mm	20'6"	6256 mm	20'6"
Cab Raised – with Falling Object Guard	6400 mm	21'0"	6400 mm	21'0"	6401 mm	21'0"
<b>8</b> Wheel Base	3210 mm	10'6"	3210 mm	10'6"	3211 mm	10'6"
<b>9</b> Shipping Width	3000 mm	9'10"	3000 mm	9'10"	3001 mm	9'10"
<b>10</b> Outside Tires*	3000 mm	9'10"	3000 mm	9'10"	3001 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"	421 mm	1'5"
<b>13</b> Ground Clearance (frame)	265 mm	0'10"	265 mm	0'10"	266 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"	6426 mm	21'1"
<b>17</b> Upperframe Width	2957 mm	9'8"	2957 mm	9'8"	2958 mm	9'8"
Including Handrails	3000 mm	9'10"	3000 mm	9'10"	3001 mm	9'10"
Including Walkways	3970 mm	13'0"	3970 mm	13'0"	3971 mm	13'0"
Including Cab Platform and Walkways	4145 mm	13'7"	4145 mm	13'7"	4146 mm	13'7"

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

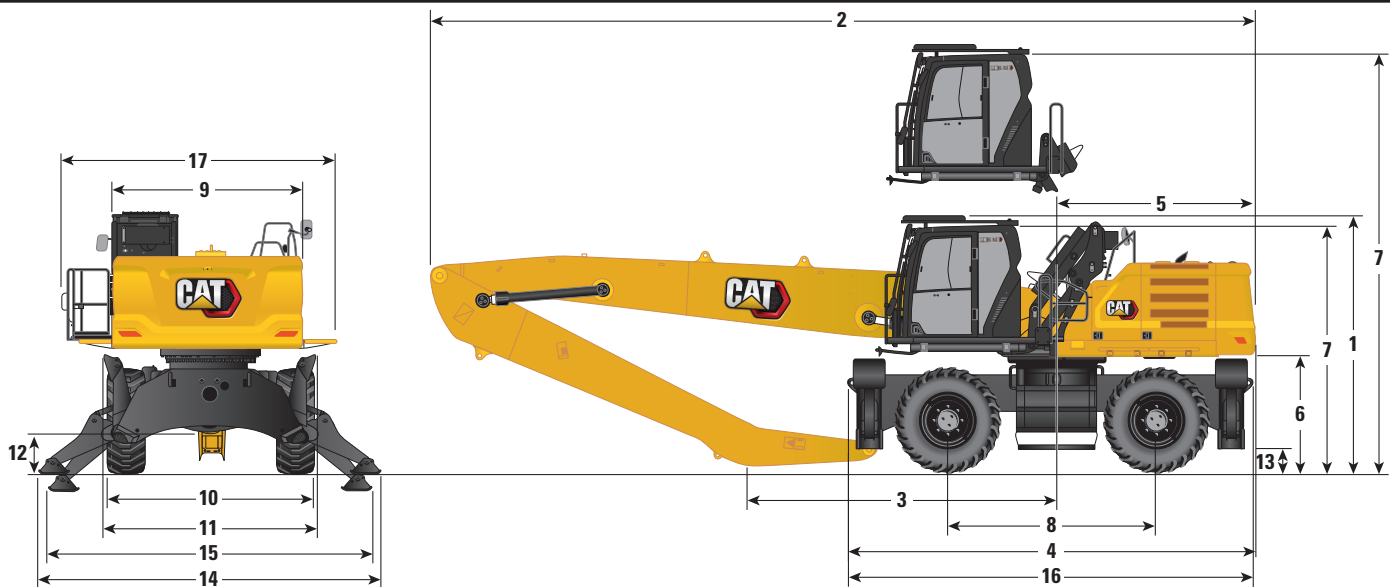
\*\*North America only.

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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	Barge Boom 9.9 m (32'6")			
Stick Options	Industrial 5.7 m (18'8")		Industrial 7.1 m (23'3")	
1 Shipping Height with Falling Object Guard (highest point between boom and cab)	3805 mm	12'6"	3805 mm	12'6"
2 Shipping Length	13 360 mm	43'10"	13 380 mm	43'11"
3 Support Point	6460 mm	21'2"	5100 mm	16'9"
4 Machine Length	6330 mm	20'9"	6330 mm	20'9"
5 Tail Swing Radius	3130 mm	10'3"	3130 mm	10'3"
6 Counterweight Clearance	1741 mm	5'9"	1741 mm	5'9"
7 Cab Height				
Cab Lowered – without Falling Object Guard	3660 mm	12'0"	3660 mm	12'0"
Cab Lowered – with Falling Object Guard	3805 mm	12'6"	3805 mm	12'6"
Cab Raised – without Falling Object Guard	6255 mm	20'6"	6255 mm	20'6"
Cab Raised – with Falling Object Guard	6400 mm	21'0"	6400 mm	21'0"
8 Wheel Base	3210 mm	10'6"	3210 mm	10'6"
9 Shipping Width	3000 mm	9'10"	3000 mm	9'10"
10 Outside Tires*	3000 mm	9'10"	3000 mm	9'10"
11 Width with Outriggers Fully Up	3235 mm	10'7"	3235 mm	10'7"
12 Ground Clearance (axle)	420 mm	1'5"	420 mm	1'5"
13 Ground Clearance (frame)	265 mm	0'10"	265 mm	0'10"
14 Width with Outriggers on Ground	5410 mm	17'9"	5410 mm	17'9"
15 Width with Outriggers Fully Down	5255 mm	17'3"	5255 mm	17'3"
16 Undercarriage Length	6225 mm	20'5"	6225 mm	20'5"
17 Upperframe Width	2957 mm	9'8"	2957 mm	9'8"
Including Handrails	3000 mm	9'10"	3000 mm	9'10"
Including Walkways	3970 mm	13'0"	3970 mm	13'0"
Including Cab Platform and Walkways	4145 mm	13'7"	4145 mm	13'7"

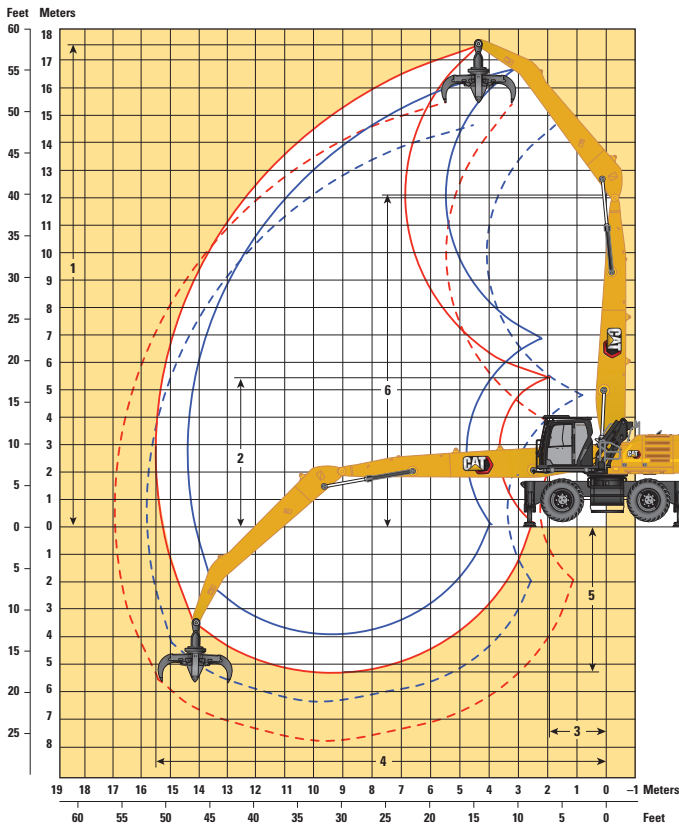
\*With solid tires. For pneumatic tires add 180 mm (0'7").

