



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 ⁽¹⁾	
Engine Power		
ISO 14396:2002	152 kW	204 hp
ISO 14396 (DIN)	207 mhp	
Net Power ⁽²⁾		
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 ³
Number of Cylinders	6	
Biodiesel Capability	Up to B20 ⁽³⁾	

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

⁽²⁾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).
- ⁽³⁾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 ⁽¹⁾		
Minimum	37 000 kg	81,500 lb
Maximum	39 000 kg	86,000 lb

Typical Configurations

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

⁽¹⁾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.

⁽²⁾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.

⁽³⁾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.

⁽⁴⁾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.

⁽⁵⁾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 ²	<8.2 ft/s ²
Maximum Whole Body		
ISO/TR 25398:2006	<0.5 m/s ²	<1.6 ft/s ²
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 CO₂ equivalent of 1.716 metric tonnes.

MH3040 Material Handler Specifications

Major Component Weights

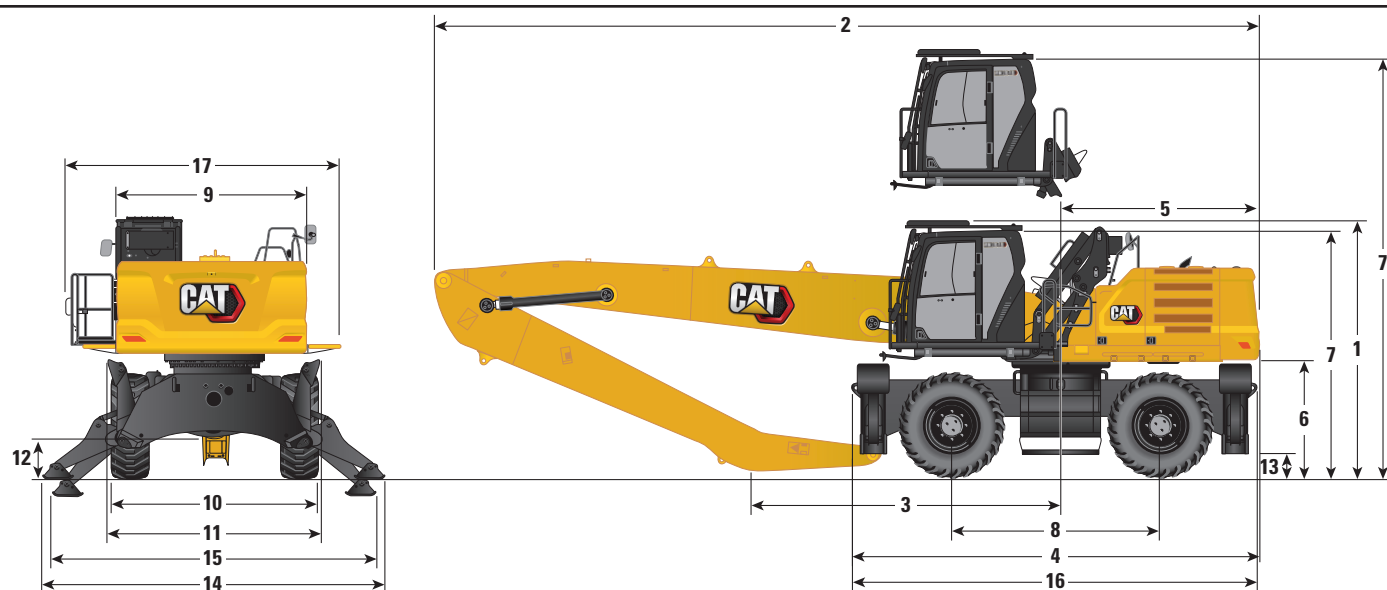
	kg	lb
Weights: Boom (including boom and stick cylinders, pins and standard hydraulic lines)		
MH Boom 9.3 m (30'6")	4005	8,830
MH Boom 10.4 m (34'9")	4350	9,600
LL Boom 6.8 m (22'4")*	4090	9,020
Barge Boom 9.9 m (32'6")	4450	9,800
Sticks (including pins and standard hydraulic lines):		
Industrial Stick 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 ³ /1.0 yd ³)	1674	3,690
GSH425-950-S (0.95 m ³ /1.25 yd ³)	1712	3,770
GSH425-1150-S (1.15 m ³ /1.5 yd ³)	1767	3,900
GSH440-950-S (0.95 m ³ /1.25 yd ³)	2183	4,810
GSH440-1150-S (1.15 m ³ /1.5 yd ³)	2215	4,880
GSH525-750-S (0.75 m ³ /1.0 yd ³)	1976	4,360
GSH525-750-C (0.75 m ³ /1.0 yd ³)	2168	4,780
GSH525-950-S (0.95 m ³ /1.25 yd ³)	2024	4,460
GSH525-950-C (0.95 m ³ /1.25 yd ³)	2246	4,950
GSH525-1150-S (1.15 m ³ /1.5 yd ³)	2092	4,610
GSH525-1150-C (1.15 m ³ /1.5 yd ³)	2334	5,150
GLL55B	1291	2,850
GLL60B	1344	2,960

*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")				MH Boom 10.4 m (34'9")	
Stick Options	Industrial 5.7 m (18'8")		Industrial 7.1 m (23'3")		Industrial 7.5 m (24'9")	
1 Shipping Height with Operator Protective Guards (highest point between boom and cab)	3805 mm	12'6"	3805 mm	12'6"	3805 mm	12'6"
2 Shipping Length	12 800 mm	42'0"	12 800 mm	42'0"	13 870 mm	45'6"
3 Support Point	5890 mm	19'4"	4620 mm	15'2"	5500 mm	18'0"
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	6225 mm	20'5"	6225 mm	20'5"	6425 mm	21'1"
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").

