

Product Specifications For 232D3



Engine

Gross Power - SAE J1995	67.1 hp
Net Power - SAE 1349	65.8 hp
Displacement	134.3 in ³
Stroke	3.9 in
Bore	3.3 in
Peak Torque - 1,500 rpm - SAE J1995	153 ft·lbf
Net Flywheel Power	65.8 hp
Net Power - ISO 9249	66.5 hp
Engine Model	Cat C2.2 CRDI

Operating Specifications

Rated Operating Capacity	1900 lb
Tipping Load	3800 lb
Breakout Force - Tilt Cylinder	3928 lb

Note Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (OROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

Rated Operating Capacity with Optional Counterweight 2000 lb

Weights

Operating Weight 6514 lb

Note Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (ROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

Dimensions

Wheel Base 41.5 in

Height - Top of Cab 79.9 in

Vehicle Width over Tires 58.9 in

Ground Clearance 6.7 in

Departure Angle 27.9°

Maximum Dump Angle 47.4°

Length - Without Bucket 99.3 in

Clearance at Maximum Lift and Dump 88.7 in

Bucket Pin Reach - Maximum Lift 8.8 in

Maximum Overall Height 150.9 in

Turning Radius from Center - Machine Rear 59.6 in

Note Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (OROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

Bucket Pin Height - Carry Position 8.4 in

Length - With Bucket on Ground 127.3 in

Bumper Overhang - Behind Rear Axle 35.2 in

Turning Radius from Center - Bucket 77.8 in

Maximum Reach - With Arms Parallel to Ground 49.2 in

Bucket Pin Height - Maximum Lift 118.1 in

Reach - Maximum Lift/Dump 25.7 in

Rack Back Angle - Maximum Height 88.2°

Turning Radius from Center - Coupler 43.4 in

Hydraulic System

Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow	26 gal/min
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Hydraulic Flow - Standard - Hydraulic Power (Calculated)	35.5 hp
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Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	3336 psi
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Hydraulic Flow - Standard - Loader Hydraulic Flow	18 gal/min
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Hydraulic Flow - Standard - Loader Hydraulic Pressure	3336 psi
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Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	50.9 hp
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Cab

ROPS	ISO 3471:2008
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FOPS	ISO 3449:2005 Level I
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Power Train

Travel Speed - Forward or Reverse - One Speed	7.6 mile/h
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Travel Speed - Forward or Reverse - Two Speed Option	11.1 mile/h
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Service Refill Capacities

Cooling System	3.2 gal (US)
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Engine Crankcase	2.6 gal (US)
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Fuel Tank	15.1 gal (US)
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Hydraulic System	11.9 gal (US)
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Hydraulic Tank	9 gal (US)
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Chain Box - Each Side	1.8 gal (US)
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Noise Level

Note (3)

**The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC.

Inside Cab*

83 dB(A)

Outside Cab**

101 dB(A)

Note (1)

Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.

Note (2)

*The declared dynamic operator sound pressure levels per ISO 6396:2008. The measurements were conducted with the cab doors and windows closed and at 70% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

Air Conditioning System (If Equipped)

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.81 kg of refrigerant which has a CO2 equivalent of 1.158 metric tonnes.

232D3 Standard Equipment

ELECTRICAL

12 volt Electrical System

80 ampere Alternator

Ignition Key Start/Stop Switch

Lights: Gauge Backlighting, Two Rear Tail Lights, Two Adjustable Front and Rear Halogen Lights, Dome Light

Backup Alarm

Heavy Duty Battery, 850 CCA

OPERATOR ENVIRONMENT

Gauges: Fuel Level, Hour Meter

Operator Warning System Indicators: Air Filter Restriction, Alternator Output, Armrest Raised/Operator Out of Seat, Engine Coolant Temperature, Engine Oil Pressure, Glow Plug Activation, Hydraulic Filter Restriction, Hydraulic Oil Temperature, Parking Brake Engaged

Fold In Ergonomic Contoured Armrest

Control Interlock System, when operator leaves seat or armrest raised: Hydraulic System Disables, Hydrostatic Transmission Disables, Parking Brake Engages

ROPS Cab, Open, Tilt Up

FOPS, Level I

Top and Rear Windows
Floor Mat
Interior Rearview Mirror
12 volt Electric Socket
Horn
Hand (Dial) Throttle, Electronic
Adjustable Joystick Controls
Anti-theft Security System with 6-button Keypad
Storage Compartment with Netting

POWER TRAIN

Cat C2.2, Turbo Diesel Engine, Meeting Tier 4 Final and Stage V emission standards
Air Cleaner, Dual Element, Radial Seal
S-O-SSM Sampling Valve, Hydraulic Oil
Filters, Cartridge-type, Hydraulic
Filters, Canister-type, Fuel and Water Separator
ATAAC/Radiator/Hydraulic Oil Cooler (side-by-side)
Spring Applied, Hydraulically Released Parking Brakes
Hydrostatic Transmission
Four Wheel Chain Drive

OTHER

Engine Enclosure, Lockable
Extended Life Antifreeze, -36° C (-33° F)
Machine Tie Down Points (6)
Support, Lift Arm
Hydraulic Oil Level Sight Gauge
Radiator Coolant Level Sight Gauge
Radiator, Expansion Bottle
Cat ToughGuard™ Hose
Auxiliary, Hydraulics, Continuous Flow
Heavy Duty, Flat Faced Quick Disconnects with Integrated Pressure Release
Split D-Ring to Route Work Tool Hoses Along Side of Left Lift Arm
Electrical Outlet, Beacon
Belly Pan Cleanout
Variable Speed Demand Fan
Product Link™ PL240, Cellular

MANDATORY EQUIPMENT

Hydraulics, Standard or High Flow
Quick Coupler, Mechanical or Powered
Highly Visible Seat Belt, 50 mm (2 in) or 75 mm (3 in)
EU Preparation Package (Europe only)
Power Train: One Speed, One Speed with Ride Control, Two Speed
Tires, 10 × 16.5

PERFORMANCE PACKAGES:

- Performance Package H1: Standard Flow Hydraulics (No Self Level)
- Performance Package H2: Standard Flow Hydraulics, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)
- Performance Package H3: High Flow Hydraulics, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)

COMFORT PACKAGES:

- Open ROPS (C1): Foot Throttle, Headliner, Cup Holder, and choice of Seat (High Back, Heated, Air Ride Seat) (No Heater or Door)
- Enclosed ROPS with A/C (C3): Foot Throttle, Headliner, Heater and Defroster, Air Conditioner, Side Windows, Cup Holder, Radio Ready, choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) and Door (Glass or Polycarbonate)

232D3 Optional Equipment

OPTIONAL EQUIPMENT

External Counterweights

Beacon, Rotating

Engine Block Heater - 120V

Oil, Hydraulic, Cold Operation

Product Link PL641, Cellular

Advanced Display with Rearview Camera: Full Color, 127 mm (5 in) LCD screen, Advanced Multi-operator Security System, On-screen Adjustments for Implement Response, Hystat Response, and Creep Control; Standard equipment in Europe only

Bluetooth® Radio with Microphone (AM/FM/Weather Band Receiver with USB and Auxiliary Input Jack)