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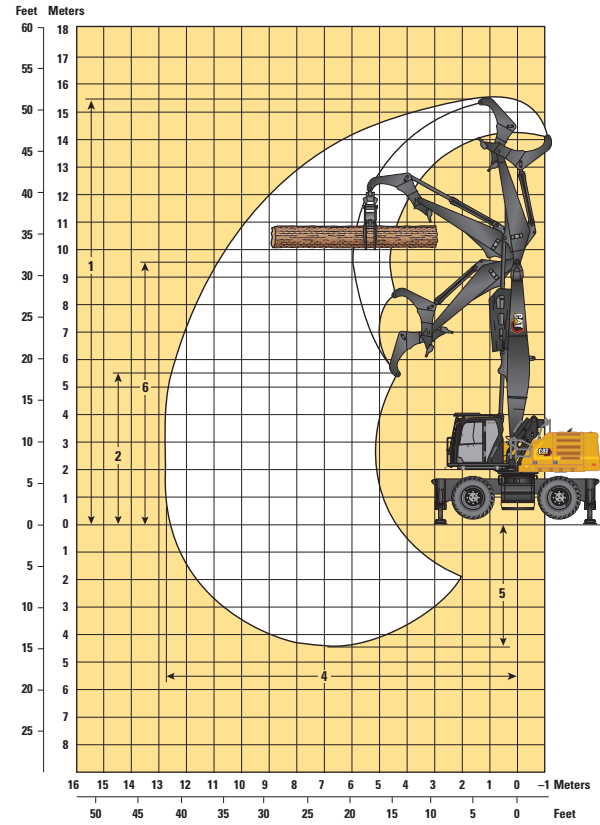
# MH3040 Material Handler Specifications

## Working Ranges and Forces

All dimensions are approximate.



- 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")		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	16 673 mm	54'8"	17 510 mm	57'5"	15 380 mm	50'6"
2 Dump Height at Minimum Reach	6895 mm	22'7"	5445 mm	17'10"	5550 mm	18'3"
3 Minimum Reach	2210 mm	7'3"	1920 mm	6'4"	—	—
4 Maximum Reach	14 390 mm	47'3"	15 490 mm	50'10"	12 800 mm	42'0"
5 Maximum Depth	3865 mm	12'8"	5265 mm	17'3"	4420 mm	14'6"
6 Boom Pin Height	12 195 mm	40'0"	12 195 mm	40'0"	9560 mm	31'4"

All dimensions refer to stick/heel nose pin.

Machine on stabilizers.

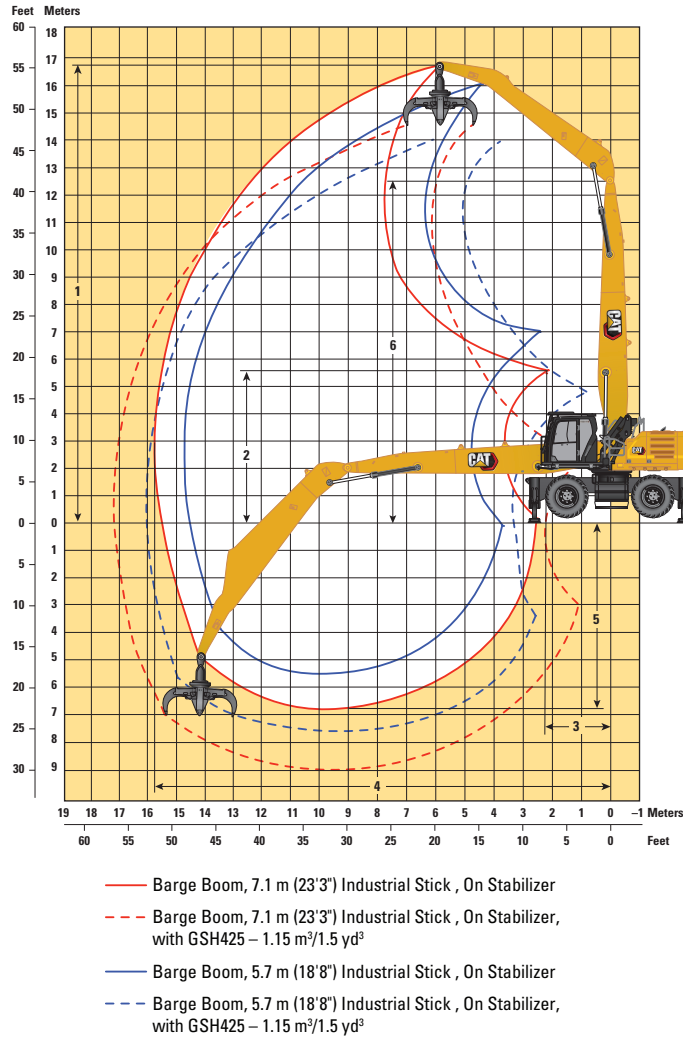
\*North America only.

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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			
	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


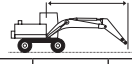
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft	
																			
16.5 m 55.0 ft	kg lb																*8700	*8700	3.85
15.0 m 50.0 ft	kg lb			*8550	*8550												*6600	*6600	7.41
13.5 m 45.0 ft	kg lb	*21,200	*21,200	*17,800	*17,800												*14,900	*14,900	22.94
12.0 m 40.0 ft	kg lb			*9900	*9900	*8750	*8750	*6800	*6800								*5850	*5850	9.49
10.5 m 35.0 ft	kg lb			*23,500	*23,500	*18,400	*18,400	*13,500	*13,500								*13,050	*13,050	30.31
9.0 m 30.0 ft	kg lb			*10 850	*10 850	*9500	*9500	*8450	*8450	*6550	*6550						*5500	*5500	10.98
7.5 m 25.0 ft	kg lb			*23,500	*23,500	*20,700	*20,700	*18,450	*18,450	*12,950	*12,950						*12,200	*12,200	35.48
6.0 m 20.0 ft	kg lb			*11 050	*11 050	*9550	*9550	*8500	*8500	*7650	*7650	*5600	*5600				*5300	*5300	12.10
4.5 m 15.0 ft	kg lb			*24,000	*24,000	*20,800	*20,800	*18,450	*18,450	*16,650	*16,650						*11,750	*11,750	39.34
3.0 m 10.0 ft	kg lb			*11 500	*11 500	*9850	*9850	*8650	*8650	*7700	*7700	*6950	6900				*5250	*5250	12.95
1.5 m 5.0 ft	kg lb			*24,950	*24,950	*21,350	*21,350	*18,750	*18,750	*16,750	*16,750	*15,050	14,750				*11,550	*11,550	42.25
0 m 0 ft	kg lb	*15 500	*15 500	*12 300	*12 300	*10 300	*10 300	*8900	*8900	*7800	*7800	*6950	6800	*5500	*5500		*5250	*5250	13.58
-1.5 m -5.0 ft	kg lb	*33,350	*33,350	*26,600	*26,600	*22,300	*22,300	*19,250	*19,250	*16,950	*16,950	*15,100	14,650				*11,550	*11,550	44.40
-3.0 m -10.0 ft	kg lb	*17 500	*17 500	*13 300	*13 300	*10 850	*10 850	*9150	*9150	*7950	*7950	*7000	6700	*6150	5600		*5300	5250	14.02
		*37,650	*37,650	*28,750	*28,750	*23,400	*23,400	*19,850	*19,850	*17,250	*17,250	*15,150	14,400	*13,250	11,950		*11,700	11,600	45.91
		*13 250	*13 250	*14 250	*14 250	*11 300	*11 300	*9400	*9400	*8050	8000	*7000	6550	*6100	5500		*5450	5050	14.28
		*36,200	*36,200	*30,750	*30,750	*24,450	*24,450	*20,400	*20,400	*17,450	17,250	*15,150	14,150	*13,100	11,850		*12,000	11,150	46.83
				*14 650	*14 650	*11 550	*11 550	*9500	*9500	*8050	7800	*6950	6450	*5950	5450		*5300	4950	14.39
				*31,700	*31,700	*25,000	*25,000	*20,600	*20,600	*17,450	16,800	*14,950	13,850	*12,750	11,700		*11,650	10,900	47.20
				*10 350	*10 350	*11 400	*11 400	*9400	*9400	*7900	7650	*6750	6350	*5650	5350		*5000	4950	14.33
				*24,500	*24,500	*24,700	*24,700	*20,350	*20,350	*17,100	16,450	*14,500	13,600	*12,100	11,550		*10,950	10,850	47.03
		*4400	*4400	*9000	*9000	*10 750	*10 750	*8950	*8950	*7550	7500	*6350	6250	*5200	*5200		*4650	*4650	14.12
		*9,950	*9,950	*20,750	*20,750	*23,350	*23,350	*19,400	*19,400	*16,250	16,150	*13,600	13,450	*11,000	*11,000		*10,150	*10,150	46.32
				*9150	*9150	*9700	*9700	*8200	*8200	*6900	*6900	*5700	*5700	*4450	*4450		*4200	*4200	13.74
				*20,900	*20,900	*21,050	*21,050	*17,700	*17,700	*14,800	*14,800	*12,200	*12,200	*9,200	*9,200		*9,200	*9,200	45.04
						*8200	*8200	*7050	*7050	*5900	*5900	*4750	*4750				*4350	*4350	12.44
						*17,750	*17,750	*15,150	*15,150	*12,600	*12,600	*9,950	*9,950				*9,650	*9,650	40.56



