

Skid Steer Loaders 232D3

Engine

Gross Power - SAE J1995	50.1 kW
Net Power - SAE 1349	49.1 kW
Displacement	2.2 l
Stroke	100 mm
Bore	84 mm
Peak Torque - 1,500 rpm - SAE J1995	208 N·m
Net Flywheel Power	49.1 kW
Net Power - ISO 9249	49.6 kW
Engine Model	Cat C2.2 CRDI

Operating Specifications

Rated Operating Capacity	865 kg
Tipping Load	1725 kg
Breakout Force - Tilt Cylinder	1782 kg
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	910 kg

Weights

Operating Weight	2955 kg
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	1054 mm
Height - Top of Cab	2029 mm
Vehicle Width over Tires	1497 mm
Ground Clearance	170 mm
Departure Angle	27.9°
Maximum Dump Angle	47.4°
Length - Without Bucket	2523 mm

Clearance at Maximum Lift and Dump	2254 mm
Bucket Pin Reach - Maximum Lift	224 mm
Maximum Overall Height	3832 mm
Turning Radius from Center - Machine Rear	1513 mm
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	214 mm
Length - With Bucket on Ground	3233 mm
Bumper Overhang - Behind Rear Axle	894 mm
Turning Radius from Center - Bucket	1976 mm
Maximum Reach - With Arms Parallel to Ground	1249 mm
Bucket Pin Height - Maximum Lift	3001 mm
Reach - Maximum Lift/Dump	653 mm
Rack Back Angle - Maximum Height	88.2°
Turning Radius from Center - Coupler	1102 mm

Hydraulic System

Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow	99 l/min
Hydraulic Flow - Standard - Hydraulic Power (Calculated)	26.5 kW
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	23000 kPa
Hydraulic Flow - Standard - Loader Hydraulic Flow	69 l/min
Hydraulic Flow - Standard - Loader Hydraulic Pressure	23000 kPa
Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	38 kW

Cab

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

Power Train

Travel Speed - Forward or Reverse - One Speed	12.3 km/h
Travel Speed - Forward or Reverse - Two Speed Option	17.8 km/h

Service Refill Capacities

Cooling System	12 l
Engine Crankcase	10 l
Fuel Tank	57 l
Hydraulic System	45 l
Hydraulic Tank	34 l

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.