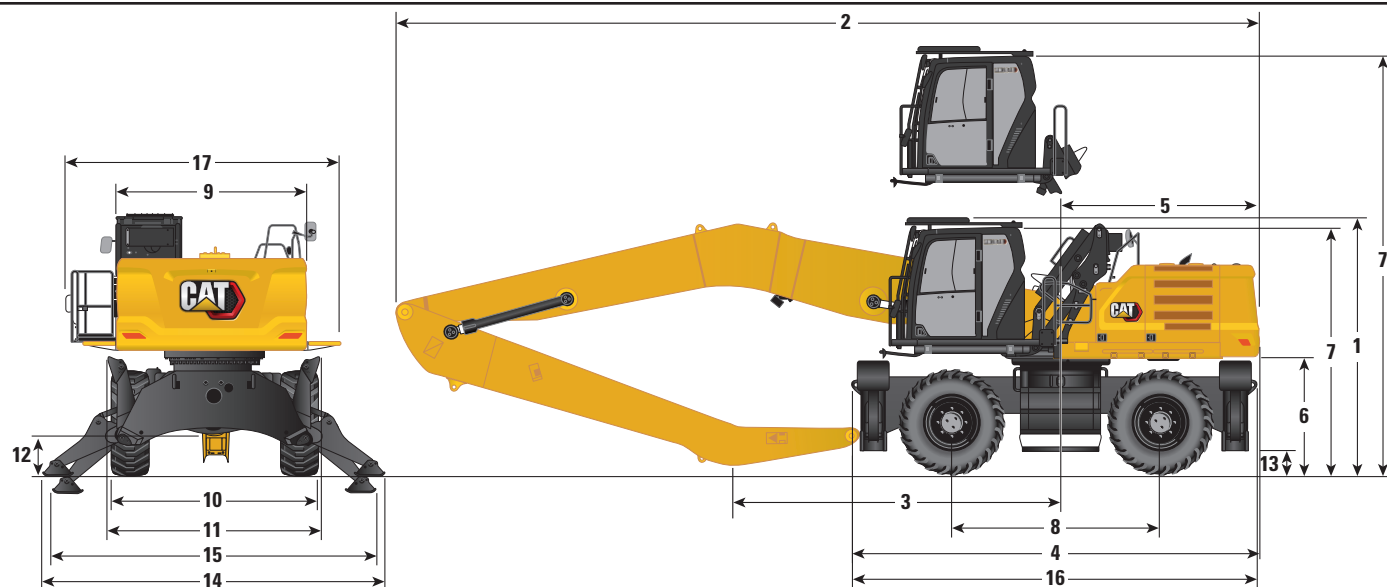
**North America only.

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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"

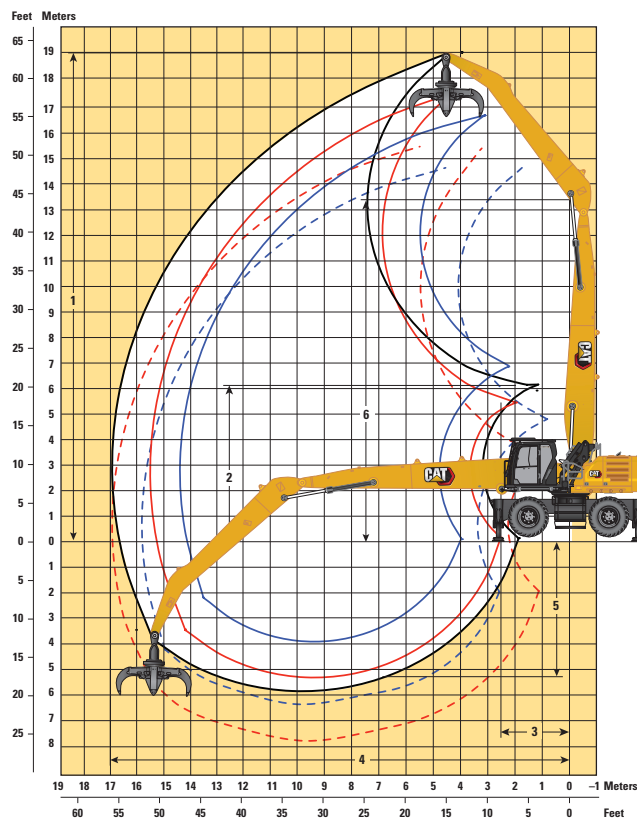
*With solid tires. For pneumatic tires add 180 mm (0'7").

