



# Cat<sup>®</sup> MH3260

## Material Handler

***The Cat<sup>®</sup> MH3260 offers superior performance for your material handling applications. Featuring a spacious, ergonomic cab, the MH3260 offers a comfortable work environment to keep you productive all day long. Longer maintenance intervals and lower fuel consumption combine to provide up to 20% lower operating costs. The MH3260 provides the safety and reliability you need for your toughest applications.***

*Not all features are available in all regions. Consult your Cat dealer for specific configurations available in your region.*

### High Performance with Lower Fuel Consumption

- Use less fuel versus the 345C MH with no impact on your productivity.
- The C13 engine can run on biodiesel up to B20 and meets U.S. EPA Tier 4 Final emission standards.
- Match the machine to the job with three power modes – Power, Smart, and Eco. Smart mode automatically matches engine and hydraulic power to working conditions, providing max power when needed and reducing power when it isn't to save fuel.
- The advanced electro-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.
- The variable gauge undercarriage retracts for easy transportation and expands for increased stability and lifting capacity.
- Program and store your preferred power mode and joystick settings using your Operator ID. The machine will automatically remember your selections.
- The Cat App helps you manage fleet location, hours, and maintenance schedules; it also alerts you for required maintenance and even allows you to request service from your local Cat dealer.
- Product Link™ comes standard so you can remotely monitor machine health, location, hours, and fuel consumption on demand.

### Work in Comfort in the All-New Cab

- The cab, with hydraulic cab riser, has a wide seat that adjusts for operators of all sizes and is heated and ventilated for optimum comfort.

- Control the machine comfortably with easy-to-reach controls.
- 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<sup>®</sup> technology to connect to personal devices.
- Machine settings can be controlled through the high-resolution, 10 inch, touchscreen monitor. It offers 42 languages and is easy to reach from the seat.

### Superior Serviceability

- Track your machine's filter life and maintenance intervals via the in-cab monitor.
- Change all fuel filters at a synchronized 1,000 hours.
- Expect the air intake filter with integrated precleaner air filter to last up to 1,000 hours in most applications.
- The new hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000-hour replacement interval – 50 percent longer than previous filter designs.
- The high-efficiency hydraulic fan has an optional automatic reverse function to keep ores free from debris, eliminating the need for any operator interaction.
- S-O-S<sup>SM</sup> ports simplify maintenance and allowing for quick, easy extraction of fluid samples for analysis.



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## Safety

- Keep your machine secure with Operator ID. Use your PIN code on the monitor to enable the push button starting feature.
- Enjoy great all-around visibility with the help of smaller cab pillars, larger windows, and a flat engine hood design. Rearview and sideview cameras are standard.
- Standard 1800-lumen LED exterior lights illuminate your surroundings for a safer work environment.
- Thick impact-resistant windshields fulfill P5A standards.
- Service platform design provides easy, safe, and quick access to the upper service platform. The service platform steps use anti-skid punch plate to prevent slipping.
- The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position.
- Standard 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.
- In case of an emergency, lower the cab safely with the emergency cab lowering valve located behind the cab riser or to the right of the seat. The valve located behind the cab riser is easily accessible.
- Boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose pressure.

## Reliability and Durability You Can Count On

- Count on your machine to withstand wear throughout the years. Boom, stick, and other high-stress areas are reinforced with thick multi-plate fabrications, castings, and forgings to ensure quality and reliability.
- Work up to 2600 m (8,530 ft) above sea level without derating.
- Don't let the temperature stop you from working. The material handler has a standard high-ambient temperature capability of 52°C (125°F) and cold start capability of -32°C (-25°F).
- Auto warm up speeds up hydraulic oil warming in cold temperatures and helps prolong the life of components.

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>BOOMS AND STICKS</b>			<b>HYDRAULIC SYSTEM</b>		
9.9 m (32'6") material handler boom	✓		Electric main control valve	✓	
9.1 m (29'10") industrial stick	✓		Automatic warm up	✓	
<b>CAB</b>			Automatic swing parking brake	✓	
Material Handler cab: air suspension heated and ventilated seat, 10" monitor	✓		Hydraulic main pump	✓	
Keyless push-to-start engine control	✓		Boom and stick lowering check valves	✓	
Tilt-up left-side console	✓		Boom and stick regeneration circuit	✓	
Fixed one-piece laminated windshield and glass hatch (P5A glass)	✓		Medium pressure (grapple rotate) and cab riser valve	✓	
LED dome and lower interior lights	✓		High performance hydraulic return filter	✓	
<b>CAT TECHNOLOGY</b>			Two speed travel	✓	
Cat Product Link	✓		Fine swing capability	✓	
Remote services capability	✓		<b>SAFETY AND SECURITY</b>		
Remote flash capability	✓		Rear- and right-side-view cameras	✓	
<b>ELECTRICAL SYSTEM</b>			Right-hand handrail and hand hold (ISO 2867 compliant)	✓	
Maintenance-free batteries	✓		Signaling/warning horn	✓	
LED exterior lights (integrated into storage box and mounted on boom and stick sides)	✓		Secondary engine shutoff switch	✓	
Power fuse module	✓		Caterpillar One Key security system	✓	
Electronic Technician compatible	✓		Secure start with PIN code	✓	
<b>SERVICE AND MAINTENANCE</b>			Lockable external tool/storage box and fuel drain compartment	✓	
Service platform with anti-skid plate and recessed bolts	✓		Standard visibility mirror package	✓	
S•O•S sampling ports	✓		FOGS Guard	✓	
Grouped location for engine oil and fuel filters	✓		<b>UNDERCARRIAGE AND STRUCTURES</b>		
<b>ENGINE</b>			750 mm (30") triple grouser long variable gauge undercarriage, PPR2 (M24)	✓	
C13 engine	✓		Grease lubricated track GLT4, Resin seal	✓	
One-touch low idle with automatic engine speed control	✓		Guard, heavy duty bottom without swivel guard or travel motor protection (recessed bolts)	✓	
Automatic engine shutdown	✓		Guard, heavy duty travel motor protection	✓	
Automatic engine speed control	✓		Towing eye on baseframe (ISO 15818 compliant)	✓	
Electric fuel priming pump	✓				
Integrated precleaner air filter	✓				
2600 m (8,580 ft) altitude capability with no derate	✓				
115 Amp alternator	✓				
Three vertical side-by-side cooling system	✓				
Biodiesel capable (up to B20)	✓				
Dual stage 5.5 micron primary filter and 4.4 micron 2nd/3rd filter in fuel line	✓				

**Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.**

For additional information and additional regional offerings, refer to the Technical Specifications brochure available at [www.cat.com](http://www.cat.com) or your Cat dealer.

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## Technical Specifications

### Engine

Engine Model	Cat C13	
Engine Power – ISO 14396:2002	317 kW	425 hp
Net Power – ISO 9249:2007	316 kW	424 hp
Bore	130 mm	5 in
Stroke	157 mm	6 in
Displacement	12.5 L	763 in <sup>3</sup>

- The net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, exhaust gas aftertreatment and alternator.
- Meets U.S. EPA Tier 4 Final emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 2600 m (8,580 ft)
- Rated speed 1,800 rpm.

### Transmission

Gradeability	35°/58%	
Maximum Travel Speed	4.8 km/h	3.0 mph
Maximum Drawbar Pull	239 kN	53,729 lbf

### Hydraulic System

Main System – Maximum Flow	779 L/min (389 x 2 pumps)	206 gal/min (103 x 2 pumps)
Maximum Pressure – Implements	35 000 kPa	5,076 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	26 000 kPa	3,771 psi

### Machine Weights

Operating Weight	60 420 kg	133,200 lb
<ul style="list-style-type: none"> <li>• MH boom, 9.1 m (29'10") industrial stick, 12 mt (26,460 lb) counterweight, 750 mm (30") tripple grouser shoes, full fuel tank, 75 kg (165 lb) operator, 3000 kg (6,610 lb) grapple</li> </ul>		

### Service Refill Capacities

Fuel Tank Capacity	715 L	188.9 gal
Cooling System	52 L	13.7 gal
Engine Oil (with filter)	40 L	10.6 gal
Swing Drive (each)	10.5 L	2.8 gal
Final Drive (each)	15 L	4.0 gal
Hydraulic System (including tank)	550 L	145.3 gal
Hydraulic tank	217 L	57.3 gal
DEF Tank	46 L	12.2 gal

### Swing Mechanism

Swing Speed	8.84 rpm	
Maximum Swing Torque	187 kN•m	137,924 lb-ft

### Dimensions

Boom	MH Boom 9.9 m (32'6")	
Stick	Industrial 9.1 m (29'10")	
Shipping Height (with FOGS, without stick)	3580 mm	11'9"
Shipping Length (without stick)	13 710 mm	45'0"
Machine Length (with boom/stick)	13 270 mm	46'6"
Tail Swing Radius	3760 mm	12'4"
Counterweight Clearance	1420 mm	4'8"
Cab Height – Lowered	3540 mm	11'7"
Cab Height – Lowered with FOGS	3580 mm	11'9"
Cab Height – Raised	6030 mm	19'9"
Cab Height – Raised with FOGS	6175 mm	20'3"
Ground Clearance	710 mm	2'4"
Track Length – Length to Center of Rollers	4340 mm	14'3"
Track Length	5370 mm	17'7"
Upper Frame Width (includes walkways and handrails)	3830 mm	12'7"
Track Gauge – Retracted	3220 mm	10'7"
Track Gauge – Extended	3720 mm	12'2"
Undercarriage Width – Retracted, 750 mm (30") shoes	4010 mm	13'2"
Undercarriage Width – Extended	4510 mm	14'10"

### Working Ranges

Boom	MH Boom 9.9 m (32'6")	
Stick	Industrial 9.1 m (29'10")	
Maximum Height	17 820 mm	58'6"
Minimum Height	3120 mm	10'0"
Minimum Swing Radius – Front	4000 mm	13'1"
Maximum Reach	18 000 mm	59'1"
Maximum Depth	8150 mm	26'9"
Boom Pin Height	12 120 mm	39'9"

- Dimensions refer to stick nose pin

### Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.3 kg of refrigerant, which has a CO<sub>2</sub> equivalent of 1.859 metric tonnes.

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

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