ISO 10567



\* 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


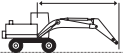
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft
																		
15.0 m 50.0 ft	kg lb			*8200 *16,900	*8200 *16,900											*6750 *15,350	*6750 *15,350	7.01
13.5 m 45.0 ft	kg lb			*9750 *20,950	*9750 *20,950	*8500 *17,800	*8500 *17,800	*6400 6400	6400							*5950 *13,250	*5950 *13,250	9.22 29.37
12.0 m 40.0 ft	kg lb			*10 700 *23,200	*10 700 *23,200	*9500 *20,700	8750 18,800	7200 15,450	6500 13,950	5550	5000					5300 11,950	4750 10,750	10.78 34.79
10.5 m 35.0 ft	kg lb			*11 000 *23,900	*11 000 *23,900	*9550 20,750	8700 18,700	7200 15,450	6500 13,950	5600 11,950	5000 10,750					4450 9,900	4000 8,900	11.95 38.82
9.0 m 30.0 ft	kg lb			*11 400 *24,750	*11 400 *24,750	9450 20,350	8500 18,350	7100 15,200	6400 13,700	5500 11,850	4950 10,650	4400 9,400	3950 8,450			3900 8,650	3500 7,750	12.83 41.86
7.5 m 25.0 ft	kg lb	*15 200 *32,850	*15 200 *32,850	*12 150 *26,300	11 600 25,000	9150 19,700	8200 17,700	6900 14,800	6200 13,300	5400 11,600	4850 10,400	4350 9,300	3900 8,350			3550 7,850	3150 7,000	13.49 44.12
6.0 m 20.0 ft	kg lb	*17 150 *36,950	17 050 36,850	12 250 26,450	10 900 23,500	8700 18,800	7800 16,800	6600 14,250	5950 12,750	5250 11,250	4700 10,050	4250 9,100	3800 8,150	3500 7,500	3100 6,650	3300 7,300	2950 6,450	13.96 45.72
4.5 m 15.0 ft	kg lb	17 500 37,800	15 150 32,800	11 350 24,500	10 000 21,650	8200 17,750	7300 15,800	6300 13,600	5650 12,150	5050 10,850	4500 9,700	4150 8,850	3700 7,900	3450 7,350	3050 6,550	3150 6,900	2800 6,100	14.25 46.73
3.0 m 10.0 ft	kg lb			10 500 22,700	9200 19,900	7750 16,700	6850 14,750	6050 13,000	5350 11,550	4850 10,450	4300 9,300	4000 8,600	3550 7,650	3350 7,200	3000 6,400	3050 6,700	2700 5,900	14.38 47.18
1.5 m 5.0 ft	kg lb			9900 21,350	8600 18,600	7350 15,850	6450 13,950	5750 12,450	5100 11,000	4700 10,100	4150 8,950	3900 8,400	3450 7,400	3300 7,100	2900 6,250	3000 6,650	2650 5,850	14.35 47.09
0 m 0 ft	kg lb	*4200 *9,650	*4200 *9,650	*9050 20,650	8300 17,950	7100 15,300	6200 13,400	5600 12,050	4900 10,600	4550 9,800	4000 8,650	3800 8,200	3350 7,250	3250 7,000	2850 6,150	3050 6,700	2700 5,900	14.16 46.47
-1.5 m -5.0 ft	kg lb			*9100 20,400	8200 17,700	6950 15,000	6100 13,100	5450 11,800	4800 10,350	4500 9,650	3950 8,500	3750 8,100	3300 7,150	3250 6,950	2850 6,150	3150 6,900	2800 6,100	13.81 45.28
-3.0 m -10.0 ft	kg lb					6950 14,950	6050 13,050	5450 11,700	4750 10,250	4450 9,600	3900 8,450	3750 8,100	3300 7,150			3500 7,700	3050 6,750	12.78 41.71



ISO 10567



\* 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, pneumatic tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height


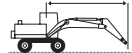
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft	
																			
16.5 m 55.0 ft	kg lb																*8700	*8700	3.85
15.0 m 50.0 ft	kg lb	*21,200	*21,200	*17,800	*17,800												*6600	*6600	7.41
13.5 m 45.0 ft	kg lb			*9900	*9900	*8750	*8750	*6800	*6800								*14,900	*14,900	22.94
12.0 m 40.0 ft	kg lb			*10,850	*10,850	*9500	*9500	*8450	*8450	*6550	*6550						*5850	*5850	30.31
10.5 m 35.0 ft	kg lb			*11,050	*11,050	*9550	*9550	*8500	*8500	*7650	*7650	*5600	*5600				*12,200	*12,200	35.48
9.0 m 30.0 ft	kg lb			*11,500	*11,500	*9850	*9850	*8650	*8650	*7700	*7700	*6950	6700				*5300	*5300	12.10
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		*11,750	*11,750	39.34
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		*11,550	*11,550	42.25
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	13.58
3.0 m 10.0 ft	kg lb			*14,650	*14,650	*11,550	*11,550	*9500	9500	*8050	7600	*7000	6250	*5950	5300		*11,550	*11,550	44.40
1.5 m 5.0 ft	kg lb			*10,350	*10,350	*11,400	*11,400	*9400	9250	*7900	7400	*6950	6150	*5650	5200		*11,700	*11,700	45.91
0 m 0 ft	kg lb	*4400	*4400	*9000	*9000	*10,750	*10,750	*8950	*8950	*7550	7300	*6350	6050	*5200	5150		*13,250	*13,250	47.20
-1.5 m -5.0 ft	kg lb			*9150	*9150	*9700	*9700	*8200	*8200	*6900	*6900	*5700	*5700	*4450	*4450		*14,500	*14,500	47.03
-3.0 m -10.0 ft	kg lb					*8200	*8200	*7050	*7050	*5900	*5900	*4750	*4750				*10,950	*10,950	47.03



ISO 10567



\* 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, pneumatic tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

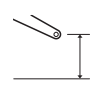
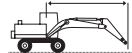
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft	
																			
16.5 m 55.0 ft	kg lb																*9250	*9250	3.24
15.0 m 50.0 ft	kg lb			*8350	*8350												*6700	*6700	7.16
13.5 m 45.0 ft	kg lb	*20,900	*20,900	*17,250	*17,250												*15,200	*15,200	22.02
12.0 m 40.0 ft	kg lb			*9800	*9800	*8550	*8550	*6550	*6550								*5900	*5900	9.32
10.5 m 35.0 ft	kg lb			*21,050	*21,050	*18,000	*18,000										*13,200	*13,200	29.71
9.0 m 30.0 ft	kg lb			*10,750	*10,750	*9500	9050	7050	6750	5400	5150						5100	4850	10.85
7.5 m 25.0 ft	kg lb	*15,300	*15,300	*12,200	12,050	8900	8500	6700	6400	5250	5000	4250	4000	3450	3250		3450	3250	13.52
6.0 m 20.0 ft	kg lb	*37,200	*37,200	25,750	24,400	18,300	17,400	13,900	13,200	10,950	10,400	8,850	8,400	7,250	6,900	3200	3200	3050	13.98
4.5 m 15.0 ft	kg lb	*16,800	15,850	11,050	10,400	8000	7550	6150	5850	4900	4650	4000	3800	3350	3150	3050	2900	2900	14.26
3.0 m 10.0 ft	kg lb			10,200	9600	7500	7100	5850	5550	4700	4450	3900	3700	3250	3100	2950	2800	2800	14.38
1.5 m 5.0 ft	kg lb			9600	9000	7150	6750	5600	5300	4550	4300	3800	3600	3200	3050	2950	2750	2750	14.35
0 m 0 ft	kg lb	*4250	*4250	*9000	8700	6900	6500	5400	5100	4400	4200	3700	3500	3150	3000	2950	2800	2800	14.15
-1.5 m -5.0 ft	kg lb	*9,750	*9,750	20,050	18,800	14,850	13,950	11,650	11,000	9,500	9,000	7,950	7,500	6,800	6,400	6,500	6,150	6,150	46.42
-3.0 m -10.0 ft	kg lb			*9100	8600	6750	6350	5300	5000	4350	4100	3650	3450	3150	2950	3050	2900	2900	13.78
						6750	6350	5300	4950	4300	4100	3650	3450			3400	3200	3200	12.67
						14,500	13,650	11,350	10,700	9,300	8,800	7,850	7,400			7,550	7,150	7,150	41.33



