



# MH3032

## Material Handler

**The Cat® MH3032 is a versatile, productive solution in the 30 mt size class. A waste blade and generator option further expand versatility in scrap, waste, and recycling applications. The MH3032 maximizes performance with its configuration options and industry leading technologies including Payload and E-Fence.**

### RELIABILITY AND DURABILITY YOU CAN COUNT ON

- Count on your machine to withstand wear throughout the years. Boom, sticks, and other high-stress areas are reinforced with thick multi-plate fabrications, castings, and forgings to ensure quality and reliability.
- The upper frame uses specially designed mountings to support the heavy-duty cab and the lower frame is reinforced to enhance component durability.
- Work up to 3000 m (9,840 ft) above sea level without de-rating.
- Don't let the temperature stop you from working. The machine has a standard high-ambient temperature capability of 43° C (109° F) and cold start capability of -20° C (-4° F).
- Auto warm up speeds up hydraulic oil warming in cold temperatures and helps prolong the life of components.
- Standard autolube simplifies maintenance by automatically keeping the machine greased from the swing bearing and cab riser to the stick end.

### HIGH PERFORMANCE WITH LOW FUEL CONSUMPTION

- The C7.1 engine can run on biodiesel up to B20 and meets U.S. EPA Tier 3 and EU Stage IIIA equivalent emission standards.
- The advanced hydraulic system provides the optimum balance of power and efficiency while giving you the control you need.
- Valve priority puts hydraulic pressure and flow where you need it.
- Match your machine to the job with power modes. Let Smart mode automatically match engine and hydraulic power to working conditions. Power mode constantly provides maximum productivity.
- Standard Product Link™ collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.

### SUPERIOR SERVICEABILITY

- Track your machine's filter life and maintenance intervals via the in-cab monitor.
- Change engine oil filters at 1,000 hours.
- Expect the air intake filter with pre-cleaner to last up to 1,000 hours.
- The hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and long life with a 3,000-hour replacement interval.
- High-efficiency, electrically driven cooling fans run only when needed; you can program intervals, so they automatically reverse to keep cores clean without interrupting your work.
- Fine mesh protects the cooling hood from dust and debris.
- Scheduled Oil Sampling (S-O-S<sup>SM</sup>) ports simplify maintenance and allowing for quick, easy extraction of fluid samples for analysis.

### WORK IN COMFORT

- Choose between a deluxe and premium cab. Both provide a comfortable, ergonomic work environment.
- The cab has a wide seat that adjusts for operators of all sizes.
- Get in and out of the cab easier using the tip-up left console.
- Control the machine comfortably with easy-to-reach controls all located in front of you.
- Standard automatic climate control keeps you at the right temperature all shift long.
- Stow your gear with plenty of in-cab storage beneath and behind the seat, overhead, and in the consoles. A cup holder, document holder, bottle holder, and coat hook are also provided.
- Use the standard radio's USB ports and Bluetooth® technology to connect to personal devices.
- Optional auxiliary relay powers on and turns off CB radios, beacon lights, and other attachments without you taking your hands off the joysticks.



# MH3032 Material Handler

---

## VERSATILITY KEEPS YOU PRODUCTIVE AND PROFITABLE

- An optional 20 kW generator allows for magnet operation. Generator controls are fully integrated into the cab monitor.
- Equip your machine with an optional push blade for added machine stability and jobsite versatility.
- Expand your work capabilities with attachments for a variety of applications.

## SAFETY

- E-fence prevents your machine from moving outside operator-defined parameters.
- Keep your machine secure with Operator ID. Use your PIN code on the monitor to enable the pushbutton starting feature.
- Enjoy all-around great visibility with the help of narrow cab pillars, large windows, and a flat engine hood design. A rearview and right-hand-sideview camera are standard.
- Standard 1800-lumen LED lights on the chassis, boom, stick, and cab illuminate your surroundings and help create a safer work environment.
- Thicker high-impact and impact-resistant windshields fulfill EN356 P8B and P5A standards respectively.
- Joystick steering eliminates steering column, improving front visibility and increasing cab entrance width.
- The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position.
- Optional Falling Object Guard System (FOGS) provides protection from falling and flying debris.
- Ground-level shutoff switch stops all fuel to the engine when activated and shuts down the machine.
- Boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.

