



MH3032

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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MH3032 Material Handler Specifications

Engine

Engine Model	Cat® C7.1	
Net Power		
ISO 9249	158 kW	212 hp
ISO 9249 (metric)	215 hp (PS)	
Engine Power		
ISO 14396	159 kW	213 hp
ISO 14396 (metric)	216 hp (PS)	
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	7.0 L	428.0 in ³
Number of Cylinders	6	
Biodiesel Capability	Up to B20 ⁽¹⁾	

- Meets U.S. EPA Tier 3 and EU Stage IIIA equivalent emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, Clean Emission Module (CEM) exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Rated speed 1,900 rpm.

⁽¹⁾Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:

- ✓ 100% biodiesel FAME (fatty acid methyl ester)*
- ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.

*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.

Drive

Forward/Reverse		
1st Gear	6.5 km/h	4.0 mph
2nd Gear	18.0 km/h	11.2 mph
Creeper Speed		
1st Gear	3.5 km/h	2.2 mph
2nd Gear	12.0 km/h	7.5 mph
Drawbar Pull		
Maximum Gradeability at (32 000 kg/70,500 lb)	45%	

Service Refill Capacities

Fuel Tank Capacity	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Hydraulic Tank	147 L	38.8 gal
Swing Drive	10 L	2.6 gal
Hydraulic System (including tank)	301 L	79.5 gal
Rear Axle Differential	19.5 L	5.2 gal
Steering Axle Differential	26 L	6.9 gal
Final Drive (each)	2.2 L	0.6 gal
Powershift Transmission	3 L	0.8 gal

Swing Mechanism

Swing Speed*	7 rpm	
Maximum Swing Torque	82 kN·m	60,680 lbf·ft

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

Undercarriage

Ground Clearance (axle)	249 mm	9.8 in
Ground Clearance (frame)	250 mm	9.8 in
Maximum Steering Angle	30°	
Oscillation Axle Angle	±5°	
Minimum Turning Radius		
Outside of Stabilizer	8500 mm	27.9 ft

Operating Weights¹

Minimum	32 900 kg	72,550 lb
Maximum	35 400 kg	78,050 lb
Typical Configurations:		
Scrapyard ²	34 400 kg	75,850 lb
Waste Handler ³	34 800 kg	76,700 lb

¹Operating weight includes full fuel tank, 75 kg (165 lb) operator and a 2000 kg (4,410 lb) grapple. Weight varies depending on configuration.

²Scrapyard configuration includes 8.5 m (27'11") Straight Material Handler (MH) boom, 6.4 m (21'0") Drop Nose stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb), 20 kW generator and 12.00-20 size solid tires.

³Waste Handler configuration includes 8.5 m (27'11") Straight MH boom, 6.4 m (21'0") Straight stick, full fuel tank, 75 kg (165 lb) operator, grapple 2000 kg (4,410 lb) and 12.00-20 size solid tires.

Hydraulic System

Maximum Pressure		
Implements	35 000 kPa	5,076 psi
Travel Circuit	35 000 kPa	5,076 psi
Swing Circuit	28 400 kPa	4,119 psi
Medium Pressure	20 000 kPa	2,901 psi
Maximum Flow		
System	560 L/min	148 gal/min
Travel Circuit	280 L/min	74 gal/min
Medium Pressure	54 L/min	14.5 gal/min
Boom Cylinder (MH) – Bore	140 mm	0'6" ft/in
Boom Cylinder (MH) – Stroke	1326 mm	4'4" ft/in
Stick Cylinder (MH) – Bore	120 mm	0'5" ft/in
Stick Cylinder (MH) – Stroke	1305 mm	4'3" ft/in
Bucket Cylinder – Bore	130 mm	0'5" ft/in
Bucket Cylinder – Stroke	1156 mm	3'10" ft/in

Tires

Standard	12.00-20 (Dual Solid)
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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 7096:2000-spectral class EM5	<0.7	

Standards

Brakes	ISO 3450:2011
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

Sound Performance

ISO 6396:2008 (internal)	70 dB(A)
ISO 6395:2008 (external)	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 (2.6 lbs) of refrigerant, which has a CO₂ equivalent of 1.716 metric tonnes (1.892 tons).

MH3032 Material Handler Specifications

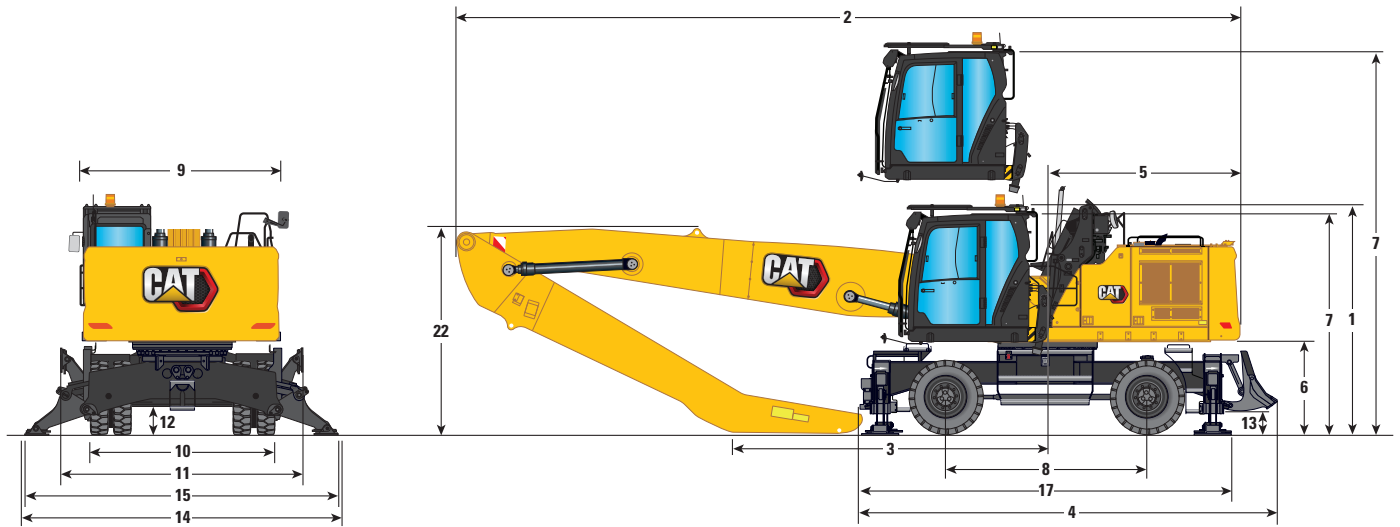
Major Component Weights

	kg	lb
Booms (including boom and stick cylinders, pins and standard hydraulic lines):		
8.5 m (27'11") Straight MH Boom	4050	8,950
9.3 m (30'6") Straight MH Boom	4150	9,150
Sticks (including bucket cylinder and linkage (if equipped), pins and standard hydraulic lines):		
6.4 m (21'0") Drop Nose Stick	1585	3,500
6.4 m (21') Straight Stick	2275	5,000
Counterweight:		
Standard	6000	13,250
Undercarriage (including axles, tires and steps):		
Front and Rear Stabilizers	10 950	24,150
Tires		
Dual Solid Tires (12.00-20)	2300	5,050
Optional Equipment		
Generator	285	630
OPG guard (without roof wiper)	130	290
OPG guard (with roof wiper)	165	360
High Impact Resistance Windshield (P8B glass)	70	150
Grapples (includes mounting bracket):		
CTV15-1000 (1.00 m ³ / 1.3 yd ³)	1320	2,900
CTV15-1200 (1.20 m ³ / 1.55 yd ³)	1400	3,100
CTV15-1500 (1.50 m ³ /2.0 yd ³)	1520	3,350
CTV15-1700 (1.70 m ³ /2.25 yd ³)	1600	3,550
GSH425-750-S (0.75 m ³ /1.0 yd ³)	1670	3,700
GSH425-950-S (0.95 m ³ /1.25 yd ³)	1710	3,750
GSH425-1150-S (1.15 m ³ /1.5 yd ³)	1770	3,900
GSH525-750-S (0.75 m ³ /1.0 yd ³)	1980	4,350
GSH525-950-S (0.95 m ³ /1.25 yd ³)	2020	4,450
GSH525-1150-S (1.15 m ³ /1.5 yd ³)	2090	4,600
GSV425-600-S (0.60 m ³ /0.75 yd ³)	1600	3,550
GSV425-750-S (0.75 m ³ /1.0 yd ³)	1640	3,600
GSV425-950-S (0.95 m ³ /1.25 yd ³)	1690	3,750
GSV425-1150-S (1.15 m ³ /1.5 yd ³)	1730	3,800
GSV425-1550-S (1.55 m ³ /2.0 yd ³)	1800	3,950
GSV525-600-S (0.60 m ³ /0.75 yd ³)	1850	4,100
GSV525-750-S (0.75 m ³ /1.0 yd ³)	1900	4,200
GSV525-950-S (0.95 m ³ /1.25 yd ³)	1960	4,300
GSV525-1150-S (1.15 m ³ /1.5 yd ³)	2020	4,450
GSV525-1550-S (1.55 m ³ /2.0 yd ³)	2100	4,650

MH3032 Material Handler Specifications

Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom
8.5 m (27'11")

