

Skid Steer Loaders 272D3 XE

Engine

Gross Power - SAE J1995	82 kW
Net Power - SAE 1349	79 kW
Displacement	3.8 l
Stroke	120 mm
Bore	100 mm
Net Flywheel Power	79 kW
Engine Model	Cat C3.8 DIT (turbo)
Net Power - ISO 9249	80 kW
Peak Torque - 1,500 rpm - SAE J1995	374 N·m

Operating Specifications

Rated Operating Capacity	1680 kg
Tipping Load	3365 kg
Breakout Force - Tilt Cylinder	3339 kg
Breakout Force - Lift Cylinder	2760 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, ride control, enclosed cab with glass door, side windows, air conditioning, air ride seat, advanced display, rearview camera, 1,000 CCA battery, dual direction self level, 2036 mm (80 in) low profile bucket, no optional counterweights, Cat PC 14 × 17.5 tires and manual quick coupler (unless otherwise noted).
Rated Operating Capacity with Optional Counterweight	1795 kg

Weights

Operating Weight	4342 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, ride control, enclosed cab with glass door, side windows, air conditioning, air ride seat, advanced display, rearview camera, 1,000 CCA battery, dual direction self level, 2036 mm (80 in) low profile bucket, no optional counterweights, Cat PC 14 × 17.5 tires and manual quick coupler (unless otherwise noted).

Dimensions

Wheel Base	1386 mm
Height - Top of Cab	2133 mm
Vehicle Width over Tires	1930 mm
Ground Clearance	263 mm
Departure Angle	28°

Maximum Dump Angle	51°
Bumper Overhang - Behind Rear Axle	1175 mm
Turning Radius from Center - Machine Rear	1899 mm
Length - Without Bucket	3226 mm
Reach - Maximum Lift/Dump	736 mm
Clearance at Maximum Lift and Dump	2474 mm
Bucket Pin Height - Maximum Lift	3265 mm
Bucket Pin Height - Carry Position	235 mm
Turning Radius from Center - Coupler	1466 mm
Bucket Pin Reach - Maximum Lift	344 mm
Rack Back Angle - Maximum Height	84°
Maximum Overall Height	4103 mm
Length - With Bucket on Ground	3937 mm
Maximum Reach - With Arms Parallel to Ground	1246 mm
Turning Radius from Center - Bucket (racked)	2301 mm
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, ride control, enclosed cab with glass door, side windows, air conditioning, air ride seat, advanced display, rearview camera, 1,000 CCA battery, dual direction self level, 2036 mm (80 in) low profile bucket, no optional counterweights, Cat PC 14 × 17.5 tires and manual quick coupler (unless otherwise noted).
Roll Back Angle	28°

Hydraulic System

Standard Flow Mode - Loader Hydraulic Pressure	23000 kPa
Standard Flow Mode - Hydraulic Power - Calculated	33 kW
Standard Flow Mode - Loader Hydraulic Flow	86 l/min
Note	*When equipped with Cat 400 Series work tools.
Hydraulic Flow - XE - Maximum Loader Hydraulic Pressure	28000 kPa
Hydraulic Flow - XE - Maximum Loader Hydraulic Flow*	150 l/min
Hydraulic Flow - XE - Hydraulic Power (calculated)	70 kW

Cab

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

Power Train

Travel Speed - Forward or Reverse - One Speed	11.6 km/h
Travel Speed - Forward or Reverse - Two Speed	16.6 km/h

Service Refill Capacities

Cooling System	16 l
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Engine Crankcase	13 l
Fuel Tank	120 l
Hydraulic System	55 l
Hydraulic Tank	39 l
Chain Box - Each Side	10.2 l
Diesel Exhaust Fluid (DEF) Tank	19 l

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.

Noise Level

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.

Outside Cab***

104 dB(A)

Inside Cab**

83 dB(A)

Note (1)

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

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.