

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	153.0 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	1900.0 lb
Tipping Load	3800.0 lb
Breakout Force - Tilt Cylinder	3928.0 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	2000.0 lb

WEIGHTS

Operating Weight	6514.0 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).

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

Turning Radius from Center - Bucket	77.0 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	26.0 gal/min
Hydraulic Flow - Standard - Hydraulic Power (Calculated)	35.5 HP
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	3336.0 psi
Hydraulic Flow - Standard - Loader Hydraulic Flow	18.0 gal/min
Hydraulic Flow - Standard - Loader Hydraulic Pressure	3336.0 psi
Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	50.9 HP

CAB

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

POWER TRAIN

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

SERVICE REFILL CAPACITIES

Cooling System	3.2 gal (US)
Engine Crankcase	2.6 gal (US)
Fuel Tank	15.1 gal (US)
Hydraulic System	11.9 gal (US)
Hydraulic Tank	9.0 gal (US)
Chain Box - Each Side	1.8 gal (US)

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.
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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 IIIB* emission standards (*Stage IIIB engines

comply with the transition provisions of the EU non-road emission regulation.)

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

Search Scooper, 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)