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

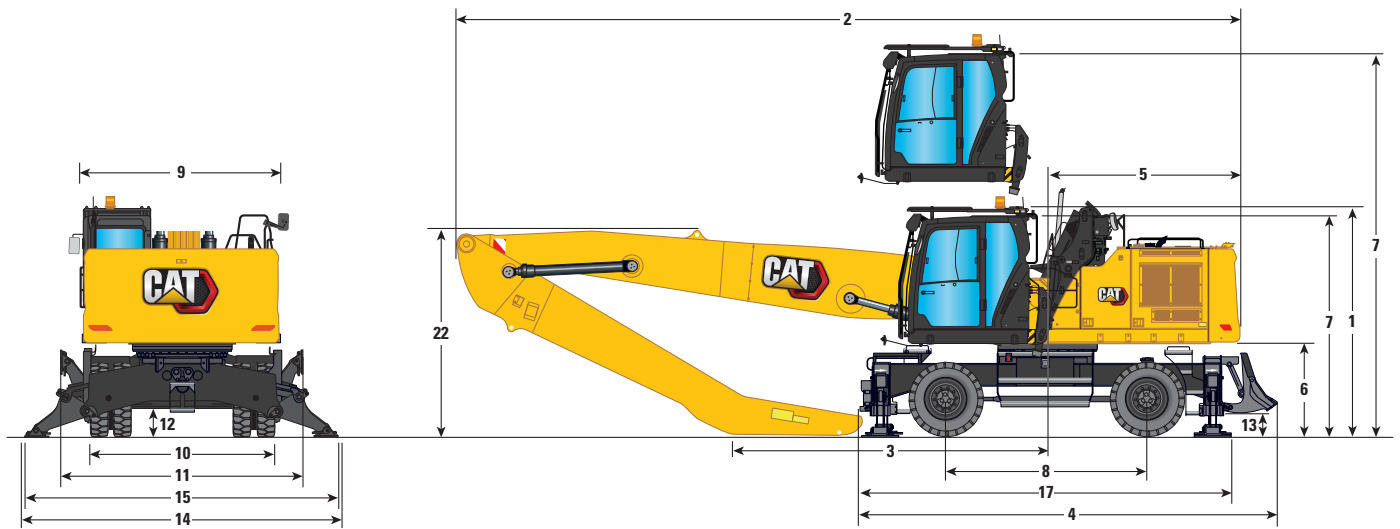
6.4 m (21'0")

	5.7 m (18'8")	11'8"	6.4 m (21'0")	11'8"	6.4 m (21'0")	11'8"
1 Shipping Height with OPG (highest point between boom and cab)	3550 mm	11'8"	3550 mm	11'8"	3550 mm	11'8"
2 Shipping Length						
3.0 m (9'10") MH Undercarriage	11 890 mm	39'0"	11 860 mm	38'11"	11 850 mm	38'11"
3 Support Point	5310 mm	17'5"	3190 mm	10'6"	3380 mm	11'1"
4 Machine Length						
3.0 m (9'10") MH Undercarriage	5785 mm	19'0"	5785 mm	19'0"	5785 mm	19'0"
5 Tail Swing Radius	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
6 Counterweight Clearance	1465 mm	4'10"	1465 mm	4'10"	1465 mm	4'10"
7 Cab Height						
Cab Lowered – without OPG	3500 mm	11'6"	3500 mm	11'6"	3500 mm	11'6"
Cab Lowered – with OPG	3550 mm	11'8"	3550 mm	11'8"	3550 mm	11'8"
Cab Lowered – with OPG Roof Wiper Guard	3645 mm	12'0"	3645 mm	12'0"	3645 mm	12'0"
Cab Raised – without OPG	6095 mm	20'0"	6095 mm	20'0"	6095 mm	20'0"
Cab Raised – with OPG	6145 mm	20'2"	6145 mm	20'2"	6145 mm	20'2"
Cab Raised – with OPG Roof Wiper Guard	6240 mm	20'6"	6240 mm	20'6"	6240 mm	20'6"
22 Linkage Height including hydraulic lines at shipping position (from ground to top of hydraulic lines)	3070 mm	10'1"	3410 mm	11'2"	3450 mm	11'4"

MH3032 Material Handler Specifications

Undercarriage Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom

8.5 m (27'11")

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

6.4 m (21'0")

Undercarriage

3.0 m (9'10")

3.0 m (9'10")

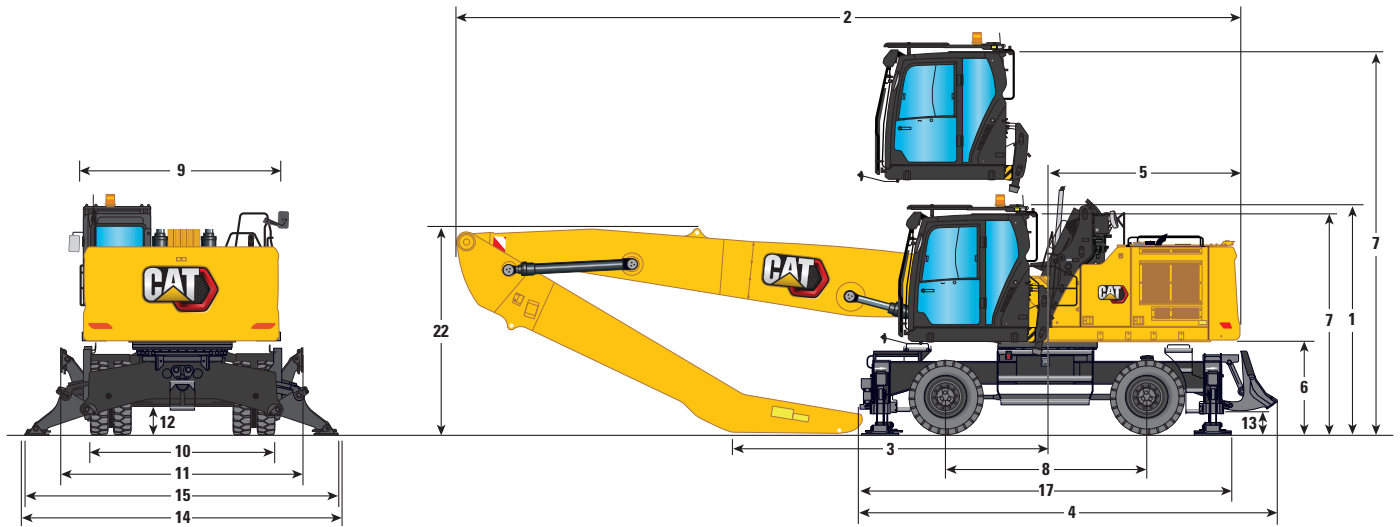
3.0 m (9'10")

8 Wheel Base	3200 mm	10'6"	3200 mm	10'6"	3200 mm	10'6"
9 Shipping Width	3000 mm	9'10"	3000 mm	9'10"	3000 mm	9'10"
Undercarriage Width						
10 Outside Tires	2935 mm	9'8"	2935 mm	9'8"	2935 mm	9'8"
11 With Outriggers Up	2990 mm	9'10"	2990 mm	9'10"	2990 mm	9'10"
14 With Outriggers on Ground	4900 mm	16'1"	4900 mm	16'1"	4900 mm	16'1"
15 With Outriggers Fully Down	4800 mm	15'9"	4800 mm	15'9"	4800 mm	15'9"
Clearance to Ground						
12 Axle Clearance	249 mm	0'10"	249 mm	0'10"	249 mm	0'10"
13 Outrigger Clearance	250 mm	0'10"	250 mm	0'10"	250 mm	0'10"
Undercarriage Length						
17 Without Push Blade	5781 mm	19'0"	5781 mm	19'0"	5781 mm	19'0"

MH3032 Material Handler Specifications

Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom

9.3 m (30'6")

Stick Options

Drop Nose

5.7 m (18'8")

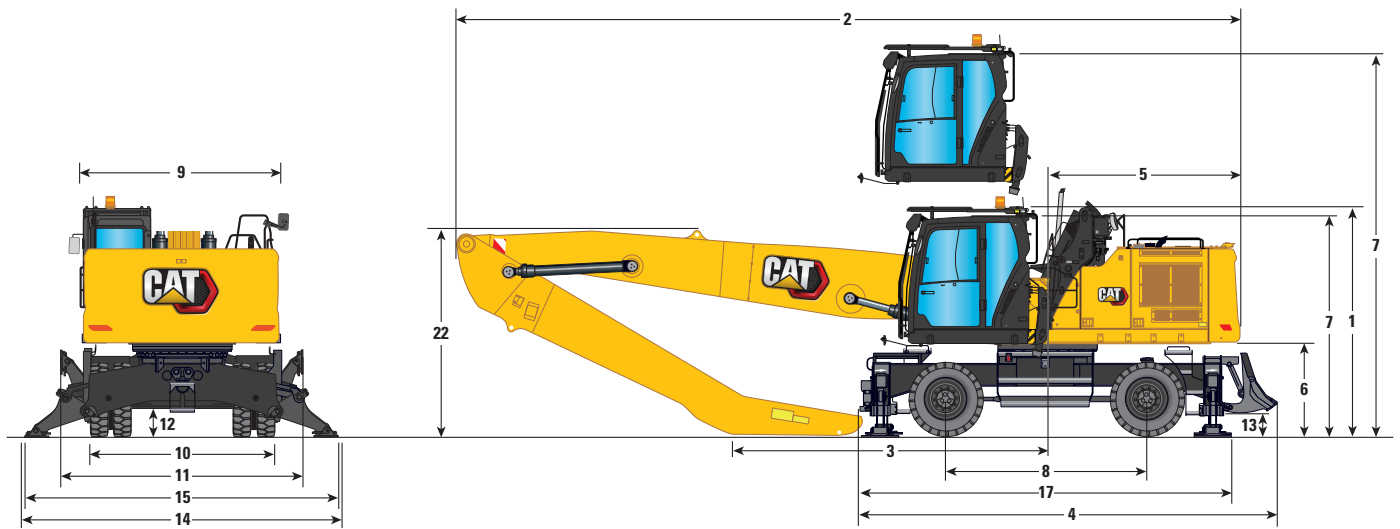
6.4 m (21'0")

	5.7 m (18'8")	11'8"	6.4 m (21'0")	11'8"
1 Shipping Height with OPG (highest point between boom and cab)	3550 mm	11'8"	3550 mm	11'8"
2 Shipping Length				
3.0 m (9'10") MH Undercarriage	12 690 mm	41'8"	12 700 mm	41'8"
3 Support Point	6100 mm	20'0"	5160 mm	16'11"
4 Machine Length				
3.0 m (9'10") MH Undercarriage	5785 mm	19'0"	5785 mm	19'0"
5 Tail Swing Radius	3000 mm	9'10"	3000 mm	9'10"
6 Counterweight Clearance	1465 mm	4'10"	1465 mm	4'10"
7 Cab Height				
Cab Lowered – without OPG	3500 mm	11'6"	3500 mm	11'6"
Cab Lowered – with OPG	3550 mm	11'8"	3550 mm	11'8"
Cab Lowered – with OPG Roof Wiper Guard	3645 mm	12'0"	3645 mm	12'0"
Cab Raised – without OPG	6095 mm	20'0"	6095 mm	20'0"
Cab Raised – with OPG	6145 mm	20'2"	6145 mm	20'2"
Cab Raised – with OPG Roof Wiper Guard	6240 mm	20'6"	6240 mm	20'6"
22 Linkage Height including hydraulic lines at shipping position (from ground to top of hydraulic lines)	3070 mm	10'1"	3040 mm	10'0"

MH3032 Material Handler Specifications

Undercarriage Dimensions

All Dimensions are approximate. Values are with 12.00-20 solid tires.