ISO 10567



\* 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


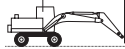
 Load at maximum reach (stick nose/bucket pin)

### Undercarriage

MH

### 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				m ft		
	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					*6500 *13,350	*6500 *13,350														*5550 *12,650	*5550 *12,650	6.96 20.98	
15.0 m 50.0 ft							*6700 *14,050	*6700 *14,050	*5300 *11,670	*5300 *11,670										*4800 *10,750	*4800 *10,750	9.39 29.73	
13.5 m 45.0 ft							*7650 *16,400	*7650 *16,400	*6700 *14,100	*6700 *14,100	*5250 *11,550	*5250 *11,550								*4450 *9,850	*4450 *9,850	11.10 35.71	
12.0 m 40.0 ft							*8350 *18,100	*8350 *18,100	*7650 *16,400	*7650 *16,400	*6550 *13,800	*6550 *13,800	*4850 *10,650	*4850 *10,650						*4250 *9,350	*4250 *9,350	12.39 40.18	
10.5 m 35.0 ft							*8700 *18,900	*8700 *18,900	*7850 *17,100	*7850 *17,100	*7150 *15,600	*7150 *15,600	*6200 *12,800	*6200 *12,800						*4150 *9,100	*4150 *9,100	13.39 43.62	
9.0 m 30.0 ft							*8950 *19,500	*8950 *19,500	*8000 *17,450	*8000 *17,450	*7250 *15,750	*7250 *15,750	*6600 *14,400	*6600 *14,400	*5300 *10,600	*5300 *10,600				*4100 *9,000	*4100 *9,000	14.16 46.26	
7.5 m 25.0 ft					*11 000 *23,800	*11 000 *23,800	*9450 *20,500	*9450 *20,500	*8300 *18,050	*8300 *18,050	*7400 *16,100	*7400 *16,100	*6700 *14,550	*6700 *14,550	*6050 *13,150	5800 12,400				*4100 *9,050	*4100 *9,050	14.74 48.23	
6.0 m 20.0 ft			*14 250 *30,600	*14 250 *30,600	*12 050 *26,050	*12 050 *26,050	*10 050 *21,800	*10 050 *21,800	*8650 *18,800	*8650 *18,800	*7650 *16,550	*7650 *16,550	*6800 *14,750	*6800 *14,750	*6100 *13,200	5700 12,250	*4550 *10,000	*4550 *10,000		*4200 *9,200	*4200 *9,200	15.15 49.62	
4.5 m 15.0 ft			*17 500 *37,700	*17 500 *37,700	*13 200 *28,550	*13 200 *28,550	*10 700 *23,150	*10 700 *23,150	*9050 *19,550	*9050 *19,550	*7800 *16,950	*7800 *16,950	*6900 *14,900	6700 14,400	*6100 *13,150	5600 12,000	*5300 *10,250	4750 10,200		*4300 *9,450	*4300 *9,450	15.39 50.47	
3.0 m 10.0 ft			*15 100 *33,050	*15 100 *33,050	*14 150 *30,600	*14 150 *30,600	*11 200 *24,250	*11 200 *24,250	*9300 *20,150	*9300 *20,150	*7950 *17,200	*7950 *17,200	*6900 *14,950	6550 14,050	*6050 *13,050	5500 11,800	*5250 *11,200	4700 10,050		*4450 *9,800	*4450 *9,800	15.49 50.82	
1.5 m 5.0 ft			*6700 *15,500	*6700 *15,500	*14 500 *31,400	*14 500 *31,400	*11 450 *24,750	*11 450 *24,750	*9400 *20,350	*9400 *20,350	*7950 *17,250	7750 16,650	*6850 *14,800	6400 13,750	*5900 *12,750	5400 11,600	*5000 *10,700	4650 9,950		*4700 *10,350	*4700 *10,350	15.44 50.66	
0 m 0 ft		*3050 *6,800	*3050 *6,800	*5700 *12,950	*5700 *12,950	*11 800 *27,450	*11 800 *27,450	*11 250 *24,350	*11 250 *24,350	*9250 *20,050	*9250 *20,050	*7800 *16,850	7550 16,250	*6650 *14,350	6250 13,450	*5650 *12,150	5300 11,400	*4650 *9,850	4600 *9,850		*4500 *9,850	*4500 *9,850	15.24 50.00
-1.5 m -5.0 ft				*5900 *13,250	*5900 *13,250	*10 050 *23,000	*10 050 *23,000	*10 600 *22,950	*10 600 *22,950	*8800 *19,000	*8800 *19,000	*7400 *15,950	7400 15,950	*6250 *13,450	6150 13,250	*5200 *11,150	*5200 *11,150				*4200 *9,150	*4200 *9,150	14.89 48.82
-3.0 m -10.0 ft				*6400 *14,350	*6400 *14,350	*9750 *22,150	*9750 *22,150	*9550 *20,600	*9550 *20,600	*8000 *17,250	*8000 *17,250	*6750 *14,450	*6750 *14,450	*5600 *12,000	*5600 *12,000	*4500 *9,500	*4500 *9,500				*3800 *8,300	*3800 *8,300	14.37 47.07
-4.5 m -15.0 ft							*8050 *17,250	*8050 *17,250	*6850 *14,650	*6850 *14,650	*5700 *12,200	*5700 *12,200	*4650 *9,800	*4650 *9,800							*4200 *9,300	*4200 *9,300	12.63 40.95



ISO 10567



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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


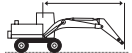




















 Load at maximum reach (stick nose/bucket pin)

### Undercarriage

MH

### 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				m ft		
																								
16.5 m 55.0 ft	kg lb					*6200	*6200														*5700	*5700	6.47 19.18	
15.0 m 50.0 ft	kg lb							*6500	*6500	*5000	*5000											*4900	*4900	9.08 28.64
13.5 m 45.0 ft	kg lb							*7500	*7500	*6500	*6500	*5000	*5000									*4500	*4500	10.87 34.92
12.0 m 40.0 ft	kg lb							*8250	*8250	*7500	6850	5850	5300	*4600	4150							*4250	4000	12.22 39.57
10.5 m 35.0 ft	kg lb							*8650	*8650	7500	6850	5850	5300	4650	4200							3850	3450	13.26 43.15
9.0 m 30.0 ft	kg lb							*8900	*8900	7400	6700	5750	5200	4600	4150	3750	3350					3450	3100	14.06 45.90
7.5 m 25.0 ft	kg lb					*10 850	*10 850	*9350	8700	7200	6500	5650	5050	4500	4050	3700	3300					3150	2800	14.66 47.97
6.0 m 20.0 ft	kg lb			*13 300	*13 300	*11 850	11 700	9200	8250	6950	6250	5450	4900	4400	3950	3600	3200	3000	2650			2950	2600	15.09 49.44
4.5 m 15.0 ft	kg lb	*55,100	*55,100	*17 150	16 900	12 200	10 800	8700	7750	6600	5900	5200	4650	4250	3800	3500	3150	2950	2600	2800	2500	2500	15.48 50.38	
3.0 m 10.0 ft	kg lb			17 250	14 900	11 200	9850	8100	7200	6250	5550	5000	4450	4100	3650	3400	3050	2900	2550	2750	2400	2400	15.48 50.80	
1.5 m 5.0 ft	kg lb			*7100	*7100	10 350	9050	7600	6700	5900	5250	4800	4250	3950	3500	3300	2950	2850	2500	2700	2400	2400	15.46 50.72	
0 m 0 ft	kg lb	*2900	*2900	*5750	*5750	9750	8500	7200	6350	5650	5000	4600	4050	3800	3350	3250	2850	2800	2450	2700	2400	2400	15.28 50.14	
-1.5 m -5.0 ft	kg lb	*8,450	*8,450	*5850	*5850	9450	8150	6950	6100	5450	4800	4450	3900	3750	3300	3200	2800				2750	2450	14.95 49.03	
-3.0 m -10.0 ft	kg lb			*6300	*6300	9300	8050	6850	5950	5350	4700	4400	3850	3650	3250	3150	2750				2900	2550	14.46 47.38	
-4.5 m -15.0 ft	kg lb					9350	8050	6800	5950	5300	4650	4350	3800	3650	3200								13.05 42.40	



