

# PRODUCT SPECIFICATIONS FOR MH3250

---

## ENGINE

---

<b>Engine Model</b>	Cat C9.3B
<b>Net Power- ISO 14396:2002</b>	314 HP
<b>Net Power - ISO 9249</b>	311 HP
<b>Bore</b>	5 in
<b>Stroke</b>	5 in
<b>Displacement</b>	568 in <sup>3</sup>

---

## TRANSMISSION

---

<b>Gradeability</b>	70
<b>Maximum Drawbar Pull</b>	55281 lbf

---

## HYDRAULIC SYSTEM

---

<b>Main System - Maximum Flow (× 2 pumps) - Implement</b>	148 gal(US)/min
<b>Maximum Pressure - Implements</b>	5076 psi
<b>Maximum Pressure - Travel</b>	5076 psi
<b>Maximum Pressure - Swing</b>	4061 psi

---

## WEIGHTS

---

<b>Operating Weight</b>	107700 lb
-------------------------	-----------

---

## SERVICE REFILL CAPACITIES

---

<b>Fuel Tank Capacity</b>	158.5 gal (US)
<b>Cooling System</b>	10.6 gal (US)
<b>Engine Oil (with filter)</b>	8.5 gal (US)
<b>Swing Drive - Each</b>	4.8 gal (US)
<b>Final Drive - Each</b>	4 gal (US)
<b>Hydraulic System - Including Tank</b>	98.5 gal (US)
<b>Hydraulic Tank</b>	42.5 gal (US)
<b>DEF Tank</b>	21.1 gal (US)

---

## SWING MECHANISM

---

<b>Swing Torque</b>	104734 ft·lbf
---------------------	---------------

---

## DIMENSIONS

---

<b>Boom</b>	MH Boom 9.2 m (30'2")
<b>Stick</b>	Industrial 7.6 m (24'11")
<b>Shipping Height (with FOGS, without stick)</b>	11.8 ft
<b>Shipping Length (without stick)</b>	41.8 ft
<b>Machine Length (with boom/stick)</b>	14.3 ft
<b>Tail Swing Radius</b>	11.583 ft
<b>Counterweight Clearance</b>	4.66 ft
<b>Cab Height-Lowered</b>	11.5 ft
<b>Cab Height-Lowered with FOGS</b>	11.8 ft
<b>Cab Height-Raised</b>	19.8 ft
<b>Cab Height-Raised with FOGS</b>	20.3 ft

<b>Ground Clearance</b>	2.33 ft
<b>Track Length-Length to Center of Rollers</b>	14.3 ft
<b>Track Length</b>	17.6 ft
<b>Upper Frame Width (includes walkways and handrails)</b>	12.5 ft
<b>Track Gauge-Retracted</b>	10.6 ft
<b>Track Gauge- Extended</b>	12.2 ft
<b>Undercarriage Width-Retracted, 600 mm (24") shoes</b>	13.2 ft

---

#### WORKING RANGES

---

<b>Maximum Reach</b>	52.5 ft
<b>Boom</b>	MH Boom 9.2 m (30'2")
<b>Stick</b>	Industrial 7.6 m (24'11")
<b>Maximum Height</b>	55.3 ft
<b>Minimum Height</b>	13.4 ft
<b>Minimum Swing Radius-Front</b>	12.8 ft
<b>Maximum Depth</b>	23.3 ft
<b>Boom Pin Height</b>	37.6 ft

---

# MH3250 STANDARD EQUIPMENT

## BOOMS AND STICKS

9.2 m (30'2") material handler boom

7.6 m (24'11") industrial stick

## CAB

Advanced sound-suppressed TOPS cab (ISO 12117-2 compliant) with rubber mount

Material Handler cab: air suspension heated and ventilated seat, 10" monitor

Keyless push-to-start engine control

Tilt-up left-side console

Fixed one-piece laminated windshield and glass hatch (P5A glass)

LED dome and lower interior lights

## CAT TECHNOLOGY

Cat Product Link

Remote services capability

Remote flash capability

## ELECTRICAL SYSTEM

Maintenance-free batteries

LED exterior lights (integrated into storage box and mounted on boom and stick sides)

Centralized electrical disconnect switch

Power fuse module

Electronic Technician compatible

## SERVICE AND MAINTENANCE

Service platform with anti-skid plate and recessed bolts

S•O•S sampling ports

Grouped location for engine oil and fuel filters

## ENGINE

C9.3B engine

One-touch low idle with automatic engine speed control

Automatic engine shutdown

Electric fuel priming pump

Double element air filter with integrated precleaner

3000 m altitude capability with no derate

115 Amp alternator

Single plane 3 horizontal cooling system

Biodiesel capable (up to B20)

Dual stage 4 micron main filter and 10 micron primary filter with water separator and water separator indicator switch in fuel line

## HYDRAULIC SYSTEM

Electric main control valve

Electric main control valve

Electric main control valve

Automatic warm up and cold lock out

Automatic swing parking brake

Hydraulic main pump

Boom and stick lowering check valves

Boom and stick regeneration circuit

Medium pressure (grapple rotate) and cab riser valve

Reverse swing damping valve

High performance hydraulic return filter

Two speed travel

Fine swing capability

#### SAFETY AND SECURITY

Rear- and right-side-view cameras

Right-hand handrail and hand hold (ISO 2867 compliant)

Signaling/warning horn

Secondary engine shutoff switch

Caterpillar one key security system

Secure start with PIN code

Lockable external tool/storage box and fuel drain compartment

Standard visibility mirror package

FOGS Guard

#### UNDERCARRIAGE AND STRUCTURES

600 mm (24") triple grouser long variable gauge undercarriage, PPR2 (M24)

Grease lubricated track GLT4, Resin seal

Guard, heavy duty bottom without swivel guard or travel motor protection (recessed bolts)

Guard, heavy duty travel motor protection

Towing eye on baseframe (ISO 15818 compliant)







# MH3250 OPTIONAL EQUIPMENT

## ELECTRICAL SYSTEM

Generator, 25 kW with wiring to stick nose