Boom Options

MH Boom
9.3 m (30'6")

Stick Options

Drop Nose

5.7 m (18'8")

6.4 m (21'0")

3.0 m (9'10")

3.0 m (9'10")

Undercarriage

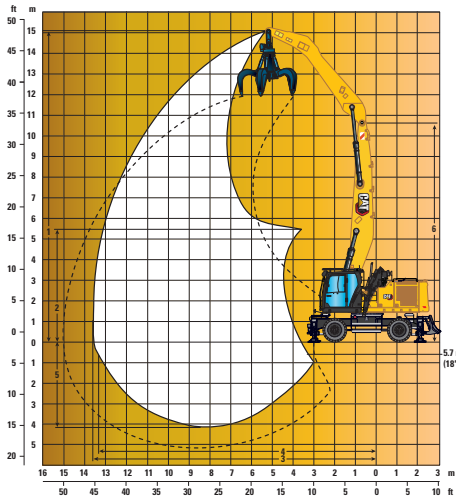
8 Wheel Base	3200 mm	10'6"	3200 mm	10'6"
9 Shipping Width	3000 mm	9'10"	3000 mm	9'10"
Undercarriage Width				
10 Outside Tires	2935 mm	9'8"	2935 mm	9'8"
11 With Outriggers Up	2990 mm	9'10"	2990 mm	9'10"
14 With Outriggers on Ground	4900 mm	16'1"	4900 mm	16'1"
15 With Outriggers Fully Down	4800 mm	15'9"	4800 mm	15'9"
Clearance to Ground				
12 Axle Clearance	249 mm	0'10"	249 mm	0'10"
13 Outrigger Clearance	250 mm	0'10"	250 mm	0'10"
Undercarriage Length				
17 Without Push Blade	5781 mm	19'0"	5781 mm	19'0"

MH3032 Material Handler Specifications

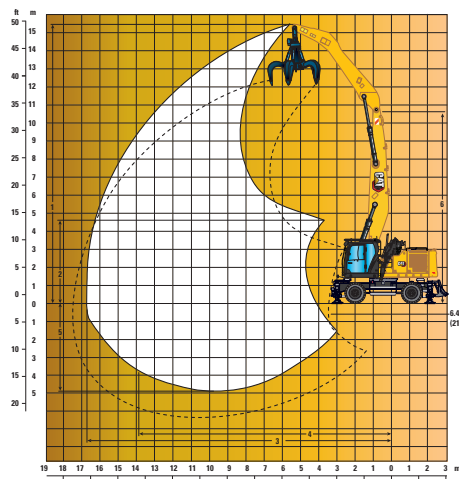
Working Ranges

All dimensions are approximate and may vary depending on grapple selection.

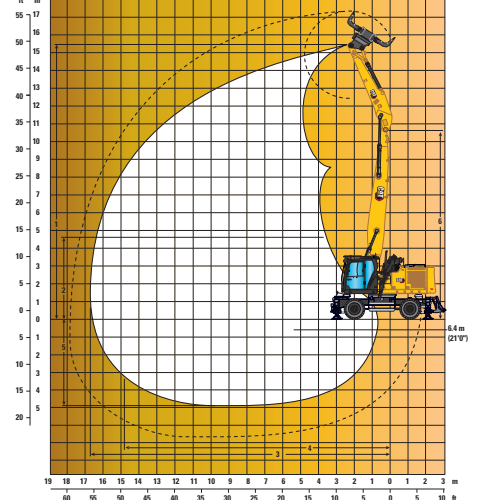
①



②



③



Boom Options

MH Boom
8.5 m (27'11")

①

②

③

Stick Options

Drop Nose

Straight

5.7 m (18'8")

6.4 m (21'0")

6.4 m (21'0")

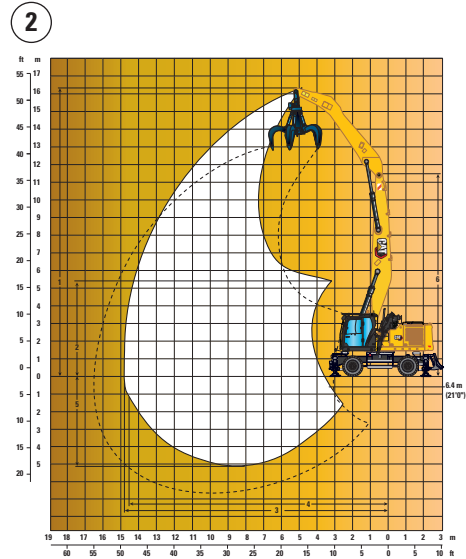
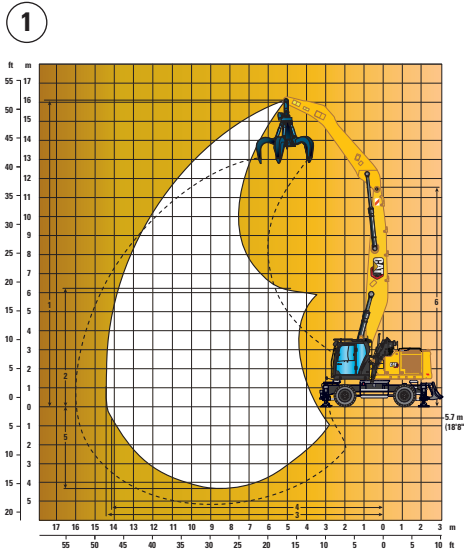
	5.7 m (18'8")	6.4 m (21'0")	6.4 m (21'0")	6.4 m (21'0")
1 Maximum Height	15 210 mm	49'11"	15 470 mm	50'9"
2 Minimum Dump Height	5460 mm	17'11"	4670 mm	15'4"
3 Maximum Reach	13 610 mm	44'8"	14 080 mm	46'2"
4 Maximum Reach at Ground Line	13 410 mm	44'0"	13 900 mm	45'7"
5 Maximum Depth	4290 mm	14'1"	4990 mm	16'4"
6 Boom Pin Height	10 750 mm	35'3"	10 750 mm	35'3"

All dimensions refer to stick nose pin, with solid tires 10.00-20.

MH3032 Material Handler Specifications

Working Ranges

All dimensions are approximate and may vary depending on grapple selection.



Boom Options

MH Boom
9.3 m (30'6")

Stick Options

	①		②	
	5.7 m (18'8")	Drop Nose	6.4 m (21'0")	
1 Maximum Height	16 010 mm	52'6"	16 270 mm	53'5"
2 Minimum Dump Height	6260 mm	20'6"	5470 mm	17'11"
3 Maximum Reach	14 380 mm	47'2"	14 840 mm	48'8"
4 Maximum Reach at Ground Line	14 200 mm	46'7"	14 670 mm	48'2"
5 Maximum Depth	4370 mm	14'4"	5070 mm	16'8"
6 Boom Pin Height	11 550 mm	37'11"	11 550 mm	37'11"

All dimensions refer to stick nose pin, with solid tires 10.00-20.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

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

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 5.7 m Drop Nose

Load point height	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm															*6350	*6350	4450
13 500 mm			*6700	*6700	*5000	*5000									*4950	*4950	7540
12 000 mm			*7750	*7750	*6750	5600	*5150	4000							*4400	3650	9430
10 500 mm			*8450	8150	*7500	5600	5650	4050	4250	3000					4050	2800	10790
9000 mm			*8750	8000	*7550	5550	5650	4050	4300	3000					3450	2350	11800
7500 mm			*9150	7650	7450	5350	5500	3900	4200	2950	3300	2250			3050	2050	12550
6000 mm	*12 450	11 300	*9800	7150	7100	5000	5300	3700	4100	2850	3250	2200			2750	1800	13080
4500 mm	*14 050	9900	9400	6450	6650	4600	5050	3450	3950	2700	3150	2100			2600	1650	13420
3000 mm	*12 150	8350	8600	5750	6200	4200	4750	3200	3750	2500	3050	2000	2500	1600	2500	1600	13590
1500 mm	*5100	*5100	7900	5100	5800	3850	4500	3000	3600	2350	2950	1900	2450	1550	2450	1550	13590
0 mm	*4550	*4550	7450	4700	5500	3550	4300	2800	3500	2250	2850	1850			2450	1550	13420
-1500 mm	*5000	*5000	7250	4550	5350	3400	4200	2650	3400	2150	2850	1800			2500	1600	13070
-3000 mm			7200	4500	5300	3350	4100	2600	3350	2150	2850	1800					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

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

Undercarriage MH, HD Axles

Boom 27'11"