ISO 10567



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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, 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

### 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		m ft		
	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					*6500 *13,350	*6500 *13,350												*5550 *12,650	*5550 *12,650	6.96 20.98	
15.0 m 50.0 ft							*6700 *14,050	*6700 *14,050	*5300 *11,670	*5300 *11,670								*4800 *10,750	*4800 *10,750	9.39 29.73	
13.5 m 45.0 ft							*7650 *16,400	*7650 *16,400	*6700 *14,100	*6700 *14,100	*5250 *11,550	*5250 *11,550						*4450 *9,850	*4450 *9,850	11.10 35.71	
12.0 m 40.0 ft							*8350 *18,100	*8350 *18,100	*7650 *16,400	*7650 *16,400	*6550 *13,800	*6550 *13,800	*4850 *10,650	*4850 *10,650				*4250 *9,350	*4250 *9,350	12.39 40.18	
10.5 m 35.0 ft							*8700 *18,900	*8700 *18,900	*7850 *17,100	*7850 *17,100	*7150 *15,600	*7150 *15,600	*6200 *12,800	*6200 *12,800				*4150 *9,100	*4150 *9,100	13.39 43.62	
9.0 m 30.0 ft							*8950 *19,500	*8950 *19,500	*8000 *17,450	*8000 *17,450	*7250 *15,750	*7250 *15,750	*6600 *14,400	*6600 *14,400	*5300 *10,600	*5300 *10,600		*4100 *9,000	*4100 *9,000	14.16 46.26	
7.5 m 25.0 ft					*11 000 *23,800	*11 000 *23,800	*9450 *20,500	*9450 *20,500	*8300 *18,050	*8300 *18,050	*7400 *16,100	*7400 *16,100	*6700 *14,550	*6700 *14,550	*6050 *13,150	5600 12,050		*4100 *9,050	*4100 *9,050	14.74 48.23	
6.0 m 20.0 ft			*14 250 *30,600	*14 250 *30,600	*12 050 *26,050	*12 050 *26,050	*10 050 *21,800	*10 050 *21,800	*8650 *18,800	*8650 *18,800	*7650 *16,550	*7650 *16,550	*6800 *14,750	6700 14,350	*6100 *13,200	5550 11,900	*4550 *9,900	*4200 *9,200	*4200 *9,200	15.15 49.62	
4.5 m 15.0 ft			*17 500 *37,700	*17 500 *37,700	*13 200 *28,550	*13 200 *28,550	*10 700 *23,150	*10 700 *23,150	*9050 *19,550	*9050 *19,550	*7800 *16,950	*7800 *16,950	*6900 *14,900	6500 14,000	*6100 *13,150	5450 11,700	*5300 *10,250	4600 9,900	*4300 *9,450	*4300 *9,450	15.39 50.47
3.0 m 10.0 ft			*15 100 *33,050	*15 100 *33,050	*14 150 *30,600	*14 150 *30,600	*11 200 *24,250	*11 200 *24,250	*9300 *20,150	*9300 *20,150	*7950 *17,200	7750 16,700	*6900 *14,950	6350 13,650	*6050 *13,050	5350 11,450	*5250 *11,200	4550 9,750	*4450 *9,800	4350 9,500	15.49 50.82
1.5 m 5.0 ft			*6700 *15,500	*6700 *15,500	*14 500 *31,400	*14 500 *31,400	*11 450 *24,750	*11 450 *24,750	*9400 *20,350	9400 20,250	*7950 *17,250	7500 16,200	*6850 *14,800	6200 13,350	*5900 *12,750	5250 11,250	*5000 *10,700	4500 9,650	*4700 *10,350	4300 9,450	15.44 50.66
0 m 0 ft		*3050 *6,800	*3050 *6,800	*5700 *12,950	*5700 *12,950	*11 800 *27,450	*11 800 *27,450	*11 250 *24,350	*11 250 *24,350	*9250 *20,050	9100 19,650	*7800 *16,850	7350 15,750	*6650 *14,350	6050 13,050	*5650 *12,150	5150 11,050	*4650 *9,850	4450 9,550	*4500 *9,550	15.24 50.00
-1.5 m -5.0 ft			*5900 *13,250	*5900 *13,250	*10 050 *23,000	*10 050 *23,000	*10 600 *22,950	*10 600 *22,950	*8800 *19,000	*8800 *19,000	*7400 *15,950	7200 15,450	*6250 *13,450	6000 12,850	*5200 *11,150	5100 10,950		*4200 *9,150	*4200 *9,150	14.89 48.82	
-3.0 m -10.0 ft			*6400 *14,350	*6400 *14,350	*9750 *22,150	*9750 *22,150	*9550 *20,600	*9550 *20,600	*8000 *17,250	*8000 *17,250	*6750 *14,450	*6750 *14,450	*5600 *12,000	*5600 *12,000	*4500 *9,500	*4500 *9,500		*3800 *8,300	*3800 *8,300	14.37 47.07	
-4.5 m -15.0 ft							*8050 *17,250	*8050 *17,250	*6850 *14,650	*6850 *14,650	*5700 *12,200	*5700 *12,200	*4650 *9,800	*4650 *9,800				*4200 *9,300	*4200 *9,300	12.63 40.95	



ISO 10567



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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, pneumatic tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side


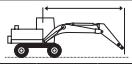




















 Load at maximum reach (stick nose/bucket pin)

### Undercarriage

MH

### 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						
																						m ft		
16.5 m 55.0 ft	kg lb					*6300	*6300														*5650	*5650	6.65 19.84	
15.0 m 50.0 ft	kg lb							*6550	*6550	*5100	*5100											*4850	*4850	9.19 29.03
13.5 m 45.0 ft	kg lb							*7550	*7550	*6600	*6600	*5100	*5100									*4450	*4450	10.95 35.2
12.0 m 40.0 ft	kg lb							*8300	*8300	7450	7100	5750	5450	4500	4300							*4250	4100	12.28 39.79
10.5 m 35.0 ft	kg lb							*8650	*8650	7400	7050	5700	5450	4550	4300							3750	3550	13.31 43.32
9.0 m 30.0 ft	kg lb							*8950	*8950	7250	6900	5650	5350	4500	4300	3650	3450					3350	3150	14.1 46.03
7.5 m 25.0 ft	kg lb					*10 900	*10 900	*9400	9000	7050	6700	5500	5250	4400	4200	3600	3400					3050	2900	14.69 48.06
6.0 m 20.0 ft	kg lb			*13 600	*13 600	*11 950	*11 950	9000	8550	6750	6450	5300	5050	4250	4050	3500	3350	2900	2750			2850	2700	15.11 49.51
4.5 m 15.0 ft	kg lb	*55,850	*55,850	*17 250	*17 250	11 850	11 200	8450	8000	6400	6100	5100	4850	4150	3900	3400	3250	2850	2700	2750	2750	2600	2450	15.37 50.41
3.0 m 10.0 ft	kg lb			16 750	15 600	10 850	10 250	7900	7450	6050	5750	4850	4600	3950	3750	3300	3150	2800	2650	2650	2650	2500	2350	15.49 50.8
1.5 m 5.0 ft	kg lb			*6950	*6950	10 050	9400	7400	6950	5750	5450	4650	4400	3850	3600	3200	3050	2750	2600	2600	2600	2450	2300	15.45 50.7
0 m 0 ft	kg lb	*2950	*2950	*5750	*5750	9450	8850	7000	6600	5500	5200	4450	4200	3700	3500	3150	2950	2700	2550	2550	2650	2500	2350	15.27 50.09
-1.5 m -5.0 ft	kg lb			*5850	*5850	9150	8550	6750	6350	5300	5000	4300	4100	3600	3400	3100	2900				2700	2550	2400	14.93 48.96
-3.0 m -10.0 ft	kg lb			*6350	*6350	9050	8450	6650	6200	5200	4900	4250	4000	3550	3350	3050	2900				2800	2650	2500	14.43 47.27
-4.5 m -15.0 ft	kg lb					9050	8450	6600	6200	5150	4850	4200	4000	3550	3350						3250	3050	2900	12.91 41.92



