

Skid Steer Loaders 236D3

Engine

Gross Power - SAE J1995	55.4 kW
Net Power - SAE 1349	54.6 kW
Displacement	3.3 l
Stroke	120 mm
Bore	94 mm
Net Flywheel Power	54.6 kW
Engine Model	Cat 3.3B DIT (turbo)
Peak Torque - 1,500 rpm - SAE J1995	265 N·m
Net Power - ISO 9249	55.1 kW

Operating Specifications

Rated Operating Capacity	820 kg
Tipping Load	1635 kg
Breakout Force - Tilt Cylinder	2269 kg
Rated Operating Capacity with Optional Counterweight	910 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, one speed, OROPS, 1730 mm (68 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).

Weights

Operating Weight	2979 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, one speed, OROPS, 1730 mm (68 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).

Dimensions

Wheel Base	1105 mm
Height - Top of Cab	2082 mm
Vehicle Width over Tires	1676 mm
Ground Clearance	195 mm
Departure Angle	26°
Maximum Dump Angle	48°
Maximum Reach - With Arms Parallel to Ground	1353 mm
Turning Radius from Center - Machine Rear	1639 mm
Bucket Pin Height - Maximum Lift	3122 mm

Length - Without Bucket	2767 mm
Rack Back Angle - Maximum Height	91°
Turning Radius from Center - Bucket	2107 mm
Turning Radius from Center - Coupler	1314 mm
Clearance at Maximum Lift and Dump	2359 mm
Reach - Maximum Lift/Dump	408 mm
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, one speed, OROPS, 1730 mm (68 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).
Bumper Overhang - Behind Rear Axle	1021 mm
Maximum Overall Height	3977 mm
Length - With Bucket on Ground	3487 mm
Bucket Pin Height - Carry Position	190 mm

Hydraulic System

Hydraulic Flow - Standard - Loader Hydraulic Flow	76 l/min
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	23000 kPa
Hydraulic Flow - Standard - Hydraulic Power (Calculated)	29 kW
Hydraulic Flow - Standard - Loader Hydraulic Pressure	23000 kPa
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow	112 l/min
Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	43 kW

Cab

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

Power Train

Travel Speed - Forward or Reverse - Two Speed Option	17.1 km/h
Travel Speed - Forward or Reverse - One Speed	11.2 km/h

Service Refill Capacities

Chain Box - Each Side	8.8 l
Cooling System	14 l
Engine Crankcase	11 l
Fuel Tank	94 l
Hydraulic System	50 l
Hydraulic Tank	39 l

Noise Level

Outside Cab**	101 dB(A)
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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.
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)
Note (1)	Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.

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 CO ₂ equivalent of 1.158 metric tonnes.
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