Stick 18'8" Drop Nose

Load point height	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
45 ft			*14,100	*14,100									*11,200	*11,200	23.62
40 ft			*16,700	*16,700	*14,300	11,900	*10,200	8,500					*9,900	8,300	30.25
35 ft			*18,400	17,500	*16,300	12,100	12,100	8,700					9,100	6,400	34.94
30 ft			*19,100	17,200	16,500	11,900	12,100	8,700	9,200	6,400			7,700	5,300	38.42
25 ft			*19,900	16,600	16,000	11,500	11,800	8,400	9,100	6,300	7,100	4,800	6,700	4,500	40.98
20 ft	*26,900	24,400	*21,300	15,500	15,300	10,800	11,400	8,000	8,800	6,100	7,000	4,700	6,100	4,000	42.81
15 ft	*30,300	21,500	20,300	14,000	14,400	10,000	10,800	7,500	8,500	5,800	6,800	4,500	5,700	3,700	44.00
10 ft	28,300	18,200	18,500	12,400	13,400	9,100	10,300	6,900	8,100	5,400	6,600	4,300	5,500	3,500	44.59
5 ft	*12,000	*12,000	17,100	11,100	12,600	8,300	9,700	6,400	7,800	5,100	6,400	4,100	5,400	3,400	44.59
0 ft	*10,400	*10,400	16,100	10,200	11,900	7,700	9,300	6,000	7,500	4,800	6,200	3,900	5,400	3,400	44.03
-5 ft	*11,400	*11,400	15,700	9,800	11,500	7,300	9,000	5,700	7,300	4,700	6,100	3,900	5,600	3,500	42.88
-10 ft			15,600	9,700	11,400	7,200	8,900	5,600	7,300	4,600					

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

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

Undercarriage MH, HD Axles

Boom 8.5 m

Stick 5.7 m Drop Nose

Load point height	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm															*6350	*6350	4450
13 500 mm			*6700	*6700	*5000	*5000									*4950	*4950	7540
12 000 mm			*7750	*7750	*6750	*6750	*5150	*5150							*4400	*4400	9430
10 500 mm			*8450	*8450	*7500	*7500	*6650	*6650	*4700	*4700					*4150	*4150	10 790
9000 mm			*8750	*8750	*7550	*7550	*6650	*6650	*5950	*5950					*4050	*4050	11 800
7500 mm			*9150	*9150	*7800	*7800	*6800	*6800	*6000	*6000	*5250	5150			*4000	*4000	12 550
6000 mm	*12 450	*12 450	*9800	*9800	*8150	*8150	*6950	*6950	*6100	*6100	*5350	5050			*4000	*4000	13 080
4500 mm	*14 050	*14 050	*10 550	*10 550	*8500	*8500	*7150	7150*	*6150	6150	*5300	4950			*4100	*4100	13 420
3000 mm	*12 150	*12 150	*11 150	*11 150	*8800	*8800	*7250	7250*	*6150	5950	*5250	4850	4400*	4050	*4250	4000	13 590
1500 mm	*5100	*5100	*11 250	*11 250	*8850	*8850	*7250	*7250	*6050	5800	*5100	4750	4150*	4000	*4050	3950	13 590
0 mm	*4550	*4550	*10 700	*10 700	*8550	*8550	*7000	*7000	*5800	5650	*4800	4650			*3750	*3750	13 420
-1500 mm	*5000	*5000	*9550	*9550	*7850	*7850	*6450	*6450	*5300	*5300	*4250	*4250			*3400	*3400	13 070
-3000 mm			*8000	*8000	*6750	*6750	*5600	*5600	*4550	*4550	*3400	*3400					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

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

Undercarriage MH, HD Axles

Boom 27'11"

Stick 18'8" Drop Nose

Load point height	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
45 ft			*14,100	*14,100									*11,200	*11,200	23.62
40 ft			*16,700	*16,700	*14,300	*14,300	*10,200	*10,200					*9,900	*9,900	30.25
35 ft			*18,400	*18,400	*16,300	*16,300	*14,100	*14,100					*9,200	*9,200	34.94
30 ft			*19,100	*19,100	*16,500	*16,500	*14,500	*14,500	*13,000	*13,000			*8,900	*8,900	38.42
25 ft			*19,900	*19,900	*16,900	*16,900	*14,800	*14,800	*13,100	*13,100	*10,400	*10,400	*8,800	*8,800	40.98
20 ft	*26,900	*26,900	*21,300	*21,300	*17,700	*17,700	*15,100	*15,100	*13,200	*13,200	*11,600	10,900	*8,800	*8,800	42.81
15 ft	*30,300	*30,300	*22,800	*22,800	*18,500	*18,500	*15,500	*15,500	*13,300	13,200	*11,500	10,700	*9,000	*9,000	44.00
10 ft	*31,300	*31,300	*24,100	*24,100	*19,100	*19,100	*15,800	*15,800	*13,300	12,800	*11,400	10,500	*9,300	8,800	44.59
5 ft	*12,000	*12,000	*24,300	*24,300	*19,200	*19,200	*15,700	15,600	*13,100	12,500	*11,000	10,200	*9,000	8,700	44.59
0 ft	*10,400	*10,400	*23,200	*23,200	*18,500	*18,500	*15,100	*15,100	*12,500	12,200	*10,300	10,100	*8,300	*8,300	44.03
-5 ft	*11,400	*11,400	*20,800	*20,800	*17,000	*17,000	*13,900	*13,900	*11,400	*11,400	*9,100	*9,100	*7,500	*7,500	42.88
-10 ft			*17,300	*17,300	*14,600	*14,600	*12,000	*12,000	*9,700	*9,700					

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.


All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF


Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.


MH3032 Material Handler Specifications


Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height

 Load over front



















 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage
MH, HD Axles

Boom
8.5 m


Stick
6.4 m Drop Nose


Load point height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm					
																						
15 000 mm																		*4950	*4950	5770		
13 500 mm					*6200	*6200	*5050	*5050											*4150	*4150	8370	
12 000 mm								5800	*5050	4150									*3750	3300	10 110	
10 500 mm							*7000	5800	5850	4200									*3600	2600	11 380	
9000 mm							*7200	5750	5800	4150	4400	3100	3400	2350					3200	2200	12 340	
7500 mm					*8650	8000	*7450	5550	5650	4050	4300	3050	3400	2300					2850	1900	13 060	
6000 mm			*10 450	*10 450	*9300	7500	7300	5200	5400	3850	4200	2900	3300	2250	2650	1750			2600	1700	13 570	
4500 mm	*19 250	*19 250	*13 150	10 600	9750	6800	6850	4800	5150	3550	4000	2750	3200	2150	2600	1700			2450	1550	13 900	
3000 mm			13 800	9000	8900	6000	6400	4350	4850	3300	3800	2550	3050	2000	2500	1600			2350	1500	14 060	
1500 mm			*7900	7650	8100	5300	5900	3950	4550	3000	3650	2400	2950	1900	2450	1550			2300	1450	14 060	
0 mm	*2500	*2500	*5550	*5550	7550	4800	5550	3600	4350	2800	3500	2250	2850	1800	2400	1500			2300	1400	13 900	
-1500 mm	*3250	*3250	*5350	*5350	7250	4500	5350	3350	4150	2650	3350	2150	2800	1750	2350	1450			2350	1450	13 570	
-3000 mm			*5700	*5700	7100	4400	5200	3250	4050	2550	3300	2050	2750	1700					2450	1550	13 050	
-4500 mm							5200	3250	4050	2550	3300	2050										


Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height

 Load over front



















 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage
MH, HD Axles

Boom
27'11"

Stick
21'0" Drop Nose

Load point height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft					
																						
50 ft																			*11,400	*11,400	16.99	
45 ft					*13,200	*13,200	*10,400	*10,400												*9,300	*9,300	26.48
40 ft							*13,200	12,400	*10,500	8,900										*8,400	7,500	32.51
35 ft							*15,100	12,500	12,500	9,000	9,400	6,700								*7,900	5,900	36.94
30 ft							*15,700	12,300	12,400	8,900	9,400	6,700	7,300	5,000						7,200	4,900	40.22
25 ft					*18,800	17,200	*16,200	11,900	12,100	8,700	9,300	6,500	7,200	4,900						6,400	4,200	42.68
20 ft					*20,100	16,200	15,700	11,200	11,700	8,200	9,000	6,200	7,100	4,800						5,800	3,800	44.42
15 ft	*38,900	*38,900	*28,400	22,900	21,100	14,700	14,800	10,400	11,100	7,700	8,600	5,900	6,900	4,600	5,500	3,600			5,400	3,500	45.57	
10 ft			29,800	19,500	19,200	13,000	13,800	9,400	10,500	7,100	8,200	5,500	6,600	4,300	5,400	3,400			5,200	3,300	46.13	
5 ft			*18,800	16,600	17,500	11,500	12,800	8,500	9,800	6,500	7,800	5,100	6,400	4,100	5,300	3,300			5,000	3,200	46.16	
0 ft	*5,700	*5,700	*12,700	*12,700	16,300	10,400	12,000	7,800	9,300	6,000	7,500	4,800	6,200	3,900	5,100	3,200			5,000	3,100	45.60	
-5 ft	*7,300	*7,300	*12,200	*12,200	15,600	9,700	11,500	7,300	9,000	5,700	7,200	4,600	6,000	3,800					5,200	3,200	44.49	
-10 ft			*12,900	*12,900	15,300	9,500	11,200	7,000	8,800	5,500	7,100	4,500	6,000	3,700					5,500	3,400	42.75	
-15 ft							11,200	7,000	8,700	5,500	7,100	4,500										

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.