ISO 10567



\* 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


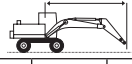
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft
																		
15.0 m 50.0 ft	kg lb	*20 150	*20 150													*19 250 *58,750	*19 250 *58,750	3.26 6.75
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	6.81 21.08
12.0 m 40.0 ft	kg lb					*11 250 *24,800	*11 250 *24,800	*10 100 *22,250	*10 100 *22,250							*8 200 *18,450	*8 200 *18,450	8.77 28.0
10.5 m 35.0 ft	kg lb					*10 700 *23,450	*10 700 *23,450	*9 600 *21,100	*9 600 *21,100	*8 750 *19,200	*8 750 *19,200					*7 150 *15,900	*7 150 *15,900	10.14 32.75
9.0 m 30.0 ft	kg lb					*10 600 *23,150	*10 600 *23,150	*9 550 *20,800	*9 550 *20,800	*8 600 *18,800	*8 600 *18,800	*7 800 *16,900	*7 800 *16,700			*6 550 *14,500	*6 550 *14,500	11.14 36.25
7.5 m 25.0 ft	kg lb					*11 000 *23,900	*11 000 *23,900	*9 750 *21,150	*9 750 *21,150	*8 700 *18,900	*8 700 *18,900	*7 750 *16,800	*7 750 *16,800			*6 150 *13,650	*6 150 *13,650	11.87 38.75
6.0 m 20.0 ft	kg lb					*11 800 *25,600	*11 800 *25,600	*10 150 *22,050	*10 150 *22,050	*8 900 *19,250	*8 900 *19,250	*7 800 *16,850	*7 800 *16,700	*6 600 *14,000	6 150 13,100	*5 950 *13,150	5 800 *12,750	12.37 40.42
4.5 m 15.0 ft	kg lb					*12 900 *27,950	*12 900 *27,950	*10 700 *23,200	*10 700 *23,200	*9 100 *19,750	*9 100 *19,750	*7 800 *16,900	7 650 16,400	*6 500 *13,900	6 100 13,050	*5 500 *12,150	*5 500 *12,150	12.67 41.5
3.0 m 10.0 ft	kg lb					*14 000 *30,300	*14 000 *30,300	*11 200 *24,250	*11 200 *24,250	*9 300 *20,100	*9 300 *20,100	*7 800 *16,800	7 500 16,050	*6 300 *13,350	6 000 12,900	*4 900 *10,850	*4 900 *10,850	12.79 41.92
1.5 m 5.0 ft	kg lb					*14 550 *31,500	*14 550 *31,500	*11 400 *24,650	*11 400 *24,650	*9 250 *19,950	*9 250 *19,950	*7 550 *16,200	7 350 15,750	*5 800 *12,200	*5 800 *12,200	*4 250 *9,350	*4 250 *9,350	12.73 41.75
0 m 0 ft	kg lb					*14 250 *30,800	*14 250 *30,800	*11 050 *23,900	*11 050 *23,900	*8 800 *19,000	*8 800 *19,000	*7 000 *14,900	*7 000 *14,900	*4 900 *9,900	*4 900 *9,900	*3 500 *7,650	*3 500 *7,650	12.49 40.92
-1.5 m -5.0 ft	kg lb			*9 950 *23,150	*9 950 *23,150	*12 900 *27,850	*12 900 *27,850	*10 050 *21,650	*10 050 *21,650	*7 900 *16,850	*7 900 *16,850	*5 900 *12,400	*5 900 *12,400			*3 200 *7,000	*3 200 *7,000	11.92 39.0
-3.0 m -10.0 ft	kg lb			*12 400 *28,400	*12 400 *28,400	*10 500 *22,500	*10 500 *22,500	*8 200 *17,550	*8 200 *17,550	*6 200 *13,100	*6 200 *13,100	*4 000 *11,000	*4 000 *11,000			*3 650 *8,100	*3 650 *8,100	10.67 34.75



ISO 10567



\* 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


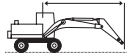


















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### 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				m ft
																				
15.0 m 50.0 ft	kg lb	*30 350	*30 350															*28 300	*28 300	1.9
13.5 m 45.0 ft	kg lb					*15 100 *33,750	*15 100 *33,750	12 250	11 550									10 900 *25,700	10 250 25,150	6.36 19.5
12.0 m 40.0 ft	kg lb							*11 400 *25,150	*11 400 *25,150	8750 18,500	8300 17,550							6800 15,600	6400 14,750	8.48 27.0
10.5 m 35.0 ft	kg lb							*10 750 *23,600	*10 750 *23,600	9050 19,300	8550 18,300	6450 13,650	6100 12,950					5200 11,700	4900 11,050	9.93 32.08
9.0 m 30.0 ft	kg lb							*10 600 *23,150	*10 600 *23,150	9100 19,450	8600 18,450	6500 14,000	6200 13,250	4850 10,200	4550 9,650			4350 9,650	4100 9,100	10.99 35.75
7.5 m 25.0 ft	kg lb							*10 900 *23,700	*10 900 *23,700	8950 19,250	8500 18,250	6500 13,950	6150 13,200	4900 10,400	4600 9,850			3800 8,450	3600 7,950	11.76 38.33
6.0 m 20.0 ft	kg lb							*11 650 *25,250	*11 650 *25,250	8700 18,750	8250 17,750	6350 13,650	6050 12,900	4800 10,300	4550 9,750	3700 7,800	3500 7,350	3500 7,700	3300 7,250	12.3 40.17
4.5 m 15.0 ft	kg lb							12 150 26,100	11 450 24,650	8350 17,950	7900 17,000	6150 12,450	5800 10,050	4700 9,500	4450 9,500	3650 7,800	3450 7,350	3300 7,250	3100 6,800	12.63 41.33
3.0 m 10.0 ft	kg lb							11 350 24,350	10 650 22,950	7900 17,000	7450 16,050	5900 12,650	5550 11,950	4550 9,750	4300 9,200	3600 7,700	3400 7,250	3200 7,050	3000 6,600	12.78 41.92
1.5 m 5.0 ft	kg lb							10 550 22,650	9900 21,300	7500 16,100	7050 15,150	5650 12,100	5300 11,400	4400 9,450	4150 8,900	3500 7,550	3300 7,100	3200 7,050	3000 6,600	12.75 41.83
0 m 0 ft	kg lb							9950 21,350	9300 20,000	7100 15,300	6700 14,400	5400 11,650	5100 10,950	4300 9,200	4050 8,650	3500 7,500	3300 7,050	3300 7,250	3100 6,800	12.54 41.08
-1.5 m -5.0 ft	kg lb					*9650 *22,550	*9650 *22,550	9600 20,600	8950 19,250	6900 14,800	6450 13,900	5300 11,350	4950 10,650	4200 9,050	3950 8,500	*3400	3300	*3150 *6,900	*3150 *6,900	12.07 39.5
-3.0 m -10.0 ft	kg lb			*5900 *13,400	*5900 *13,400	*11 900 *27,450	*11 900 *27,450	9450 20,300	8850 19,000	6800 14,650	6400 13,700	5250 11,250	4900 10,600	4250 *8,900	4000 8,550			*3550 *7,850	*3550 *7,850	10.96 35.75
-4.5 m -15.0 ft	kg lb							*7700 *16,250	*7700 *16,250	*5950 *12,500	*5950 *12,500							*5050 *11,600	*5050 *11,600	8.28 26.08



ISO 10567



\* 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


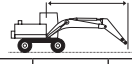
















 Load over front

 Load over side

 Load at maximum reach (stick nose/bucket pin)

### Undercarriage MH

### Stick 5.7 m (18'8") Barge Boom

		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



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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, air pneumatic tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height

 Load over front

 Load over side


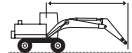
















 Load at maximum reach (stick nose/bucket pin)