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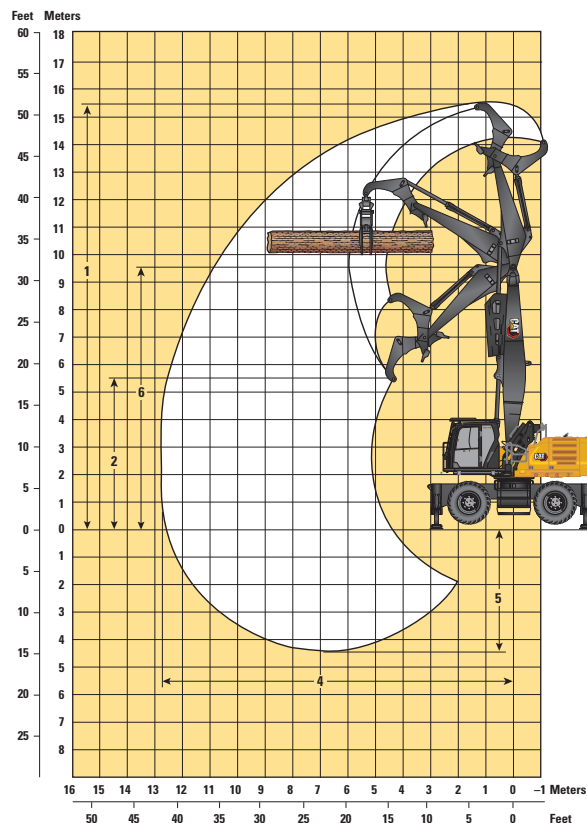
MH3040 Material Handler Specifications

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 m³/1.5 yd³
- MH-Boom, 5.7 m (18'8") Stick, On Stabilizer
- - - MH-Boom, 5.7 m (18'8") Stick, On Stabilizer, with GSH425 – 1.15 m³/1.5 yd³



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")*	
Stick Options	Industrial Stick				Industrial Stick		Over/Under Stick	
	5.7 m (18'8")		7.1 m (23'3")		7.5 m (24'9")		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.

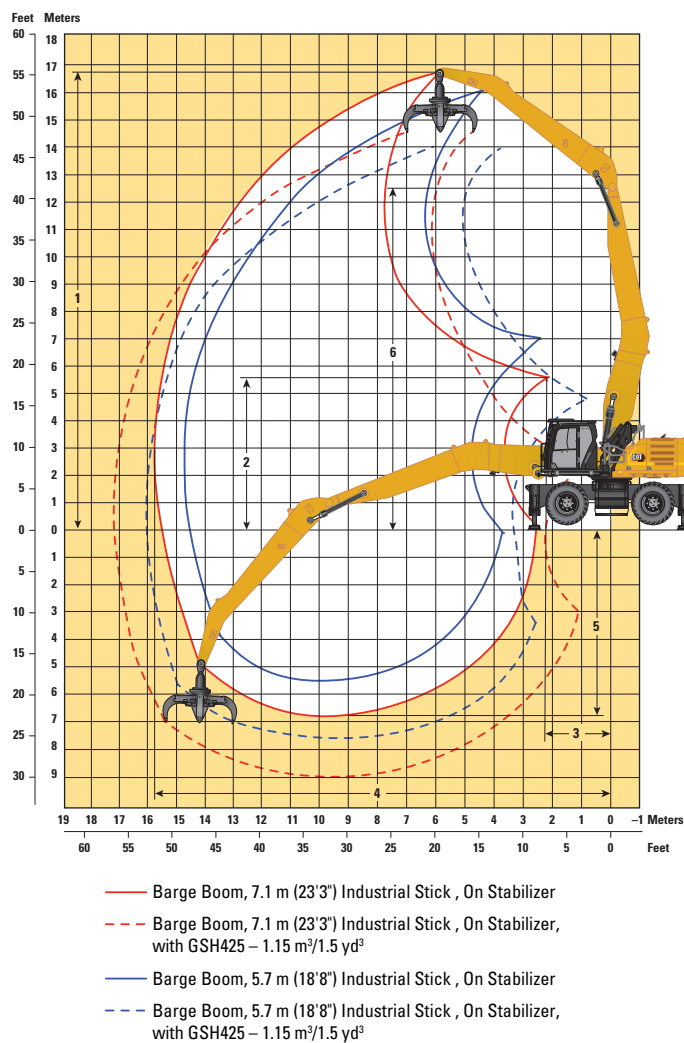
*North America only.

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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")			
Stick Options	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

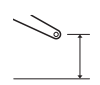
Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