Undercarriage MH, HD Axles

Boom 8.5 m

Stick 6.4 m Drop Nose

Load point height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm																	*4950	*4950	
13 500 mm					*6200	*6200	*5050	*5050									*4150	*4150	8370
12 000 mm							*6200	*6200	*5050	*5050							*3750	*3750	10110
10 500 mm							*7000	*7000	*6150	*6150	*4800	*4800					*3600	*3600	11380
9000 mm							*7200	*7200	*6400	*6400	*5750	*5750	*4100	*4100			*3500	*3500	12340
7500 mm					*8650	*8650	*7450	*7450	*6550	*6550	*5850	*5850	*5200	5200			*3500	*3500	13060
6000 mm			*10 450	*10 450	*9300	*9300	*7800	*7800	*6750	*6750	*5900	*5900	*5250	5150	*3650	*3650	*3500	*3500	13570
4500 mm	*19 250	*19 250	*13 150	*13 150	*10 100	*10 100	*8250	*8250	*6950	*6950	*6050	*6050	*5250	5000	*4500	4150	*3600	*3600	13900
3000 mm			*14 700	*14 700	*10 800	*10 800	*8600	*8600	*7150	*7150	*6100	6000	*5250	4900	*4500	4050	*3750	*3750	14060
1500 mm			*7900	*7900	*11 150	*11 150	*8800	*8800	*7200	*7200	*6050	5800	*5150	4750	*4300	4000	*3950	3750	14060
0 mm	*2500	*2500	*5550	*5550	*10 950	*10 950	*8650	*8650	*7050	*7050	*5900	5650	*4900	4650	*4000	3950	*3700	*3700	13900
-1500 mm	*3250	*3250	*5350	*5350	*10 100	*10 100	*8150	*8150	*6650	*6650	*5500	*5500	*4500	*4500	*3500	*3500	*3450	*3450	13570
-3000 mm			*5700	*5700	*8750	*8750	*7200	*7200	*5950	*5950	*4900	*4900	*3850	*3850			*3050	*3050	13050
-4500 mm							*5900	*5900	*4900	*4900	*3900	*3900							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.



Undercarriage MH, HD Axles

Boom 27'11"

Stick 21'0" Drop Nose

Load point height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
50 ft																	*11,400	*11,400	
45 ft					*13,200	*13,200	*10,400	*10,400									*9,300	*9,300	26.48
40 ft							*13,200	*13,200	*10,500	*10,500							*8,400	*8,400	32.51
35 ft							*15,100	*15,100	*13,100	*13,100	*9,800	*9,800					*7,900	*7,900	36.94
30 ft							*15,700	*15,700	*14,000	*14,000	*12,500	*12,500	*8,000	*8,000			*7,700	*7,700	40.22
25 ft					*18,800	*18,800	*16,200	*16,200	*14,200	*14,200	*12,700	*12,700	*10,800	*10,800			*7,700	*7,700	42.68
20 ft					*20,100	*20,100	*16,900	*16,900	*14,600	*14,600	*12,900	*12,900	*11,400	11,000			*7,700	*7,700	44.42
15 ft	*38,900	*38,900	*28,400	*28,400	*21,900	*21,900	*17,900	*17,900	*15,100	*15,100	*13,100	*13,100	*11,400	10,800	*8,800	*8,800	*7,900	*7,900	45.57
10 ft			*31,700	*31,700	*23,400	*23,400	*18,600	*18,600	*15,500	*15,500	*13,200	13,000	*11,300	10,500	*9,600	8,700	*8,200	*8,200	46.13
5 ft			*18,800	*18,800	*24,200	*24,200	*19,000	*19,000	*15,600	*15,600	*13,100	12,500	*11,100	10,300	*9,200	8,600	*8,700	8,300	46.16
0 ft	*5,700	*5,700	*12,700	*12,700	*23,700	*23,700	*18,700	*18,700	*15,300	15,200	*12,700	12,200	*10,600	10,000	*8,500	8,500	*8,200	*8,200	45.60
-5 ft	*7,300	*7,300	*12,200	*12,200	*21,900	*21,900	*17,600	*17,600	*14,400	*14,400	*11,900	*11,900	*9,700	*9,700			*7,500	*7,500	44.49
-10 ft			*12,900	*12,900	*19,000	*19,000	*15,600	*15,600	*12,800	*12,800	*10,400	*10,400	*8,200	*8,200			*6,700	*6,700	42.75
-15 ft							*12,700	*12,700	*10,400	*10,400	*8,300	*8,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.



Undercarriage MH, HD Axles Boom 8.5 m Stick 6.4 m Straight

Load Point Height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
15 000 mm																	*4450	*4450	5770
13 500 mm					*5700	*5700	*4600	*4600									*3650	*3650	8370
12 000 mm							*5700	5400	*4600	3750							*3300	2850	10 110
10 500 mm							*6500	5400	5400	3800	3950	2650					*3100	2150	11 380
9000 mm							*6700	5300	5350	3750	3950	2650	2950	1850			2750	1700	12 340
7500 mm					*8150	7600	*6900	5100	5200	3600	3850	2550	2900	1850			2400	1450	13 060
6000 mm			*10 000	*10 000	*8750	7050	6850	4750	4950	3350	3700	2450	2850	1750	2150	1250	2150	1200	13 570
4500 mm	*18 750	*18 750	*12 600	10150	9300	6300	6400	4350	4650	3100	3550	2250	2700	1650	2100	1200	1950	1100	13 900
3000 mm			13 250	8400	8400	5500	5900	3850	4350	2800	3350	2050	2600	1550	2050	1100	1850	1000	14 060
1500 mm			*7450	7000	7550	4750	5400	3400	4050	2500	3150	1900	2450	1400	1950	1050	1800	950	14 060
0 mm	*2000	*2000	*5050	*5050	6950	4200	5000	3050	3800	2250	2950	1700	2350	1300	1900	1000	1800	950	13 900
-1500 mm	*2750	*2750	*4900	*4900	6600	3900	4750	2800	3600	2100	2850	1600	2300	1250	1850	950	1850	950	13 570
-3000 mm			*5250	*5250	6500	3750	4650	2700	3500	2000	2800	1550	2250	1200			1950	1050	13 050
-4500 mm							4600	2650	3500	2000	2800	1550							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.



Undercarriage MH, HD Axles Boom 27'11" Stick 21'0" Straight

Load Point Height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	
50 ft																	*10,400	*10,400	16.99
45 ft					*12,100	*12,100	*9,300	*9,300									*8,200	*8,200	26.48
40 ft							*12,200	11,500	*9,400	7,900							*7,300	6,500	32.51
35 ft							*14,000	11,600	11,500	8,100	8,400	5,600					*6,900	4,900	36.94
30 ft							*14,600	11,400	11,400	8,000	8,400	5,600	6,200	3,900			6,200	3,900	40.22
25 ft					*17,700	16,400	*15,000	11,000	11,100	7,700	8,300	5,500	6,200	3,900			5,300	3,200	42.68
20 ft					*19,000	15,200	14,800	10,200	10,700	7,200	8,000	5,200	6,000	3,700			4,700	2,700	44.42
15 ft	*37,900	*37,900	*27,200	21,900	20,100	13,700	13,800	9,300	10,000	6,600	7,600	4,800	5,800	3,500	4,500	2,500	4,300	2,400	45.57
10 ft			28,600	18,300	18,100	11,900	12,700	8,300	9,400	6,000	7,100	4,400	5,500	3,300	4,300	2,400	4,100	2,200	46.13
5 ft			*17,700	15,100	16,300	10,200	11,600	7,300	8,700	5,400	6,700	4,000	5,300	3,000	4,200	2,200	4,000	2,100	46.16
0 ft	*4,600	*4,600	*11,700	*11,700	15,000	9,000	10,800	6,500	8,200	4,900	6,400	3,700	5,000	2,800	4,100	2,100	4,000	2,000	45.60
-5 ft	*6,200	*6,200	*11,100	*11,100	14,200	8,400	10,200	6,000	7,800	4,500	6,100	3,400	4,900	2,600			4,100	2,100	44.49
-10 ft			*11,800	*11,800	14,000	8,100	10,000	5,800	7,600	4,300	6,000	3,300	4,800	2,600			4,400	2,300	42.75
-15 ft							9,900	5,700	7,500	4,300	6,000	3,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.



Undercarriage MH, HD Axles

Boom 8.5 m

Stick 6.4 m Straight

Load point height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm																	*4450	*4450	5770
13 500 mm					*5700	*5700	*4600	*4600									*3650	*3650	8370
12 000 mm							*5700	*5700	*4600	*4600							*3300	*3300	10 110
10 500 mm							*6500	*6500	*5650	*5650	*4300	*4300					*3100	*3100	11 380
9000 mm							*6700	*6700	*5900	*5900	*5250	*5250	*3600	*3600			*3000	*3000	12 340
7500 mm					*8150	*8150	*6900	*6900	*6000	*6000	*5300	*5300	*4650	*4650			*3000	*3000	13 060
6000 mm			*10 000	*10 000	*8750	*8750	*7250	*7250	*6200	*6200	*5350	*5350	*4700	4650	*3200	*3200	*3050	*3050	13 570
4500 mm	*18 750	*18 750	*12 600	*12 600	*9550	*9550	*7650	*7650	*6400	*6400	*5450	*5450	*4700	4550	*4000	3650	*3100	*3100	13 900
3000 mm			*14 050	*14 050	*10 200	*10 200	*8000	*8000	*6550	*6550	*5500	*5500	*4650	4400	*3900	3550	*3250	*3250	14 060
1500 mm			*7450	*7450	*10 500	*10 500	*8150	*8150	*6600	*6600	*5450	5300	*4550	4250	*3750	3500	*3400	3250	14 060
0 mm	*2000	*2000	*5050	*5050	*10 250	*10 250	*8000	*8000	*6450	*6450	*5300	5150	*4350	4150	*3400	*3400	*3150	*3150	13 900
-1500 mm	*2750	*2750	*4900	*4900	*9400	*9400	*7450	*7450	*6050	*6050	*4900	*4900	*3950	*3950	*2900	*2900	*2850	*2850	13 570
-3000 mm			*5250	*5250	*8050	*8050	*6550	*6550	*5300	*5300	*4250	*4250	*3250	*3250			*2450	*2450	13 050
-4500 mm							*5250	*5250	*4250	*4250	*3300	*3300							

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.