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

	Standard	Optional
<b>BOOM AND STICKS</b>		
6.4 m (21'0") drop nose stick		✓
Stickless machine configuration		✓
<b>CAB</b>		
Advanced sound suppressed Tip Over Protective Structure (TOPS) cab (ISO 12117-2 compliant) with rubber mount	✓	
Automatic bi-level air conditioner	✓	
Jog dial and shortcut keys for monitor control	✓	
Keyless push-to-start engine control	✓	
Tilt-up left-side console	✓	
Dome and lower LED interior lights	✓	
Fixed one-piece laminated windshield and roof window (P5A glass)		✓
Fixed two-piece laminated windshield and roof window (P8B glass)		✓
High-resolution 254 mm (10") LCD touch screen monitor		✓
High-resolution 254 mm (8") LCD touch screen monitor		✓
Air suspension premium seat with headrest, heater, and ventilator		✓
Mechanically adjustable seat suspension		✓
<b>CAT TECHNOLOGY</b>		
Cat® Product Link	✓	
Remote Services capability	✓	
Cat Payload		✓
Cat E-fence		✓
<b>ELECTRICAL SYSTEM</b>		
Maintenance-free battery	✓	
LED chassis light, left-hand/right-hand boom lights, cab lights – 1800 lumens	✓	
Centralized electrical disconnect switch	✓	
Programmable time delay LED working lights after engine shutdown	✓	
Generator, 20 kW with wiring to stick nose		✓
Rotating beacon		✓
<b>ENGINE</b>		
C7.1 diesel engine	✓	
Three selectable modes: Power, Smart, Eco	✓	
4500 m (14,760 ft) altitude capability with engine power derate above 3000 m (9,840 ft)	✓	
43° C (109° F) high-ambient cooling capacity with derate	✓	
-20° C (-4° F) cold start capability	✓	
Reversible electric cooling fans	✓	
Cold start, block heater		✓
Cold start, ether start		✓

	Standard	Optional
<b>HYDRAULIC SYSTEM</b>		
Electric main control valve	✓	
Boom and stick regeneration circuits	✓	
Automatic hydraulic oil warm up	✓	
Boom and stick lowering control check valves	✓	
Element type main hydraulic filter	✓	
Fine swing control function		✓
<b>SAFETY AND SECURITY</b>		
One key security system	✓	
Door and cap lock	✓	
Travel/swing lock	✓	
Signaling/warning horn	✓	
Travel alarm	✓	
Secondary engine shutoff switch	✓	
Openable rear window as emergency exit	✓	
Rearview camera	✓	
Right-side-view camera	✓	
Right-side front-view mirror	✓	
Bolt-on FOGS		✓
<b>UNDERCARRIAGE AND STRUCTURES</b>		
5300 kg (11,700 lb) counterweight	✓	
All wheel drive	✓	
Automatic brake/axle lock	✓	
Creeper speed	✓	
Electronic swing and travel lock	✓	
Heavy-duty axles, advanced disc brake system, and travel motor with adjustable braking force	✓	
Lockable, oscillating front axle with remote greasing point	✓	
Two speed hydrostatic transmission	✓	
Tie down points on base frame (ISO 15818 compliant)	✓	
PR16 dual air tires		✓
Solid rubber dual tires		✓

# MH3032 Material Handler

## Technical Specifications

### Engine

Engine Model	Cat® C7.1	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7 L	428 in <sup>3</sup>

- 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 the engine is equipped with fan, air intake system, exhaust system and alternator.

### Transmission

Maximum Gradeability	35.00%	
Maximum Travel Speed	18 km/h	11 mile/h
Drawbar Pull	104 kN	23,380 ft-lbf

### Hydraulic System

Maximum Pressure – Implements	35 000 kPa	5,076 psi
Maximum Pressure – Swing	28 400 kPa	4,061 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi

### Swing Mechanism

Swing Speed	8 r/min	
Maximum Swing Torque	82 kN·m	60,680 ft-lb

### Weights

Operating Weight	33 500 kg	73,850 lb
------------------	-----------	-----------

- Operating weight includes full fuel tank, operator, grapple 2000 kg (4,410 lb), and single tires. Weight varies depending on configuration.

### 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
Rear Axle – Housing (Differential)	14 L	3.7 gal
Final Drive	2.5 L	0.7 gal
Powershift Transmission	2.5 L	0.7 gal
Hydraulic System – Including Tank	301 L	80 gal
Hydraulic Tank	147 L	39 gal
Diesel Exhaust Fluid (DEF) Tank	41 L	11 gal