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 *14,900	*6600 *14,900	7390 22'10"
13.5 m 45.0 ft	kg lb			*9900 *21,350	*9900 *21,350	*8750 *18,400	*8750 *18,400	*6800 *13,500	*6800 *13,500							*5850 *13,050	*5850 *13,050	9480 30'2"
12.0 m 40.0 ft	kg lb			*10 850 *23,500	*10 850 *23,500	*9500 *20,700	*9500 *20,700	*8450 *18,450	*8450 *18,450	*6550 *12,950	*6550 *12,950					*5500 *12,200	*5500 *12,200	10 970 35'5"
10.5 m 35.0 ft	kg lb			*11 050 *24,000	*11 050 *24,000	*9550 *20,800	*9550 *20,800	*8500 *18,450	*8500 *18,450	*7650 *16,650	*7650 *16,650	*5600	*5600			*5300 *11,750	*5300 *11,750	12 090 39'3"
9.0 m 30.0 ft	kg lb			*11 500 *24,950	*11 500 *24,950	*9850 *21,350	*9850 *21,350	*8650 *18,750	*8650 *18,750	*7700 *16,750	*7700 *16,750	*6950 *15,050	6900 14,750			*5250 *11,550	*5250 *11,550	12 940 42'2"
7.5 m 25.0 ft	kg lb	*15 500 *33,350	*15 500 *33,350	*12 300 *26,600	*12 300 *26,600	*10 300 *22,300	*10 300 *22,300	*8900 *19,250	*8900 *19,250	*7800 *16,950	*7800 *16,950	*6950 *15,100	6800 14,650	*5500	*5500	*5250 *11,550	*5250 *11,550	13 580 44'4"
6.0 m 20.0 ft	kg lb	*17 500 *37,650	*17 500 *37,650	*13 300 *28,750	*13 300 *28,750	*10 850 *23,400	*10 850 *23,400	*9150 *19,850	*9150 *19,850	*7950 *17,250	*7950 *17,250	*7000 *15,150	6700 14,400	*6150 *13,250	5600 11,950	*5300 *11,700	5250 11,600	14 080 45'10"
4.5 m 15.0 ft	kg lb	*13 250 *36,200	*13 250 *36,200	*14 250 *30,750	*14 250 *30,750	*11 300 *24,450	*11 300 *24,450	*9400 *20,400	*9400 *20,400	*8050 *17,450	8000 17,250	*7000 *15,150	6550 14,150	*6100 *13,100	5500 11,850	*5450 *12,000	5050 11,150	14 290 46'9"
3.0 m 10.0 ft	kg lb			*14 650 *31,700	*14 650 *31,700	*11 550 *25,000	*11 550 *25,000	*9500 *20,600	*9500 *20,600	*8050 *17,450	7800 16,800	*6950 *14,950	6450 13,850	*5950 *12,750	5450 11,700	*5300 *11,650	4950 10,900	14 390 47'2"
1.5 m 5.0 ft	kg lb			*10 350 *24,500	*10 350 *24,500	*11 400 *24,700	*11 400 *24,700	*9400 *20,350	*9400 *20,350	*7900 *17,100	7650 16,450	*6750 *14,500	6350 13,600	*5650 *12,100	5350 11,550	*5000 *10,950	4950 10,850	14 340 47'0"
0 m 0 ft	kg lb	*4400 *9,950	*4400 *9,950	*9000 *20,750	*9000 *20,750	*10 750 *23,350	*10 750 *23,350	*8950 *19,400	*8950 *19,400	*7550 *16,250	7500 16,150	*6350 *13,600	6250 13,450	*5200 *11,000	*5200 *11,000	*4650 *10,150	*4650 *10,150	14 130 46'4"
-1.5 m -5.0 ft	kg lb			*9150 *20,900	*9150 *20,900	*9700 *21,050	*9700 *21,050	*8200 *17,700	*8200 *17,700	*6900 *14,800	*6900 *14,800	*5700 *12,200	*5700 *12,200	*4450 *9,200	*4450 *9,200	*4200 *9,200	*4200 *9,200	13750 45'0"
-3.0 m -10.0 ft	kg lb					*8200 *17,750	*8200 *17,750	*7050 *15,150	*7050 *15,150	*5900 *12,600	*5900 *12,600	*4750 *9,950	*4750 *9,950			*4350 *9,650	*4350 *9,650	12 470 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 $\pm 5\%$ for all available track shoes.

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

MH3040 Material Handler Specifications

Lift Capacities

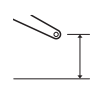
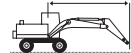
Work tool: none, hydraulic cab riser, solid tires, stabilizers raised, with counterweight 7700 kg (16,980 lb), heavy lift on.

 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 12,450							*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 12,500	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	*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