Undercarriage MH, HD Axles

Boom 27'11"

Stick 21'0" Straight

Load point height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
50 ft																	*10,400	*10,400	16.99
45 ft					*12,100	*12,100	*9,300	*9,300									*8,200	*8,200	26.48
40 ft							*12,200	*12,200	*9,400	*9,400							*7,300	*7,300	32.51
35 ft							*14,000	*14,000	*12,000	*12,000	*8,700	*8,700					*6,900	*6,900	36.94
30 ft							*14,600	*14,600	*12,800	*12,800	*11,400	*11,400	*6,900	*6,900			*6,700	*6,700	40.22
25 ft					*17,700	*17,700	*15,000	*15,000	*13,000	*13,000	*11,500	*11,500	*9,700	*9,700			*6,600	*6,600	42.68
20 ft					*19,000	*19,000	*15,800	*15,800	*13,400	*13,400	*11,600	*11,600	*10,100	10,000			*6,700	*6,700	44.42
15 ft	*37,900	*37,900	*27,200	*27,200	*20,600	*20,600	*16,600	*16,600	*13,900	*13,900	*11,800	*11,800	*10,200	9,700	*7,800	*7,800	*6,900	*6,900	45.57
10 ft			*30,300	*30,300	*22,100	*22,100	*17,300	*17,300	*14,200	*14,200	*11,900	11,900	*10,100	9,500	*8,400	7,700	*7,200	*7,200	46.13
5 ft			*17,700	*17,700	*22,800	*22,800	*17,700	*17,700	*14,300	*14,300	*11,800	11,400	*9,800	9,200	*8,000	7,500	*7,500	7,200	46.16
0 ft	*4,600	*4,600	*11,700	*11,700	*22,200	*22,200	*17,300	*17,300	*13,900	*13,900	*11,400	11,100	*9,300	8,900	*7,200	*7,200	*6,900	*6,900	45.60
-5 ft	*6,200	*6,200	*11,100	*11,100	*20,400	*20,400	*16,200	*16,200	*13,000	*13,000	*10,500	*10,500	*8,400	*8,400			*6,300	*6,300	44.49
-10 ft			*11,800	*11,800	*17,400	*17,400	*14,100	*14,100	*11,400	*11,400	*9,100	*9,100	*6,900	*6,900			*5,400	*5,400	42.75
-15 ft							*11,200	*11,200	*9,100	*9,100	*6,900	*6,900							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF


Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.


MH3032 Material Handler Specifications


Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

 Load point height

 Load over front



















 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 9.3 m


Stick 5.7 m Drop Nose


Load point height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		Load at maximum reach (stick nose/bucket pin)		mm	
																				
15 000 mm					*5950	*5950												*5400	*5400	6470
13 500 mm					*7350	*7350	*6250	5500										*4650	4050	8870
12 000 mm					*8150	*8150	*7400	5600	5650	4050	4250	2950						4200	2950	10 520
10 500 mm					*8650	8100	*7400	5600	5650	4050	4300	3000						3450	2350	11 750
9000 mm					*8900	7850	*7550	5450	5550	3950	4250	3000	3300	2250				2950	2000	12 680
7500 mm				*11 300	*11 300	*9350	7400	7250	5150	5400	3800	4150	2900	3250	2200			2650	1700	13 380
6000 mm	*18 500	*18 500	*13 050	10 600	9750	6800	6850	4800	5150	3550	4000	2750	3150	2100	2550	1650	2400	1550	13 880	
4500 mm			13 750	8900	8900	6000	6350	4350	4850	3300	3800	2550	3050	2000	2500	1600	2250	1400	14 210	
3000 mm					8000	5200	5900	3900	4550	3000	3600	2350	2950	1900	2400	1500	2150	1350	14 360	
1500 mm					7350	4600	5500	3500	4300	2750	3450	2200	2800	1800	2350	1450	2150	1300	14 360	
0 mm			*2900	*2900	*6750	4300	5200	3250	4100	2550	3300	2050	2750	1700	2300	1400	2150	1300	14 200	
-1500 mm			*3700	*3700	*6650	4150	5050	3100	3950	2450	3200	2000	2700	1650	2300	1400	2200	1350		
-3000 mm					6900	4150	5000	3050	3900	2400	3200	1950	2650	1650						


Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

 Load point height

 Load over front



















 Load over side

 Load at maximum reach (stick nose/bucket pin)

Undercarriage MH, HD Axles

Boom 30'6"

Stick 18'8" Drop Nose

Load point height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		Load at maximum reach (stick nose/bucket pin)		ft	
																				
50 ft			*15,500	*15,500														*12,400	*12,400	19.55
45 ft					*15,800	*15,800	*13,100	11,700										*10,400	9,400	28.15
40 ft					*17,700	17,500	*15,900	12,100	12,100	8,700								*9,500	6,700	33.92
35 ft					*18,800	17,400	*16,100	12,000	12,200	8,700	9,200	6,400						7,800	5,300	38.16
30 ft					*19,300	16,900	16,300	11,700	12,000	8,500	9,100	6,400	7,100	4,800				6,600	4,400	41.34
25 ft			*24,600	*24,600	*20,300	16,000	15,700	11,200	11,600	8,200	8,900	6,200	7,000	4,700				5,900	3,800	43.73
20 ft	*37,000	*37,000	*28,200	22,900	21,100	14,700	14,800	10,400	11,100	7,700	8,600	5,900	6,800	4,500	5,500	3,500	5,300	3,400	45.47	
15 ft			29,700	19,400	19,200	13,000	13,800	9,400	10,400	7,100	8,200	5,500	6,600	4,300	5,300	3,400	5,000	3,100	46.56	
10 ft					17,300	11,300	12,700	8,400	9,800	6,500	7,800	5,100	6,300	4,100	5,200	3,300	4,800	3,000	47.11	
5 ft					15,900	10,000	11,800	7,600	9,200	6,000	7,400	4,700	6,100	3,800	5,100	3,100	4,700	2,900	47.11	
0 ft			*6,600	*6,600	15,100	9,300	11,200	7,000	8,800	5,500	7,100	4,500	5,900	3,600	5,000	3,000	4,700	2,900	46.59	
-5 ft			*8,400	*8,400	14,800	9,000	10,900	6,700	8,500	5,300	6,900	4,300	5,800	3,500	4,900	3,000	4,900	2,900	45.51	
-10 ft					14,800	9,000	10,800	6,600	8,400	5,200	6,900	4,200	5,700	3,500						

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic liftcapacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered



















Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

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

Undercarriage MH, HD Axles

Boom 9.3 m

Stick 5.7 m Drop Nose

Load point height	3000 mm		4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
																			
15 000 mm					*5950	*5950											*5400	*5400	6470
13 500 mm					*7350	*7350	*6250	*6250									*4650	*4650	8870
12 000 mm					*8150	*8150	*7400	*7400	*6300	*6300	*4300	*4300					*4300	*4300	10 520
10 500 mm					*8650	*8650	*7400	*7400	*6500	*6500	*5800	*5800					*4100	*4100	11 750
9000 mm					*8900	*8900	*7550	*7550	*6550	*6550	*5800	*5800	*5200	5150			*4000	*4000	12 680
7500 mm			*11 300	*11 300	*9350	*9350	*7800	*7800	*6700	*6700	*5850	*5850	*5200	5100			*4000	*4000	13 380
6000 mm	*18 500	*18 500	*13 050	*13 050	*10 000	*10 000	*8150	*8150	*6850	*6850	*5950	*5950	*5200	5000	*4550	4100	*4050	3900	13 880
4500 mm			*14 450	*14 450	*10 650	*10 650	*8450	*8450	*7050	*7050	*6000	*6000	*5200	4850	*4500	4050	*4100	3700	14 210
3000 mm					*11 000	*11 000	*8650	*8650	*7100	*7100	*6000	5800	*5150	4750	*4350	3950	*3900	3600	14 360
1500 mm					*8700	*8700	*8550	*8550	*7000	7000	*5900	5600	*5000	4600	*4150	3900	*3650	3550	14 360
0 mm			*2900	*2900	*6750	*6750	*8150	*8150	*6700	*6700	*5600	5450	*4700	4500	*3850	3850	*3350	*3350	14 200
-1500 mm			*3700	*3700	*6650	*6650	*7350	*7350	*6150	*6150	*5150	*5150	*4250	*4250	*3300	*3300	*3050	*3050	13 880
-3000 mm					*7100	*7100	*6250	*6250	*5350	*5350	*4450	*4450	*3550	*3550					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered



















Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

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

Undercarriage MH, HD Axles

Boom 30'6"

Stick 18'8" Drop Nose

Load point height	10 ft		15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
																			
50 ft			*15,500	*15,500													*12,400	*12,400	19.55
45 ft					*15,800	*15,800	*13,100	*13,100									*10,400	*10,400	28.15
40 ft					*17,700	*17,700	*15,900	*15,900	*13,200	*13,200							*9,500	*9,500	33.92
35 ft					*18,800	*18,800	*16,100	*16,100	*14,100	*14,100	*12,600	*12,600					*9,100	*9,100	38.16
30 ft					*19,300	*19,300	*16,400	*16,400	*14,300	*14,300	*12,600	*12,600	*10,700	*10,700			*8,800	*8,800	41.34
25 ft			*24,600	*24,600	*20,300	*20,300	*16,900	*16,900	*14,500	*14,500	*12,700	*12,700	*11,300	10,900			*8,800	*8,800	43.73
20 ft	*37,000	*37,000	*28,200	*28,200	*21,600	*21,600	*17,600	*17,600	*14,900	*14,900	*12,900	*12,900	*11,300	10,700	*9,700	8,800	*8,900	8,600	45.47
15 ft			*31,200	*31,200	*23,000	*23,000	*18,300	*18,300	*15,200	*15,200	*13,000	12,900	*11,200	10,500	*9,700	8,700	*9,100	8,200	46.56
10 ft					*23,800	*23,800	*18,700	*18,700	*15,400	*15,400	*13,000	12,500	*11,100	10,200	*9,400	8,500	*8,600	7,900	47.11
5 ft					*20,800	*20,800	*18,600	*18,600	*15,200	15,100	*12,700	12,100	*10,800	10,000	*8,900	8,400	*8,000	7,800	47.11
0 ft			*6,600	*6,600	*15,800	*15,800	*17,700	*17,700	*14,600	*14,600	*12,100	11,800	*10,100	9,800	*8,200	*8,200	*7,400	*7,400	46.59
-5 ft			*8,400	*8,400	*15,200	*15,200	*16,000	*16,000	*13,300	*13,300	*11,100	*11,100	*9,100	*9,100	*6,900	*6,900	*6,700	*6,700	45.51
-10 ft					*15,400	*15,400	*13,600	*13,600	*11,500	*11,500	*9,500	*9,500	*7,600	*7,600					