### Dimensions

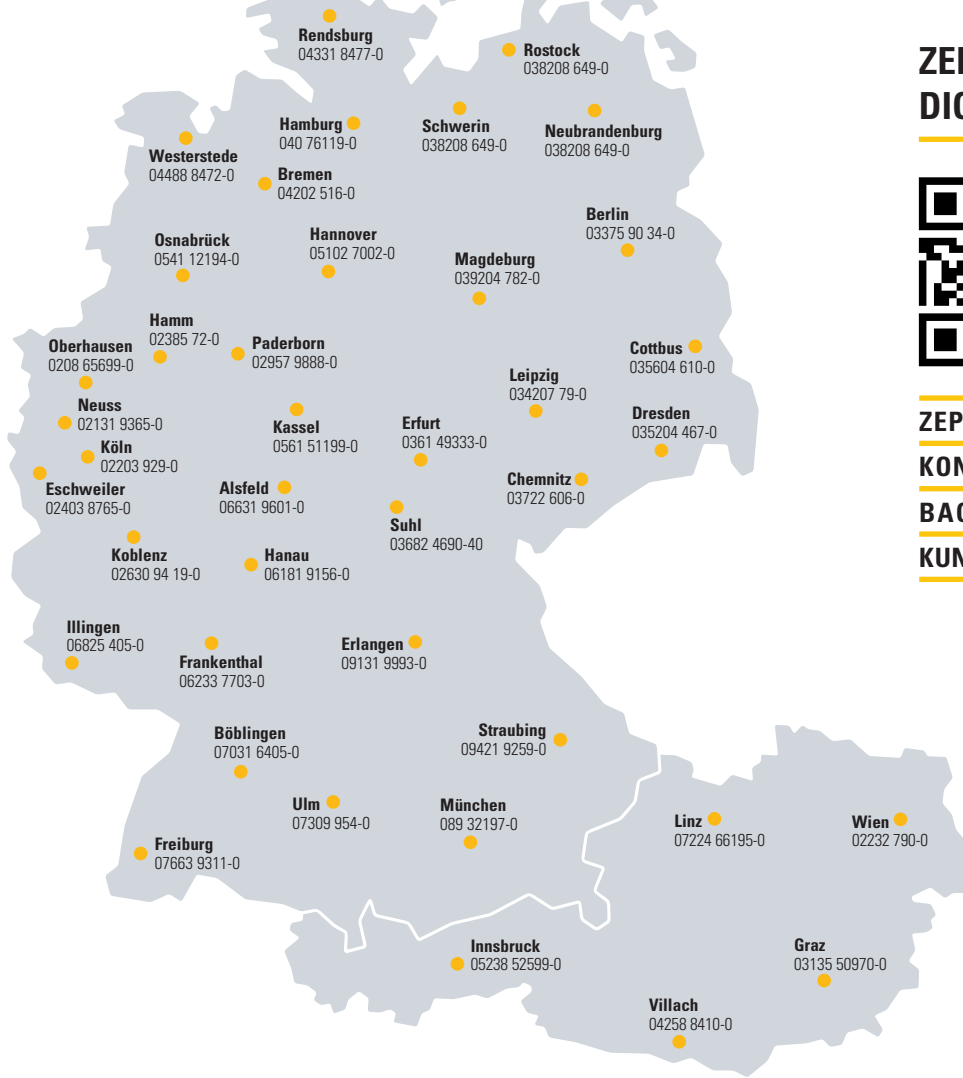
<b>Boom</b>	<b>MH 8.5 m (27'11")</b>	
<b>Stick</b>	<b>6.4 m (21'0")</b>	
Shipping Length	11 890 mm	39 ft
Machine Length	5610 mm	18.4 ft
Tail Swing Radius	300 mm	9.8 ft
Counterweight Clearance	1380 mm	4.5 ft
Cab Height – Lowered	3410 mm	11.2 ft
Cab Height – Lowered with FOGS	3470 mm	11.4 ft
Cab Height – Raised	6000 mm	19.7 ft
Cab Height – Raised with FOGS	6060 mm	19.9 ft
Wheel Base	3000 mm	9.8 ft
Shipping Width	3000 mm	9.8 ft
Ground Clearance	320 mm	0.08 ft
Undercarriage Length	5610 mm	18.4 ft

### Working Ranges

<b>Boom</b>	<b>MH 8.5 m (27'11")</b>	
<b>Stick</b>	<b>6.4 m (21'0")</b>	
Maximum Reach	14 080 mm	46.2 ft
Maximum Height	15 380 mm	50.5 ft
Maximum Dump Height	4580 mm	15 ft
Maximum Depth	5080 mm	16.7 ft
Boom Pin Height	10 660 mm	35 ft

## ZEPPELIN IN IHRER NÄHE

Mit unseren rund 40 Niederlassungen in Deutschland und Österreich sind wir immer in der Nähe Ihres Standortes oder Ihrer Baustelle. Der Zeppelin Service steht Ihnen rund um die Uhr zur Verfügung. Wir liefern 98 % aller Ersatzteile innerhalb von 24 Stunden.



## ZEPPELIN DIGITAL



**ZEPPELIN SHOP**  
**KONFIGURATOR**  
**BAGGERBÖRSE**  
**KUNDENPORTAL**



Günstige Finanzierungen für alle unsere Maschinen über unseren Partner Cat Financial.  
**Schnell. Einfach. Flexibel. Individuell.**

Zeppelin Baumaschinen GmbH  
Graf-Zeppelin-Platz 1 · 85748 Garching bei München  
Tel. 089 32000-0 · [zeppelin-cat@zeppelin.com](mailto:zeppelin-cat@zeppelin.com)  
[zeppelin-cat.de](http://zeppelin-cat.de)

Zeppelin Österreich GmbH  
Zeppelinstraße 2 · 2401 Fischamend bei Wien  
Tel. 02232 790-0 · [info.at@zeppelin.com](mailto:info.at@zeppelin.com)  
[zeppelin-cat.at](http://zeppelin-cat.at)