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

 Load point height

 Load over front

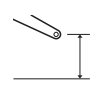
 Load over side

 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 *17,800	*8550 *17,800											*6600 *14,900	*6600 *14,900	7390 22'10"
13.5 m 45.0 ft	kg lb			*9900 *21,350	*9900 *21,350	*8750 *18,400	*8750 *18,400	*6800 *13,500	*6800 *13,500							*5850 *13,050	*5850 *13,050	9480 30'2"
12.0 m 40.0 ft	kg lb			*10 850 *23,500	*10 850 *23,500	*9500 *20,700	*9500 *20,700	*8450 *18,450	*8450 *18,450	*6550 *12,950	*6550 *12,950					*5500 *12,200	*5500 *12,200	10 970 35'5"
10.5 m 35.0 ft	kg lb			*11 050 *24,000	*11 050 *24,000	*9550 *20,800	*9550 *20,800	*8500 *18,450	*8500 *18,450	*7650 *16,650	*7650 *16,650	*5600	*5600			*5300 *11,750	*5300 *11,750	12 090 39'3"
9.0 m 30.0 ft	kg lb			*11 500 *24,950	*11 500 *24,950	*9850 *21,350	*9850 *21,350	*8650 *18,750	*8650 *18,750	*7700 *16,750	*7700 *16,750	*6950 *15,050	6700 14,350			*5250 *11,550	*5250 *11,550	12 940 42'2"
7.5 m 25.0 ft	kg lb	*15 500 *33,350	*15 500 *33,350	*12 300 *26,600	*12 300 *26,600	*10 300 *22,300	*10 300 *22,300	*8900 *19,250	*8900 *19,250	*7800 *16,950	*7800 *16,950	*6950 *15,100	6650 14,250	*5500	5450	*5250 *11,550	*5250 *11,550	13 580 44'4"
6.0 m 20.0 ft	kg lb	*17 500 *37,650	*17 500 *37,650	*13 300 *28,750	*13 300 *28,750	*10 850 *23,400	*10 850 *23,400	*9150 *19,850	*9150 *19,850	*7950 *17,250	*7950 *17,250	*7000 *15,150	6500 14,000	*6150 *13,250	5400 11,650	*5300 *11,700	5100 11,250	14 080 45'10"
4.5 m 15.0 ft	kg lb	*13 250 *36,200	*13 250 *36,200	*14 250 *30,750	*14 250 *30,750	*11 300 *24,450	*11 300 *24,450	*9400 *20,400	*9400 *20,400	*8050 *17,450	*8050 *17,450	*7000 *15,150	6400 13,750	*6100 *13,100	5350 11,500	*5450 *12,000	4900 10,800	14 290 46'9"
3.0 m 10.0 ft	kg lb			*14 650 *31,700	*14 650 *31,700	*11 550 *25,000	*11 550 *25,000	*9500 *20,600	*9500 *20,600	*8050 *17,450	*8050 *17,450	*6950 *14,950	6250 13,450	*5950 *12,750	5300 11,350	*5300 *11,650	4800 10,550	14 390 47'2"
1.5 m 5.0 ft	kg lb			*10 350 *24,500	*10 350 *24,500	*11 400 *24,700	*11 400 *24,700	*9400 *20,350	*9400 *20,350	*7900 *17,100	*7900 *17,100	*6750 *14,500	6150 13,250	*5650 *12,100	5200 11,200	*5000 *10,950	4800 10,550	14 340 47'0"
0 m 0 ft	kg lb	*4400 *9,950	*4400 *9,950	*9000 *20,750	*9000 *20,750	*10 750 *23,350	*10 750 *23,350	*8950 *19,400	*8950 *19,400	*7550 *16,250	*7550 *16,250	*6350 *13,600	6050 13,050	*5200 *11,000	5150 *11,000	*4650 *10,150	*4650 *10,150	14 130 46'4"
-1.5 m -5.0 ft	kg lb			*9150 *20,900	*9150 *20,900	*9700 *21,050	*9700 *21,050	*8200 *17,700	*8200 *17,700	*6900 *14,800	*6900 *14,800	*5700 *12,200	*5700 *12,200	*4450 *9,200	*4450 *9,200	*4200 *9,200	*4200 *9,200	13750 45'0"
-3.0 m -10.0 ft	kg lb					*8200 *17,750	*8200 *17,750	*7050 *15,150	*7050 *15,150	*5900 *12,600	*5900 *12,600	*4750 *9,950	*4750 *9,950			*4350 *9,650	*4350 *9,650	12 470 40'7"



ISO 10567:2007



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Lift capacity stays with $\pm 5\%$ 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

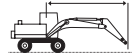
 Load over side

 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	4950	5450	3900	4450	3200	3750	2700			3450 7,650	2500 5,550	12 830 41'10"



ISO 10567:2007



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MH3040 Material Handler Specifications

Lift Capacities

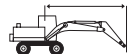
Work tool: none, hydraulic cab riser, solid tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

Boom 9.3 m (30'6") 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					
																						mm ft/in	
16.5 m 55.0 ft	kg lb					*6500 *13,350	*6500 *13,350														*5550 *12,650	*5550 *12,650	6930 20'10"
15.0 m 50.0 ft	kg lb							*6700 *14,050	*6700 *14,050	*5300 *11,660	*5300 *11,660										*4800 *10,750	*4800 *10,750	9370 29'7"
13.5 m 45.0 ft	kg lb							*7650 *16,400	*7650 *16,400	*6700 *14,100	*6700 *14,100	*5250 *10,550	*5250 *10,550								*4450 *9,850	*4450 *9,850	11 090 35'7"
12.0 m 40.0 ft	kg lb							*8350 *18,100	*8350 *18,100	*7650 *16,400	*7650 *16,400	*6550 *13,800	*6550 *13,800	*4850 *9,550	*4850 *9,550						*4250 *9,350	*4250 *9,350	12 390 40'1"
10.5 m 35.0 ft	kg lb							*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	13 390 43'7"
9.0 m 30.0 ft	kg lb							*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	14 160 46'2"
7.5 m 25.0 ft	kg lb					*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	14 740 48'2"
6.0 m 20.0 ft	kg lb			*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	15 150 49'7"
4.5 m 15.0 ft	kg lb			*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	15 390 50'5"
3.0 m 10.0 ft	kg lb			*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	15 490 50'9"
1.5 m 5.0 ft	kg lb			*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	15 440 50'7"
0 m 0 ft	kg lb	*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	15 250 50'0"
-1.5 m -5.0 ft	kg lb			*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	14 900 48'10"
-3.0 m -10.0 ft	kg lb			*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	14 380 47'1"
-4.5 m -15.0 ft	kg lb							*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	12 660 41'0"