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

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

Undercarriage MH, HD Axles

Boom 9.3 m

Stick 6.4 m Drop Nose

Load point height	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm			*5700	*5700											*4400	*4400	7460
13 500 mm					*5800	5750	*4600	4100							*3900	3600	9610
12 000 mm					*6650	5850	*5850	4200	4400	3100					*3650	2700	11 150
10 500 mm					*7050	5800	5800	4200	4400	3150	3400	2350			3250	2200	12 310
9000 mm					*7200	5650	5700	4100	4350	3100	3400	2350			2800	1850	13 210
7500 mm			*8900	7750	7500	5350	5500	3950	4250	2950	3350	2250	2650	1750	2500	1600	13 880
6000 mm	*12 250	11 250	*9550	7150	7050	5000	5250	3700	4050	2800	3200	2150	2600	1700	2300	1450	14 360
4500 mm	*13 750	9650	9250	6350	6550	4500	4950	3400	3850	2600	3100	2050	2500	1600	2150	1350	14 670
3000 mm	*8600	7900	8300	5500	6050	4050	4650	3100	3650	2400	2950	1900	2400	1500	2050	1250	14 830
1500 mm	*4050	*4050	7550	4800	5600	3600	4350	2800	3450	2200	2850	1800	2350	1450	2000	1200	14 830
0 mm	*3700	*3700	7050	4350	5250	3300	4100	2600	3300	2050	2700	1700	2250	1400	2000	1200	14 670
-1500 mm	*4050	*4050	6800	4100	5000	3100	3950	2400	3200	1950	2650	1600	2250	1350	2050	1200	14 360
-3000 mm			6750	4050	4900	3000	3850	2350	3100	1900	2600	1550	2200	1300	2150	1300	13 870
-4500 mm					4900	3000	3850	2350	3100	1900	2600	1550					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Raised

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

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

Undercarriage MH, HD Axles

Boom 30'6"

Stick 21'0" Drop Nose

Load point height	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
50 ft			*11,900	*11,900											*10,000	*10,000	23.03
45 ft					*12,300	12,300	*9,300	8,700							*8,800	8400	30.64
40 ft					*14,400	12,500	*12,300	9,000	*9,100	6,600					*8,100	6200	36.02
35 ft					*15,400	12,400	12,500	9,000	9,500	6,700	7,300	5,000			7,300	4,900	40.03
30 ft					*15,700	12,100	12,300	8,800	9,400	6,600	7,300	5,000			6,200	4,100	43.08
25 ft			*19,300	16,700	16,100	11,600	11,900	8,500	9,100	6,400	7,100	4,800	5,600	3,700	5,500	3,600	45.37
20 ft	*26,400	24,400	*20,600	15,400	15,300	10,800	11,300	7,900	8,800	6,000	6,900	4,600	5,500	3,600	5,100	3,200	47.05
15 ft	*29,700	21,000	20,000	13,700	14,200	9,800	10,700	7,300	8,300	5,600	6,700	4,400	5,400	3,400	4,700	2,900	48.10
10 ft	*21,500	17,200	18,000	11,900	13,100	8,700	10,000	6,700	7,900	5,200	6,400	4,100	5,200	3,300	4,500	2,800	48.65
5 ft	*9,500	*9,500	16,300	10,400	12,000	7,800	9,300	6,000	7,500	4,800	6,100	3,800	5,000	3,100	4,400	2,600	48.65
0 ft	*8,400	*8,400	15,200	9,400	11,300	7,100	8,800	5,600	7,100	4,400	5,800	3,600	4,900	3,000	4,400	2,600	48.13
-5 ft	*9,100	*9,100	14,700	8,900	10,800	6,600	8,500	5,200	6,900	4,200	5,700	3,400	4,800	2,900	4,500	2,700	47.08
-10 ft			14,500	8,700	10,600	6,500	8,300	5,000	6,700	4,100	5,600	3,400	4,800	2,900	4,700	2,800	45.47
-15 ft					10,600	6,500	8,300	5,000	6,700	4,100							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in kg.

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

Undercarriage MH, HD Axles

Boom 9.3 m

Stick 6.4 m Drop Nose

Load point height	4500 mm		6000 mm		7500 mm		9000 mm		10 500 mm		12 000 mm		13 500 mm		mm		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
15 000 mm			*5700	*5700											*4400	*4400	7460
13 500 mm					*5800	*5800	*4600	*4600							*3900	*3900	9610
12 000 mm					*6650	*6650	*5850	*5850	*4500	*4500					*3650	*3650	11 150
10 500 mm					*7050	*7050	*6250	*6250	*5600	*5600	*4050	*4050			*3550	*3550	12 310
9000 mm					*7200	*7200	*6300	*6300	*5650	*5650	*5050	*5050			*3500	*3500	13 210
7500 mm			*8900	*8900	*7500	*7500	*6500	*6500	*5700	*5700	*5050	*5050	*4200	*4200	*3500	*3500	13880
6000 mm	*12 250	*12 250	*9550	*9550	*7850	*7850	*6700	*6700	*5800	*5800	*5100	5050	*4500	4150	*3550	*3550	14 360
4500 mm	*13 750	*13 750	*10 250	*10 250	*8250	*8250	*6900	*6900	*5900	*5900	*5150	4900	*4450	4050	*3650	3500	14 670
3000 mm	*8600	*8600	*10 800	*10 800	*8500	*8500	*7000	*7000	*5950	5850	*5100	4750	*4400	3950	*3750	3400	14 830
1500 mm	*4050	*4050	*10 850	*10 850	*8550	*8550	*7000	*7000	*5900	5650	*5000	4650	*4250	3900	*3550	3350	14 830
0 mm	*3700	*3700	*8150	*8150	*8300	*8300	*6800	*6800	*5700	5450	*4800	4500	*4000	3800	*3350	*3350	14 670
-1500 mm	*4050	*4050	*7150	*7150	*7700	*7700	*6350	*6350	*5300	*5300	*4450	4450	*3600	*3600	*3050	*3050	14 360
-3000 mm			*7100	*7100	*6750	*6750	*5650	*5650	*4750	*4750	*3900	*3900	*3000	*3000	*2700	*2700	13 870
-4500 mm					*5500	*5500	*4700	*4700	*3900	*3900	*3050	*3050					

Lift Capacities – Counterweight: 6000 kg (13,250 lb) Stabilizers: Lowered

Work tool: none, hydraulic cab riser, solid tires, all lift capacity values are in lb.

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

Undercarriage MH, HD Axles

Boom 30'6"

Stick 21'0" Drop Nose

Load point height	15 ft		20 ft		25 ft		30 ft		35 ft		40 ft		45 ft		ft		
	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	Load over front	Load over side	
50 ft			*11,900	*11,900											*10,000	*10,000	23.03
45 ft					*12,300	*12,300	*9,300	*9,300							*8,800	*8,800	30.64
40 ft					*14,400	*14,400	*12,300	*12,300	*9,100	*9,100					*8,100	*8,100	36.02
35 ft					*15,400	*15,400	*13,600	*13,600	*12,000	*12,000	*7,900	*7,900			*7,800	*7,800	40.03
30 ft					*15,700	*15,700	*13,800	*13,800	*12,200	*12,200	*10,800	*10,800			*7,700	*7,700	43.08
25 ft			*19,300	*19,300	*16,200	*16,200	*14,100	*14,100	*12,400	*12,400	*11,000	*11,000	*8,200	*8,200	*7,700	*7,700	45.37
20 ft	*26,400	*26,400	*20,600	*20,600	*17,000	*17,000	*14,500	*14,500	*12,600	*12,600	*11,100	10,900	*9,700	8,900	*7,800	*7,800	47.05
15 ft	*29,700	*29,700	*22,200	*22,200	*17,800	*17,800	*14,900	*14,900	*12,800	*12,800	*11,100	10,600	*9,700	8,700	*8,000	7,800	48.10
10 ft	*21,500	*21,500	*23,400	*23,400	*18,400	*18,400	*15,200	*15,200	*12,900	*12,600	*11,100	10,300	*9,500	8,500	*8,300	7,500	48.65
5 ft	*9,500	*9,500	*23,600	*23,600	*18,500	*18,500	*15,200	*15,200	*12,700	*12,200	*10,800	10,000	*9,200	8,300	*7,900	7,400	48.65
0 ft	*8,400	*8,400	*18,900	*18,900	*18,000	*18,000	*14,700	14,700	*12,300	11,800	*10,400	9,700	*8,600	8,200	*7,300	*7,300	48.13
-5 ft	*9,100	*9,100	*16,400	*16,400	*16,700	*16,700	*13,800	*13,800	*11,500	*11,500	*9,500	*9,500	*7,600	*7,600	*6,700	*6,700	47.08
-10 ft			*16,200	*16,200	*14,600	*14,600	*12,200	*12,200	*10,200	*10,200	*8,300	*8,300	*6,200	2,900	*6,000	*6,000	45.47
-15 ft					*11,800	*11,800	*10,000	*10,000	*8,300	*8,300							

* = Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.

Oscillating Axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities.

All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function OFF

Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the centre line of the bucket pivot mounting pin on the stick.

