

PRODUCT SPECIFICATIONS FOR 120 / 120 AWD



AIR CONDITIONING SYSTEM

Note	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg of refrigerant which has a carbon dioxide equivalent of 2.288 metric tonnes.
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ENGINE

Net Power Range (Tier 4)	139 HP
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Standard Capability	122 °F
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Number of Cylinders	6
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Derating Altitude (AWD)	5499 ft
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Torque Rise - ISO 9294	42%
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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.
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Displacement	427.8 in ³
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Derating Altitude	9842.5 ft
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Maximum Torque - ISO 9249	606 lb/ft
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All-Wheel Drive Net Power Range (Tier 3)	130 HP
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Net Power Range (Tier 3)	130 HP
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Note (3)	Power as declared per ISO 14396
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Bore	4.1 in
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Engine RPM	2,000
Maximum Torque - AWD On	611 lb/ft
Note (1)	Net power is tested per ISO 9249, SAE J1349, and EEC 80/1269 Standards in effect at the time of manufacture."
Engine Model	Cat 7.1
Stroke	5.3 in
Emissions	U.S. EPA Tier 4 Final/EU Stage V - U.S. EPA Tier 3/EU Stage IIIA

MACHINE WEIGHT

Lever/Steering Wheel Weight* Tier 4	35067 lb
Joystick All-Wheel Drive (AWD) Weight* Tier 4	36846 lb
Lever/Steering Wheel All-Wheel drive (AWD) Weight* Tier 4	36731 lb
Note (1)	*Typically equipped includes 4267 mm (14 ft) plus blade, tires, push plate, ripper, bottom guard, operator, and full fluids.
Joystick Weight* Tier 4	35358 lb

DIMENSIONS

Basic Blade Width	12 ft
Length of Machine*	387 in
Width All Wheel Drive (AWD)	2551 mm
Width	102 in

Note

*Typically equipped with push block and ripper.

Maximum Height	136.4 in
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BLADE RANGE

Maximum Depth of Cut	30.5 in
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Moldboard Side Shift Left	20.1 in
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Circle Center Shift Left	26 in
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Blade Tip Range Backward	5
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Maximum Lift Above Ground	16.1 in
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Circle Center Shift Right	26 in
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Blade Tip Range Forward	40
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Maximum Shoulder Reach Right	76 in
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Moldboard Side Shift Right	26.1 in
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Maximum Shoulder Reach Left	69.4 in
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SERVICE REFILL CAPACITIES

Engine Crankcase	4.8 gal (US)
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Diesel Exhaust Fluid Tank (Tier 4 Only)	5 gal (US)
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Hydraulic System	25.6 gal (US)
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Fuel Tank	65 gal (US)
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Transmission and Differential	9 gal (US)
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Circle Drive	1.8 gal (US)
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Cooling System

14 gal (US)

MOLDBOARD

Arc Radius	16.3 in
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End Bit	6 in
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Cutting Edge	6 in
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Blade Width	12 ft
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Blade Height	24 in
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Throat Clearance	4.1 in
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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