ISO 10567:2007



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Lift capacity stays with $\pm 5\%$ 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 9.3 m (30'6") 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					
																						mm ft/in	
16.5 m 55.0 ft	kg lb					*6150	*6150														*5750 *13,250	*5750 *13,250	6380 18'9"
15.0 m 50.0 ft	kg lb							*6450 *13,450	*6450 *13,450	*4900	*4900										*4900 *10,950	*4900 *10,950	9020 28'5"
13.5 m 45.0 ft	kg lb							*7500 *16,050	*7500 *16,050	*6500 *13,600	6050 12,900	*4950	4600								*4500 *9,950	4350 9,900	10 830 34'9"
12.0 m 40.0 ft	kg lb							*8200 *17,800	8200 17,600	*7500 *16,050	6100 13,100	6000 12,800	4700 10,000	*4550	3650						*4250 *9,450	3550 7,950	12 190 39'5"
10.5 m 35.0 ft	kg lb							*8650 *18,850	8150 17,500	7700 16,550	6100 13,050	6000 12,850	4700 10,050	4750 10,150	3700 7,850						4000 8,850	3050 6,750	13 230 43'0"
9.0 m 30.0 ft	kg lb							*8900 *19,350	8000 17,200	7600 16,300	5950 12,800	5900 12,700	4600 9,900	4700 10,100	3650 7,800	3850 8,150	2900 6,200				3550 7,900	2700 5,950	14 040 45'10"
7.5 m 25.0 ft	kg lb					*10 800 *23,450	*10 800 *23,450	*9350 *20,250	7700 16,600	7400 15,900	5750 12,400	5750 12,400	4500 9,600	4650 9,950	3550 7,650	3800 8,100	2850 6,100				3250 7,200	2450 5,400	14 650 47'11"
6.0 m 20.0 ft	kg lb			*13 150 *28,400	*13 150 *28,400	*11 850 *25,600	10 250 22,150	9450 20,350	7300 15,700	7100 15,300	5500 11,850	5600 12,000	4300 9,250	4500 9,700	3450 7,400	3700 7,950	2800 6,000	3100	2300		3050 6,750	2250 5,000	15 090 49'4"
4.5 m 15.0 ft	kg lb		*54,750	*54,750	*17 050 *36,800	14 500 31,350	12 500 26,950	9400 20,350	8900 19,200	6800 14,650	6800 14,600	5200 11,150	5350 11,550	4100 8,800	4350 9,400	3300 7,100	3600 7,750	2700 5,800	3050 6,500	2250 4,750	2900 6,400	2150 4,700	15 360 50'4"
3.0 m 10.0 ft	kg lb				17 750 38,250	12 600 27,300	11 500 24,800	8500 18,400	8350 18,000	6250 13,500	6450 13,850	4850 10,450	5150 11,050	3850 8,300	4200 9,050	3150 6,750	3500 7,550	2600 5,600	3000 6,350	2200 4,650	2850 6,200	2050 4,550	15 490 50'9"
1.5 m 5.0 ft	kg lb				*7200 *16,800	*7200 *16,800	10 650 22,950	7700 16,650	7850 16,900	5800 12,450	6100 13,150	4550 9,750	4900 10,600	3650 7,850	4050 8,750	3000 6,450	3400 7,350	2500 5,400	2900 6,250	2150 4,550	2800 6,100	2050 4,450	15 460 50'8"
0 m 0 ft	kg lb	*2900 *6,500	*2900 *6,500	*5750 *13,100	*5750 *13,100	10 050 21,650	7150 15,450	7450 16,000	5400 11,650	5850 12,550	4300 9,200	4750 10,200	3500 7,500	3950 8,450	2900 6,200	3350 7,150	2450 5,250	2850 6,150	2100 4,450	2800 6,150	2050 4,450	15 290 50'1"	
-1.5 m -5.0 ft	kg lb		*8,400	*8,400	*5800 *13,150	*5800 *13,150	9700 20,950	6850 14,800	7150 15,450	5150 11,150	5650 12,150	4100 8,800	4600 9,900	3350 7,200	3850 8,250	2800 6,000	3300 7,050	2400 5,100		2850 6,300	2050 4,550	14 970 49'0"	
-3.0 m -10.0 ft	kg lb				*6300 *14,100	*6300 *14,100	9600 20,650	6750 14,550	7050 15,150	5050 10,850	5500 11,900	4000 8,600	4500 9,700	3250 7,050	3800 8,150	2750 5,900	3250 7,000	2350 5,050		3000 6,550	2150 4,750	14 480 47'5"	
-4.5 m -15.0 ft	kg lb						9600 20,650	6750 14,550	7000 15,100	5000 10,800	5500 11,800	3950 8,500	4500 9,650	3250 7,000	3800 8,150	2750 5,900				3400 7,500	2450 5,450	13 120 42'7"	



ISO 10567:2007



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

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MH3040 Material Handler Specifications

Lift Capacities

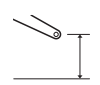
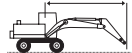
Work tool: none, hydraulic cab riser, air pneumatic tires, stabilizers lowered, with counterweight 7700 kg (16,980 lb), heavy lift on.