MH3032 Material Handler Specifications

Attachments Offering Guide – Africa, Middle East, Eurasia

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> No Match	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)	<input checked="" type="checkbox"/> 900 kg/m ³ (1,500 lb/yd ³)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		MH, HD Axles				
Counterweight		6.0 mt (13,250 lb)				
Boom Type		MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 9.30 m (30'6")	MH 9.30 m (30'6")
Stick Length		5.70 m (18'8")	6.40 m (21'0") Straight	6.40 m (21'0")	5.70 m (18'8")	6.40 m (21'0")
Multi-Processors	MP318		✓			
Demolition and Sorting Grapples	G324		✓			
	G324 WH-1500		✓			
	G324 WH-1800		✓			
	G324 WH-2000		✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top		✓			
Orange Peel Grapples	GSH425-750	●	●	●	●	●
	GSH425-950	●	○	●	●	●
	GSH425-1150	●	○	○	○	○
	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	◇	◇	◇	◇	◇
Clamshell Grapples	CTV15-1000	●	●	●	●	●
	CTV15-1200	●	○	●	●	○
	CTV15-1500	○	◆	○	○	○
	CTV15-1700	○	◆	○	◆	◆
	CTV15-1900	○		◆	◆	◆
	CTV15-2300	◆				
	CTV20-1300	○	◆	○	○	○
	CTV20-1500	○		○	◆	◆
	CTV20-1700	○		◆	◆	
	CTV20-1900	◆				

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MH3032 Material Handler Specifications

Attachments Offering Guide – Africa, Middle East, Eurasia *(continued)*

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

Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

CW-45s DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Demolition and Sorting Grapples	G324	✓

BOOM MOUNT ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Mobile Scrap and Demolition Shears	S3050 Flat Top	✓

MH3032 Material Handler Specifications

Attachments Offering Guide – South America

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

<input checked="" type="checkbox"/> Match	<input type="checkbox"/> No Match	<input checked="" type="checkbox"/> 1800 kg/m ³ (3,000 lb/yd ³)	<input type="checkbox"/> 1200 kg/m ³ (2,000 lb/yd ³)	<input checked="" type="checkbox"/> 900 kg/m ³ (1,500 lb/yd ³)	<input type="checkbox"/> 600 kg/m ³ (1,000 lb/yd ³)
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PIN-ON ATTACHMENTS

Undercarriage		MH, HD Axles				
Counterweight		6.0 mt (13,250 lb)				
Boom Type		MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 8.50 m (27'11")	MH 9.30 m (30'6")	MH 9.30 m (30'6")
Stick Length		5.70 m (18'8")	6.40 m (21'0") Straight	6.40 m (21'0")	5.70 m (18'8")	6.40 m (21'0")
Multi-Processors	MP318 Shear Jaw		✓			
Demolition and Sorting Grapples	G324		✓			
Mobile Scrap and Demolition Shears	S3025 Flat Top		✓			
Orange Peel Grapples	GSH425-750	●	●	●	●	●
	GSH425-950	●	○	●	●	●
	GSH425-1150	●	○	○	○	○
	GSH525-750	●	○	●	●	●
	GSH525-950	●	○	●	○	○
	GSH525-1150	○	◆	○	○	○
Clamshell Grapples	CTV15-1900	◆		◆	◆	
	CTV20-1500	○		◆	◆	◆

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles	
Counterweight		6.0 mt (13,250 lb)	
Boom Type		MH 8.50 m (27'11")	
Stick Length		6.40 m (21'0") Straight	
Multi-Processors	MP318 Shear Jaw		✓
Demolition and Sorting Grapples	G324		✓

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MH3032 Material Handler Specifications

Attachments Offering Guide – South America *(continued)*

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

Match

CW-45 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Demolition and Sorting Grapples	G324	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

S80 DEDICATED COUPLER ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Multi-Processors	MP318 Shear Jaw	✓
Demolition and Sorting Grapples	G324	✓

BOOM MOUNT ATTACHMENTS

Undercarriage		MH, HD Axles
Counterweight		6.0 mt (13,250 lb)
Boom Type		MH 8.50 m (27'11")
Stick Length		6.40 m (21'0") Straight
Mobile Scrap and Demolition Shears	S3050 Flat Top	✓

MH3032 Standard and Optional Equipment

Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
BOOM, STICKS AND LINKAGES			ENGINE		
8.5 m (27'11") Straight Material Handling Boom		✓	Cat C7.1 Turbo diesel engine	✓	
9.3 m (30'6") Straight Material Handling Boom		✓	Automatic engine speed control	✓	
6.4 m (21'0") Drop Nose Stick		✓	Three selectable modes: Power, Smart, Eco	✓	
6.4 m (21'0") Straight Stick		✓	Remote disable	✓	
5.7 m (18'8") Drop Nose Stick		✓	Up to 3000 m (9,840 ft) altitude capability without engine power de-rate	✓	
CAT TECHNOLOGY			Cold starting capability for -18° C (0° F)	✓	
Cat Equipment Management:			Cold starting capability for -32° C (-25° F)		✓
- VisionLink®	✓ ¹		Cold start, block heater (120V)		✓
- Remote Flash	✓		Cold start, ether start		✓
- Remote Troubleshoot	✓		Double element air filter with integrated pre-cleaner	✓	
Cat Payload:			Electric fuel priming pump	✓	
- On-the-go weighing		✓	Two-stage fuel filtration system with water separator and indicator	✓	
- Semiautomatic calibration		✓	Secure start with Personal Identification Number (PIN) code	✓	
- Payload/cycle information		✓	On-demand hydraulic cooling fan with auto-reverse function	✓	
ELECTRICAL			Cooling door with integrated fine mesh screen		✓
LED lights on boom, stick and cab	✓		Biodiesel capability up to B20	✓	
LED lights on chassis (Left Hand [LH], Right Hand [RH]) and counterweight		✓	HYDRAULICS		
Programmable time-delay LED working lights	✓		Boom and stick lowering control check valves	✓	
Maintenance free batteries	✓		Boom and stick regeneration circuits	✓	
Centralized electrical disconnect switch	✓		Electronic main control valve	✓	
Electrical refueling pump with auto shutoff		✓	Automatic hydraulic oil warm up	✓	
Generator, 20 kW with wiring to stick nose		✓	High performance hydraulic return filter	✓	
			Medium pressure (grapple rotate) and cab riser valve	✓	
			Capability of installing additional generator pump and circuit	✓	
			Fine swing capability		✓ ³
			SmartBoom™	✓ ²	
			Joystick steering	✓	
			Automatic swing parking brake	✓	
			Adjustable hydraulic aggressiveness	✓	
			Pattern changer	✓	

¹Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.

²Not compatible with 2D E-fence, Cab avoidance, or Cat Payload.

³South America only.

(continued on next page)

MH3032 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
SAFETY AND SECURITY			UNDERCARRIAGE AND STRUCTURES		
Rear and right-side-view cameras	✓		All wheel drive	✓	
Caterpillar One Key Security System	✓		Automatic brake/axle lock	✓	
Travel alarm	✓		Creep speed	✓	
Signal/warning horn	✓		Electronic swing and travel lock	✓	
Rotating beacon on cab		✓	Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Lockable external tool/storage box	✓		Oscillating front axle, lockable, with remote greasing point	✓	
Neutral lever (lock out) for all controls	✓		Tires, 12.00-20, dual, solid rubber		✓
Ground-level accessible secondary engine shutoff switch in cab	✓		Access steps (Right Hand Side [RHS], Left Hand Side [LHS]) and one tool box at the undercarriage	✓	
Anti-skid plate and countersunk bolts on service platform	✓		Access steps front and rear at the undercarriage		✓
2D E-fence		✓	Two speed hydrostatic transmission	✓	
Cab Avoidance		✓	Counterweight 6000 kg (13,250 lb)	✓	
Swing Assist		✓			
SERVICE AND MAINTENANCE					
Scheduled Oil Sampling (S·O·S SM) ports	✓				
QuickEvac TM maintenance ready	✓				
Grouped location for engine oil and fuel filters	✓				
Automatic lubrication system for implement and swing system		✓			

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Seat belt, retractable (75 mm/3" width)
- Dual exit rear window kit (Canadian regulation)

ELECTRICAL

- Jump start wiring

GUARDS

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

MH3032 Cab Options

Cab Options

	Comfort	Deluxe
Advanced sound suppressed TOPS certified cab	●	●
Seat with mechanical suspension	●	X
Heated seat with air suspension	X	●
Height-adjustable seat console	●	●
Tilt-up console on left seat side	●	●
51 mm (2") orange seat belt	●	●
Unfastened seat belt warning	X	●
Automatic bi-level air conditioner	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
360 degree visibility capability	X	●
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 (AUX) ports	X	●
Two 12V DC outlets	X	●
Two 24V DC outlets	●	X
Document, rear and overhead storage	X	●
Cup and bottle holders	●	●
Fixed one-piece front window and skylight (P5A classified)	●	○
Fixed two-piece front window and skylight (P8B classified)	X	○
Parallel wiper with washer	●	●
LED dome light	●	●
Floor welcome light	X	●
Roller front sunscreen	●	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Bluetooth® receiver	X	●
2-Slider joysticks	●	●
Operator Protective Guards (OPG)	○	○
Skylight wiper with washer	○	○
Rain visor (not compatible with OPG)	X	●

- Standard
- Optional
- X Not available

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 meets U.S. EPA Tier 3 and EU Stage IIIA equivalent emission standards
 - Cat engines are compatible with diesel fuel blended with the following lower-carbon intensity fuels** up to:
 - ✓ 100% biodiesel FAME (fatty acid methyl ester)*
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details.
- *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 (1.892 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

With cooling fan speed at maximum value:

ISO 6396:2008 internal	70 dB(A)
ISO 6395:2008 external	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 hydraulic systems help balance power and efficiency
 - Smart mode matches machine power to digging requirements automatically
 - Eco mode helps minimize fuel consumption for light applications
 - One-touch low idle with automatic engine speed control
 - Extended maintenance intervals help reduce fluid and filter consumption
 - Remote Flash and Remote Troubleshoot



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

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S Am, SE Asia)

