

Product Specifications For 120 / 120 AWD



Engine

Net Power Range (Tier 3)	97 kW
Derating Altitude (AWD)	1676 m
Maximum Torque - ISO 9249	822 N·m
Derating Altitude	3000 m
Note (2)	Net power advertised is the power available at rated speed of 2,000 rpm, measured at the flywheel when engine is equipped with fan, air cleaner, muffler and alternator.
Maximum Torque - AWD On	828 N·m
All-Wheel Drive Net Power Range (Tier 3)	101 kW
Bore	105 mm
Displacement	7.01 l
Number of Cylinders	6
Torque Rise - ISO 9294	42%
Engine RPM	2,000
Engine Model	Cat 7.1
Note (3)	Power as declared per ISO 14396
Note (1)	Net power is tested per ISO 9249, SAE J1349, and EEC 80/1269 Standards in effect at the time of manufacture.

Stroke	135 mm
Standard Capability	50 °C
Emissions	China Nonroad Stage III and Brazil MAR-1 emission standards, equivalent to U.S. EPA Tier 3/EU Stage IIIA

Weights

Operating Weight - Typically Equipped	15803 kg
--	----------

Moldboard

Blade Width	3.7 m
Cutting Edge	152 mm
Blade Height	610 mm
End Bit	152 mm
Cutting Edge Width	152 mm
Arc Radius	413 mm
Throat Clearance	120 mm

Machine Weight

Joystick Weight* Tier 3	15824 kg
Joystick All-Wheel Drive (AWD) Weight* Tier 3	16499 kg
Lever/Steering Wheel Weight* Tier 3	15699 kg

Note

*Typically equipped includes 3.7 m (12 ft) plus blade, tires, push plate, ripper, bottom guard, operator, and full fluids.

Dimensions

Length of Machine*	9838 mm
---------------------------	---------

Width	2592 mm
--------------	---------

Width All Wheel Drive (AWD)	100.4 in
------------------------------------	----------

Maximum Height	3465 mm
-----------------------	---------

Note	*Typically equipped with push block and ripper.
-------------	---

Blade Range

Maximum Depth of Cut	775 mm
-----------------------------	--------

Maximum Shoulder Reach Right	1928 mm
-------------------------------------	---------

Circle Center Shift Right	656 mm
----------------------------------	--------

Blade Tip Range Forward	40
--------------------------------	----

Moldboard Side Shift Right	663 mm
-----------------------------------	--------

Blade Tip Range Backward	5
---------------------------------	---

Maximum Lift Above Ground	410 mm
----------------------------------	--------

Maximum Shoulder Reach Left	1764 mm
------------------------------------	---------

Moldboard Side Shift Left	512 mm
----------------------------------	--------

Circle Center Shift Left	656 mm
---------------------------------	--------

Service Refill Capacities

Circle Drive	7 l
---------------------	-----

Engine Crankcase	18 l
-------------------------	------

Transmission and Differential	60 l
--------------------------------------	------

Hydraulic System

97 l

Fuel Tank

246 l

Cooling System

52.5 l

Air Conditioning System

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

120 / 120 AWD Standard Equipment

NOTE

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

Cab

Vinyl Seat
ROPS, Standard Sound Suppression
Heating/Cooling Cab System
Base Cab
254 mm (10 in) Hybrid Information Display
Halogen Lighting

Cat Technology

Product Link

Engine

Cat C7.1
Eco mode
Hydraulic Demand Fan

Drawbar Circle Moldboard

Standard
Circle Drive Slip Clutch

Safety

Parking brake
Signaling/warning horn
Rearview mirror
Hydraulic brakes

Secondary steering system

Side view mirrors

Walkways and Grab Rails

120 / 120 AWD Optional Equipment

NOTE

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

Cab

Cloth or Leather Seat

Steering Wheel/Lever Controls

Joystick Controls

Rear Wiper

Comfort Plus

Premium Plus

Seatbelt Indicator

Heated/Cooled Seat

Bluetooth/Auxiliary Radio

LED Lighting

Rear Window Screen

Cat Technology

Cat Grade with Digital Blade Slope Meter

Cat Grade with Cross Slope Indicate

Cat Grade with Cross Slope

Cat Grade Attachment Ready Option (ARO)

Stable Blade

Remote Services

Engine

All-Wheel Drive (AWD)

Drawbar Circle Moldboard

Top Adjust

Circle Saver

Safety

Rearview camera

Versatility

Counterweight

Push Block

Ripper

Scarifier

Front Lift Group

Front Blade

Front Blade