### Undercarriage

MH

### Stick

5.7 m (18'8") Barge Boom

		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					*6800 *13,550	*6800 *13,550									*5850 *13,150	*5850 *13,150	8120 25'4"
13.5 m 45.0 ft	kg lb					*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	kg lb					*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	kg lb					*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	kg lb			*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	kg lb	*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	kg lb	*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	*4950 *10,900	14 410 47'2"
4.5 m 15.0 ft	kg lb			*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	4750 10,450	14 670 48'1"
3.0 m 10.0 ft	kg lb			*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	4600 10,150	14 780 48'5"
1.5 m 5.0 ft	kg lb			*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	4600 10,100	14 730 48'3"
0 m 0 ft	kg lb	*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	4650 10,200	14 520 47'7"
-1.5 m -5.0 ft	kg lb	*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	kg lb			*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 *9,600	*4450	*4400 *9,600	*4400 *9,600	13 600 44'6"
-4.5 m -15.0 ft	kg lb					*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



\* 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

### Stick

7.1 m (23'3") Barge Boom

		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		
16.5 m 55.0 ft	kg lb																					*5000	*5000	7140
15.0 m 50.0 ft	kg lb									*5050	*5050											*4400	*4400	9570
13.5 m 45.0 ft	kg lb									*6400	6250	*5100	4750									*4150	*4150	11 290
12.0 m 40.0 ft	kg lb									*13,500	13,350	*10,300	10,100									*9,850	*9,850	30'3"
10.5 m 35.0 ft	kg lb									*6700	6250	6150	4800	*4800	3750							*4000	3400	12 600
9.0 m 30.0 ft	kg lb									*14,650	13,450	13,100	10,250	*9,600	7,900							*8,800	7,600	40'9"
7.5 m 25.0 ft	kg lb							*8250	7750	*7300	5800	4500	4650	3550	3750	2850					3800	2900	13 610	
6.0 m 20.0 ft	kg lb					*10 650	10 200	*8950	7250	7100	5450	5550	4250	4450	3400	3650	2750	3050	2250		3400	2550	14 400	
4.5 m 15.0 ft	kg lb			*23,000	22,000	*19,300	15,600	15,250	11,750	11,950	9,150	9,600	9,950	7,600	8,050	6,050					3100	2300	15 000	
3.0 m 10.0 ft	kg lb			*48,150	*48,150	*34,200	30,150	*25,750	19,800	18,900	14,350	14,400	10,900	11,400	8,600	9,200	6,900	7,600	5,600	6,300	4,600	2,900	2,100	15 420
1.5 m 5.0 ft	kg lb			*15 900	13 900	*11 900	9150	8750	6650	6700	5050	5300	4000	4300	3200	3550	2650	2950	2150	2750	1950	15 690		
0 m 0 ft	kg lb			*10 050	*10 050	23,950	17,500	17,500	13,000	13,500	10,050	10,800	8,050	8,800	6,500	7,300	5,350	6,150	4,400	2050	2650	1900	15 810	
-1.5 m -5.0 ft	kg lb			*5500	*5500	10 100	7200	7500	5450	5900	4300	4750	3500	3950	2850	3300	2400	2800	2000	2550	1800	15 790		
-3.0 m -10.0 ft	kg lb			*12,750	*12,750	21,850	15,600	16,200	11,800	12,650	9,300	10,250	7,500	8,450	6,150	7,050	5,100	6,000	4,250	5,650	4,000	2,550	1,800	15 920
-4.5 m -15.0 ft	kg lb			*2800	*2800	*5000	9500	6650	7050	5050	5550	4000	4550	3250	3750	2700	3200	2300	2700	1950	2550	1800	15 620	
-6.0 m -20.0 ft	kg lb			*3700	*3700	*5250	*5250	*8400	6300	6800	4750	5350	3800	4350	3100	3650	2600	3100	2200	2650	1900	2600	1800	15 300
				*8,200	*8,200	*11,800	*11,800	*19,150	13,600	14,600	10,250	11,500	8,150	9,400	6,700	7,850	5,550	6,650	4,700	5,750	4,000	5,700	4,000	50'2"
						*5750	*5750	*8250	6200	6600	4600	5200	3650	4250	3000	3550	2500	3050	2150		2700	1900	14 830	
						*12,800	*12,800	*18,650	13,300	14,250	9,950	11,200	7,900	9,150	6,450	7,650	5,400	6,550	4,600		5,900	4,150	48'6"	
						*6250	*6250	*8450	6200	6550	4550	5150	3600	4200	2950	3550	2500	3050	2150		2850	2000	14 170	
						*13,900	*13,900	*19,100	13,300	14,150	9,850	11,050	7,750	9,050	6,350	7,600	5,350	6,550	4,600		6,300	4,400	46'4"	
						*8900	6300	6600	4600	5150	3600	4200	2950	3550	2500					3150	2200	13 320		
						*19,350	13,500	14,250	9,950	11,100	7,800	9,050	6,400	7,650	5,400					6,900	4,850	43'5"		



ISO 10567



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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, 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

### Stick 7.1 m (23'3") Barge Boom

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



ISO 10567



\* 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		Barge (9.90 m)		MH (9.30 m)	
Stick Length		5.70 m (18'8")	7.10 m (23'4")	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	X	X	●	●	●	●
	GSH440-1150	●	●	●	○	●	●
	GSH440-1550	○	○	○	X	○	○
	GSH525-750	●	●	●	●	●	●
	GSH525-950	●	●	●	●	●	●
	GSH525-1150	●	●	●	○	●	●
	GSV425-600	●	●	●	●	●	●
	GSV425-750	●	●	●	●	●	●
	GSV425-950	●	●	●	●	●	●
	GSV425-1150	●	●	●	●	●	●
	GSV425-1550	◇	◇	◇	◇	◇	◇
	GSV525-600	●	●	●	●	●	●
	GSV525-750	●	●	●	●	●	●
	GSV525-950	●	●	●	●	●	●
	GSV525-1150	●	●	●	●	●	●
	GSV525-1550	X	X	◇	◇	◇	◇
	Clamshell Grapples	CTV15-1000	●	●	●	●	●
CTV15-1200		●	●	●	●	●	●
CTV15-1500		●	●	●	○	●	●
CTV15-1700		●	○	○	○	●	○
CTV15-1900		○	○	○	○	○	○
CTV15-2300		○	◆	◆	◆	○	◆
CTV20-1300		●	●	●	○	●	●
CTV20-1500		●	○	○	○	●	○
CTV20-1700		○	○	○	○	○	○
CTV20-1900		○	○	○	◆	○	○
CTV20-2300		◆	◆	◆	X	◆	◆
CTV20-2700		◆	X	X	X	◆	X

#### 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 – Europe (continued)

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

### PIN-ON ATTACHMENTS (continued)

Counterweight		7700 kg (16,975 lb)					
Undercarriage		MH (solid tire)					
Boom Type		MH		Barge (9.90 m)		MH (9.30 m)	
Stick Length		5.70 m (18'8")	7.10 m (23'4")	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	X	X	●	●	●	●
	GSH440-1150	●	●	●	●	●	●
	GSH440-1550	○	○	○	○	○	○
	GSH525-750	●	●	●	●	●	●
	GSH525-950	●	●	●	●	●	●
	GSH525-1150	●	●	●	●	●	●
	GSV425-600	●	●	●	●	●	●
	GSV425-750	●	●	●	●	●	●
	GSV425-950	●	●	●	●	●	●
	GSV425-1150	●	●	●	●	●	●
	GSV425-1550	◇	◇	◇	◇	◇	◇
	GSV525-600	●	●	●	●	●	●
	GSV525-750	●	●	●	●	●	●
	GSV525-950	●	●	●	●	●	●
	GSV525-1150	●	●	●	●	●	●
	GSV525-1550	X	X	◇	◇	◇	◇
Clamshell Grapples	CTV15-1000	●	●	●	●	●	●
	CTV15-1200	●	●	●	●	●	●
	CTV15-1500	●	●	●	●	●	●
	CTV15-1700	●	○	○	○	●	○
	CTV15-1900	○	○	○	○	○	○
	CTV15-2300	○	◆	○	◆	○	◆
	CTV20-1300	●	●	●	●	●	●
	CTV20-1500	●	○	●	○	●	○
	CTV20-1700	○	○	○	○	○	○
	CTV20-1900	○	○	○	◆	○	○
	CTV20-2300	◆	◆	◆	◆	◆	◆
	CTV20-2700	◆	X	X	X	◆	X