 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

Boom 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



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

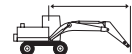


Undercarriage MH

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 10,600	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



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Lift capacity stays with $\pm 5\%$ 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

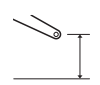
 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

Boom Barge

Stick 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 *13,450	*6000 *13,450	7710 23'11"
13.5 m 45.0 ft	kg lb					*8250 *17,750	7900 16,950	*6700 *13,500	5850 12,400							*5400 *12,050	5000 11,550	9770 31'2"
12.0 m 40.0 ft	kg lb					*8150 *17,850	7950 17,100	*7400 *16,150	5900 12,600	4500 9,550						5100 *11,400	3900 8,850	11 260 36'4"
10.5 m 35.0 ft	kg lb					*8300 *18,050	7850 16,850	*7450 16,050	5850 12,500	4500 9,600	4550 9,750	3500 7,400				4300 9,600	3250 7,300	12 390 40'3"
9.0 m 30.0 ft	kg lb			*10 000 *21,700	*10 000 *21,700	*8650 *18,700	7600 16,350	7300 15,700	5650 12,200	5700 12,200	4400 9,400	4550 9,700	3450 7,350			3800 8,400	2850 6,300	13 250 43'2"
7.5 m 25.0 ft	kg lb	*13 650 *29,400	*13 650 *29,400	*10 900 *23,500	10 150 21,950	*9150 *19,750	7200 15,550	7050 15,200	5450 11,700	5500 11,850	4250 9,100	4450 9,500	3350 7,200	3600 7,700	2700 5,700	3400 7,550	2550 5,600	13 890 45'5"
6.0 m 20.0 ft	kg lb	*15 850 *34,100	14 150 30,700	*12 000 *25,850	9300 20,100	8850 19,050	6700 14,500	6700 14,500	5100 11,000	5300 11,450	4050 8,650	4300 9,250	3250 6,900	3550 7,550	2600 5,600	3150 7,000	2350 5,100	14 350 46'11"
4.5 m 15.0 ft	kg lb		*20,150	11 250 24,400	8250 17,950	8250 17,800	6150 13,300	6350 13,700	4750 10,300	5100 10,950	3800 8,150	4150 8,900	3100 6,600	3450 7,350	2550 5,400	3000 6,600	2200 4,800	14 640 47'11"
3.0 m 10.0 ft	kg lb			10 250 22,200	7350 15,950	7650 16,550	5600 12,100	6000 12,950	4450 9,550	4850 10,400	3550 7,700	4000 8,600	2950 6,300	3350 7,150	2450 5,200	2900 6,350	2100 4,550	14 770 48'5"
1.5 m 5.0 ft	kg lb			*8100 *19,000	6750 14,600	7200 15,550	5200 11,200	5700 12,250	4150 8,900	4650 9,950	3350 7,250	3850 8,300	2800 6,000	3250 6,950	2350 5,000	2850 6,250	2050 4,450	14 750 48'4"
0 m 0 ft	kg lb	*3650 *8,400	*3650 *8,400	*7400 *17,000	6450 13,900	6900 14,900	4900 10,600	5450 11,750	3900 8,450	4450 9,600	3200 6,900	3750 8,050	2700 5,750	3200 6,800	2250 4,850	2850 6,250	2050 4,450	14 570 47'9"
-1.5 m -5.0 ft	kg lb	*4900 *11,050	*4900 *11,050	*7700 *17,550	6350 13,700	6750 14,550	4750 10,250	5300 11,450	3800 8,150	4350 9,400	3100 6,700	3650 7,850	2600 5,600	3150 6,750	2250 4,800	2950 6,400	2100 4,550	14 220 46'7"
-3.0 m -10.0 ft	kg lb			*8400 *19,000	6350 13,700	6700 14,450	4700 10,150	5250 11,300	3700 8,000	4300 9,250	3050 6,550	3600 7,800	2600 5,550	3100 5,550	2200	3050 6,750	2200 4,800	13 710 44'10"
-4.5 m -15.0 ft	kg lb					6750 14,550	4750 10,200	5250 11,350	3750 8,050	4300 9,300	3050 6,600	3650 7,850	2600 5,600			3300 7,300	2350 5,200	13 000 42'6"



ISO 10567:2007



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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.

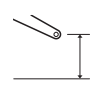
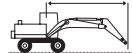
 Load point height
  Load over front
  Load over side
  Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

Boom Barge

Stick

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					*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 *9,600	*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 10567:2007



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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

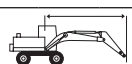
 Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

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
16.5 m 55.0 ft	kg lb																			*5000	*5000	7140
15.0 m 50.0 ft	kg lb									*5050 *10,100	*5050 *10,100									*4400 *9,850	*4400 *9,850	9570 30'3"
13.5 m 45.0 ft	kg lb									*6400 *13,500	6250 13,350	*5100 *10,300	4750 10,100							*4150 *9,150	*4150 *9,150	11 290 36'3"
12.0 m 40.0 ft	kg lb									*6700 *14,650	6250 13,450	6150 13,100	4800 10,250	*4800 *9,600	3750 7,900					*4000 *8,800	3400 7,600	12 600 40'9"
10.5 m 35.0 ft	kg lb									*6800 *14,800	6200 13,300	6100 13,050	4750 10,200	4800 10,300	3750 7,950	3850	2950			3800 8,450	2900 6,400	13 610 44'3"
9.0 m 30.0 ft	kg lb									*7000 *15,200	6050 12,950	5950 12,800	4650 9,950	4750 10,150	3650 7,800	3850 8,200	2900 6,200			3400 7,500	2550 5,600	14 400 47'0"
7.5 m 25.0 ft	kg lb							*8250 *17,900	7750 16,700	*7300 *15,900	5800 12,450	5800 12,450	4500 9,600	4650 9,950	3550 7,600	3750 8,050	2850 6,050			3100 6,850	2300 5,050	15 000 49'0"
6.0 m 20.0 ft	kg lb					*10 650 *23,000	10 200 22,000	*8950 *19,300	7250 15,600	7100 15,250	5450 11,750	5550 11,950	4250 9,150	4450 9,600	3400 7,250	3650 7,850	2750 5,850	3050 6,450	2250 4,750	2900 6,350	2100 4,600	15 420 50'6"
4.5 m 15.0 ft	kg lb																					
3.0 m 10.0 ft	kg lb																					
1.5 m 5.0 ft	kg lb																					
0 m 0 ft	kg lb																					
-1.5 m -5.0 ft	kg lb																					
-3.0 m -10.0 ft	kg lb																					
-4.5 m -15.0 ft	kg lb																					
-6.0 m -20.0 ft	kg lb																					



