

PRODUCT SPECIFICATIONS FOR MH3026



ENGINE

Engine Model	Cat C7.1
Engine Power - Maximum - ISO 14396	129 kW
Net Power - ISO 9249	128 kW
Bore	105 mm
Stroke	135 mm
Displacement	7.01 l

TRANSMISSION

Maximum Travel Speed (with steering wheel)	20 km/h
Maximum Travel Speed (with joysticks)	15 km/h
Drawbar Pull	127 kN
Maximum Gradeability (23 500 kg/51,810 lb)	52

HYDRAULIC SYSTEM

Maximum Pressure - Implements	37000 kPa
Maximum Pressure - Travel	35000 kPa
Maximum Pressure - Swing	39000 kPa

MACHINE WEIGHTS

Maximum Operating Weight	29200 kg
Minimum Operating Weight	26400 kg

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	416 l
Engine Oil	20 l
Hydraulic Tank	209 l
Hydraulic System - Including Tank	345 l
Rear Axle - Housing (Differential)	14 l
Front Steering Axle - Differential	11 l
Powershift Transmission	2.5 l

SERVICE REFILL CAPABILITIES

Diesel Exhaust Fluid Tank	30 l
Cooling System	40 l
Final Drive - Each	2.5 l

SWING MECHANISM

Maximum Swing Torque	70 kN·m
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DIMENSIONS

Boom	MH Boom 7.5 m (24'7")
Stick	Drop Nose 6 m (19'8")
Shipping Height (with FOGS)	3375 mm
Shipping Length	10700 mm
Shipping Length (with push blade)	11190 mm
Machine Length	5450 mm

Machine Length (with push blade)	6115 mm
Tail Swing Radius	2800 mm
Counterweight Clearance	1305 mm
Cab Height- Lowered	3350 mm
Cab Height- Lowered with FOGS	3375 mm
Cab Height-Raised	5750 mm
Cab Height- Raised with FOGS	5775 mm
Wheel Base	2750 mm
Shipping Width	2990 mm
Ground Clearance	320 mm
Undercarriage Length	5300 mm
Undercarriage Length (with push blade)	5970 mm
Upper Frame Width (including handrails)	2740 mm

WORKING RANGES

Maximum Reach	13000 mm
Boom	MH Boom 7.5 m (24'7")
Stick	Drop Nose 6 m (19'8")
Maximum Height	14270 mm
Minimum Dump Height	3810 mm

Maximum Reach at Ground Line	12850 mm
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Maximum Depth	2970 mm
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Boom Pin Height	9300 mm
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MH3026 STANDARD EQUIPMENT

CAB

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

10" touchscreen monitor

Keyless push-to-start engine control

Tilt-up left-side console

LED dome lights

CAT TECHNOLOGY

Cat Product Link

2D E-fence and cab avoidance

Cat Payload

ELECTRICAL SYSTEM

Roading and indicator lights at front and rear

Maintenance-free batteries

LED chassis light, left-hand/right-hand boom and stick lights, cab lights -1800 lumens

Centralized electrical disconnect switch

Programmable time delay LED working lights

SERVICE AND MAINTENANCE

Automatic lubrication system for implement and swing system

S-O-S sampling ports

ENGINE

Cat C7.1 single turbo diesel engine

One-touch low idle with automatic engine speed control

Automatic engine shutdown

52°C (125°F) high-ambient capability

Cold start capability -18°C (-0°F)

Electric fuel priming pump

Double element air filter with integrated precleaner

On-demand electric cooling fans with auto-reverse function

HYDRAULIC SYSTEM

Electric main control valve

Automatic hydraulic oil warm up
Automatic swing brake
Separate dedicated swing pump
Boom and stick lowering check valves
Medium pressure auxiliary circuit
Element type main hydraulic filter
SmartBoom
SmartStick
Heavy lift mode

SAFETY AND SECURITY

Rear- and right-side-view cameras
Secondary engine shutoff switch

UNDERCARRIAGE AND STRUCTURES

5700 kg (12,500 lb) counterweight
All wheel drive
Automatic brake/axle lock
Creeper speed
Heavy-duty axles, advanced disc brake system, and travel motor with adjustable braking force
Lockable, oscillating front axle with remote greasing point

MH3026 OPTIONAL EQUIPMENT

NOTE

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

6.9 m (22'8") Straight MH boom
7.5 m (24'7") Straight MH boom
5.0 m (16'5") Straight MH stick
5.5 (18'1) Drop Nose MH stick
6.0 m (19'8") Drop Nose MH stick

CAB

Deluxe cab: air suspension heated seat
Premium cab: air suspension heated and ventilated seat
Fixed one-piece laminated windshield and roof window (P5A glass)
Fixed two-piece laminated windshield and roof window (P8B glass)
Auxiliary relay

ELECTRICAL SYSTEM

Electrical refueling pump

SAFETY AND SECURITY

360° visibility

Travel alarm

UNDERCARRIAGE AND STRUCTURES

2.99 m (9'10") wide undercarriage

2.99 m (9'10") wide undercarriage with push blade

10.00-20 dual solid rubber tires

11.00-20 16 dual pneumatic tires