#### 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



# MH3040 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

Counterweight		7700 kg (16,975 lb)						
Undercarriage		MH						
Boom Type		MH		LL	Barge 9.9 m (32'6")		MH (9.30 m)	
Stick Length		5.70 m (18'8")	7.10 m (23'4")	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	X	X	●	●	●	●
	GSH440-1150	●	●	X	●	○	●	●
	GSH440-1550	○	○	X	○	X	○	○
	GSH525-750	●	●	X	●	●	●	●
	GSH525-950	●	●	X	●	●	●	●
	GSH525-1150	●	●	X	●	○	●	●
Clamshell Grapples	CTV20-1500	○	○	X	○	○	○	○
	CTV20-2300	◆	X	X	◆	X	◆	X
	CTV15-1900	○	○	X	○	◆	○	○
Forestry Grapples	GLL55	A (3450/ 7,606)	A (3000/ 6,614)	A (2500/ 5,512)	A (3200/ 7,055)	A (2800/ 6,173)	A (3450/ 7,606)	A (3000/ 6,614)
	GLL60	0 (3360/ 7,408)	0 (2910/ 6,415)	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 Material Handler Specifications

## Work Tool Offering Guide – North America (continued)

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

### PIN-ON ATTACHMENTS (continued)

Counterweight		7700 kg (16,975 lb)						
Undercarriage		MH (solid tire)						
Boom Type		MH		LL	Barge 9.9 m (32'6")		MH (9.30 m)	
Stick Length		5.70 m (18'8")	7.10 m (23'4")	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	X	X	●	●	●	●
	GSH440-1150	●	●	X	●	●	●	●
	GSH440-1550	○	○	X	○	○	○	○
	GSH525-750	●	●	X	●	●	●	●
	GSH525-950	●	●	X	●	●	●	●
	GSH525-1150	●	●	X	●	●	●	●
Clamshell Grapples	CTV20-1500	●	○	X	○	○	●	○
	CTV20-2300	◆	X	X	◆	X	◆	X
	CTV15-1900	○	○	X	○	○	○	○
Forestry Grapples	GLL55	A (3600/ 7,937)	A (3100/ 6,834)	A (2500/ 5,512)	A (3350/ 7,385)	A (2950/ 6,504)	A (3600/ 7,937)	A (3100/ 6,834)
	GLL60	0 (3510/ 7,738)	0 (3010/ 6,636)	0 (2410/ 5,313)	0 (3260/ 7,187)	0 (2860/ 6,305)	0 (3510/ 7,738)	0 (3010/ 6,636)

#### 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

## 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

# 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>CAB</b>			<b>CAT TECHNOLOGY</b>		
Advanced sound suppressed TOPS cab (ISO 12117-2 compliant) with rubber mount	✓		Cat Product Link™	✓	
High-resolution 254 mm (10") LCD touch screen monitor	✓		Remote Flash and Troubleshoot	✓	
Automatic bi-level air conditioner	✓		<b>ENGINE</b>		
Jog dial and shortcut keys for monitor control	✓		Cat C7.1 engine meets U.S. EPA Tier 4 Final and EU Stage V emission standards	✓	
Keyless push-to-start engine control	✓		Three selectable modes: Power, Smart, Eco	✓	
Tilt-up left-side console	✓		4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
Air suspension premium seat with headrest, heater, ventilator	✓		43° C (109° F) high-ambient cooling capacity with derate	✓	
Height-adjustable console, infinite with no tool	✓		-18° C (0° F) cold start capability	✓	
51 mm (2") orange seat belt	✓		-32° C (-26° F) cold start capability <sup>(2)</sup>	✓	
Bluetooth® integrated radio (including USB, aux port and microphone)	✓		Cold start, block heater (120V) <sup>(3)</sup>		✓
2 × 12V DC outlets	✓		Cold start, ether start <sup>(2)</sup>	✓	
Auxiliary relay <sup>(1)</sup>		✓	Sealed double element air filter with integrated precleaner	✓	
Document storage	✓		2 × 115 amp dual alternator	✓	
Rear storage with net	✓		Electric fuel priming pump	✓	
Overhead storage with net	✓		Reversible electric cooling fans	✓	
Cup holder	✓		Two-stage fuel filtration system with water separator and indicator	✓	
Fixed one piece windshield (P5A glass)		✓	<b>HYDRAULIC SYSTEM</b>		
70/30 high impact resistance windshield (P8B glass)		✓	Electric main control valve	✓	
Parallel wiper with washer	✓		Boom and stick regeneration circuits	✓	
Fixed glass hatch	✓		Automatic hydraulic oil warm up	✓	
Dome and lower LED interior lights	✓		Boom and stick lowering control check valves <sup>(4)</sup>	✓	
Floor welcome light	✓		Tandem type electronic main pump	✓	
Roller front sunscreen	✓		Element type main hydraulic filter	✓	
Roller rear sunscreen	✓		Fine swing control function <sup>(2)</sup>	✓	
Rear window emergency exit	✓		Heavy lift mode	✓	
Washable floor mat	✓				
Beacon ready	✓				

<sup>(1)</sup>Only available with Deluxe and Premium cabs.

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

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

<sup>(4)</sup>MH Boom only.

(continued on next page)

# 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>UNDERCARRIAGE AND STRUCTURES</b>			<b>SERVICE AND MAINTENANCE</b>		
7700 kg (16,975 lb) counterweight	✓		Side entry to service platform	✓	
16.00-25 single solid rubber tires		✓	Grouped location for engine oil and fuel filters	✓	
23.5-R25 XHA2 (Michelin) single pneumatic tires		✓	Second dipstick for engine oil	✓	
All wheel drive	✓		Scheduled Oil Sampling (S·O·S <sup>SM</sup> ) ports	✓	
Automatic brake/axle lock	✓		<b>SAFETY AND SECURITY</b>		
Creep speed	✓		One key security system	✓	
Electronic swing and travel lock	✓		Door and cap locks	✓	
Heavy-duty axles, advanced disc brake system and travel motor with adjustable braking force	✓		Travel/swing lock	✓	
Lockable, oscillating front axle with remote greasing point	✓		Signaling/warning horn	✓	
Two speed hydrostatic transmission	✓		Travel alarm	✓	
Tie down points on base frame (ISO 15818 compliant)	✓		Bolt-on FOGS		✓
Hitch towing		✓	Right-hand handrail and hand hold (ISO 2867 compliant)	✓	
<b>BOOMS, STICKS AND LINKAGES</b>			Rear and right-hand-sideview cameras	✓	
9.3 m (30'6") Material Handler boom		✓	Service platform with anti-skid plate and countersunk bolts	✓	
6.8 m (22'4") Log Loader boom <sup>(3)</sup>		✓	Hydraulic lock out lever neutralizes all controls	✓	
9.9 m (32'6") Barge Boom		✓	Ground level accessible secondary engine shutoff switch on undercarriage tool box	✓	
7.1 m (23'3") Industrial stick		✓			
5.7 m (18'8") Industrial stick		✓			
4.1 m (13'3") Over/Under Log Loader stick <sup>(3)</sup>		✓			
<b>ELECTRICAL SYSTEM</b>					
Generator, 20 kW with wiring to stick nose		✓			
Maintenance free battery	✓				
LED chassis light, left-hand/right-hand boom lights, cab lights – 1,800 lumens	✓				
Centralized electrical disconnect switch	✓				
Programmable time delay LED working lights after engine shutdown: One chassis mounted, one right-hand boom mounted	✓				
Rotating beacon		✓			

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

# MH3040 Environmental Declaration

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

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

## Engine

- The Cat® 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).*

## 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) – 103 dB(A)

- Operator Sound – The operator sound level is measured according to the procedures specified in ISO 6396:2008, for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed.
- Exterior Sound – The labeled exterior sound power level is measured according to the test procedures specified in ISO 6395:2008.
- The machine sound power level meets the criteria that are specified in the applicable regional regulations, e.g. 2000/14/EC as amended by 2005/88/EC.
- 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
  - New 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 (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 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%

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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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