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

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	
16.5 m 55.0 ft	kg lb							5000	5000														7630 23'4"
15.0 m 50.0 ft	kg lb									*5350 *10,800	*5350 *10,800												9900 31'5"
13.5 m 45.0 ft	kg lb									*6600 *13,950	*6600 *13,950	*5350 *10,900	*5350 *10,900										11 540 37'1"
12.0 m 40.0 ft	kg lb									*6700 *14,650	*6700 *14,650	*6250 *13,600	*6250 *13,600	*5050 *10,200	*5050 *10,200								12 790 41'5"
10.5 m 35.0 ft	kg lb									*6800 *14,850	*6800 *14,850	*6300 *13,650	*6300 *13,650	*5850 *12,700	*5850 *12,700	*4350	*4350						13 760 44'9"
9.0 m 30.0 ft	kg lb							*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						14 520 47'4"
7.5 m 25.0 ft	kg lb							*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				15 080 49'4"
6.0 m 20.0 ft	kg lb			*13 850 *29,750	*13 850 *29,750	*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 *12,100	*5050 *9,900	4750 *9,900				15 480 50'8"
4.5 m 15.0 ft	kg lb			*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 11,850	*5150 *11,100	4650 10,000				15 720 51'6"
3.0 m 10.0 ft	kg lb			*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	*6450 *13,800	*5750 *12,400	5350 11,550	*5100 *11,050	4550 9,800				15 820 51'10"
1.5 m 5.0 ft	kg lb			*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	*6550 *13,400	*5750 *12,400	5250 11,250	*5050 *10,850	4500 9,650				15 770 51'8"
0 m 0 ft	kg lb	*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				15 580 51'1"
-1.5 m -5.0 ft	kg lb	*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				15 230 49'11"
-3.0 m -10.0 ft	kg lb			*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						14 730 48'2"
-4.5 m -15.0 ft	kg lb			*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						14 040 45'11"
-6.0 m -20.0 ft	kg lb							*7500 *16,150	*7500 *16,150	*6450 *13,800	*6450 *13,800	*5500 *11,650	*5500 *11,650	*4550 *9,550	*4550 *9,550								13 140 42'6"



ISO 10567:2007



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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

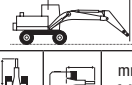
 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage MH

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



ISO 10567:2007



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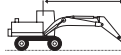
Lift capacity stays with ±5% for all available track shoes.

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 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		Boom										Stick														
MH		10.4 m (34'9") MH										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 21'08"
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 *10,100	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 *11,200	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	3800	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 *16,300	7600	*6550 *14,150	6250	*5700 *12,250	5300	*4950	4550		*4200	3950		*3950 *8,700	3800	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/m³ (3,000 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◆ 900 kg/m³ (1,500 lb/yd³)
- ◇ 600 kg/m³ (1,000 lb/yd³)
- 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/m³ (3,000 lb/yd³)

○ 1200 kg/m³ (2,000 lb/yd³)

◆ 900 kg/m³ (1,500 lb/yd³)

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
CAT TECHNOLOGY			UNDERCARRIAGE AND STRUCTURES		
VisionLink®	✓		7700 kg (16,975 lb) counterweight	✓	
Cat Payload ⁽⁴⁾	✓		16.00-25 single solid rubber tires		✓
Cat E-Fence ⁽⁴⁾	✓		23.5-R25 single pneumatic tires		✓
Remote Flash	✓		All wheel drive	✓	
Remote Troubleshoot	✓		Automatic brake/axle lock	✓	
ENGINE			Creeper 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 ⁽²⁾	✓		Hitch towing		✓
Cold start, block heater (120V) ⁽³⁾		✓	BOOMS, STICKS AND LINKAGES		
Cold start, ether start ⁽²⁾	✓		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 ⁽³⁾		✓
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		✓
HYDRAULIC SYSTEM			5.7 m (18'8") Industrial stick		✓
Electric main control valve	✓		4.1 m (13'3") Over/Under Log Loader stick ⁽³⁾		✓
Boom and stick regeneration circuits	✓				
Automatic hydraulic oil warm up	✓				
Boom and stick lowering control check valves ⁽⁴⁾	✓				
Tandem type electronic main pump	✓				
Element type main hydraulic filter	✓				
Fine swing control function ⁽²⁾	✓				
Heavy lift mode	✓				

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

⁽³⁾North America only.

⁽⁴⁾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
ELECTRICAL SYSTEM			SAFETY AND SECURITY		
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		✓
SERVICE AND MAINTENANCE			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 SM) 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		✓

⁽³⁾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 CO₂ 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

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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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