

Compact Track Loaders 259D3

Engine

Gross Power - SAE J1995	55.4 kW
Displacement	3.3 l
Net Power	54.6 kW
Bore	94 mm
Engine Model	Cat C3.3B DIT (turbo)
Gross Power	55.4 kW
Net Power - SAE 1349	54.6 kW
Stroke	120 mm
Peak Torque - 1,500 rpm - SAE J1995	265 N·m
Net Power - ISO 9249	55.1 kW

Operating Specifications

Rated Operating Capacities - 35% Tipping Load	915 kg
Tipping Load	2610 kg
Breakout Force - Tilt Cylinder	2252 kg
Ground Contact Area - With 320 mm/12.6 in Track	0.96 m ²
Ground Pressure - With 320 mm/12.6 in Track	41.8 kPa
Rated Operating Capacities - 50% Tipping Load	1305 kg
Ground Contact Area - With 400 mm/15.7 in Track	1.19 m ²
Rated Operating Capacity with Optional Counterweight	1390 kg
Ground Pressure - With 400 mm/15.7 in Track	34 kPa
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 1730 mm (68 in) low profile bucket, 320 mm (12.6 in) tracks, dual flange front idler/single flange rear idler, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).

Weights

Operating Weight	4076 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 1730 mm (68 in) low profile bucket, 320 mm (12.6 in) tracks, dual flange front idler/single flange rear idler, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).

Dimensions

Length - Track on Ground	1499 mm
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Overall Length - Track	1999 mm
Height - Top of Cab	2111 mm
Ground Clearance	226 mm
Departure Angle	35°
Maximum Dump Angle	52°
Bucket Pin Height - Carry Position	198 mm
Vehicle Width (400 mm/15.7 in tracks)	1755 mm
Turning Radius from Center - Coupler	1392 mm
Bucket Pin Reach - Maximum Lift	238 mm
Vehicle Width (320 mm/12.6 in tracks)	1676 mm
Maximum Reach - With Arms Parallel to Ground	1305 mm
Maximum Overall Height	3915 mm
Turning Radius from Center - Bucket	2184 mm
Bucket Pin Height - Maximum Lift	3075 mm
Length - Without Bucket	2767 mm
Rack Back Angle - Maximum Height	87°
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 1730 mm (68 in) low profile bucket, 320 mm (12.6 in) tracks, dual flange front idler/single flange rear idler, standard flow hydraulics, mechanical suspension seat, no optional counterweights and manual quick coupler (unless otherwise noted).
Turning Radius from Center - Machine Rear	1561 mm
Length - With Bucket on Ground	3486 mm
Clearance at Maximum Lift and Dump	2283 mm
Reach - Maximum Lift/Dump	608 mm

Hydraulic System

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

Cab

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

Power Train

Travel Speed - Forward or Reverse - One Speed	9.5 km/h
Travel Speed - Forward or Reverse - Two Speed	13.7 km/h

Service Refill Capacities

Hydraulic System	50 l
Fuel Tank	94 l
Engine Crankcase	11 l
Hydraulic Tank	39 l
Cooling System	14 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.
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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.
Outside Cab***	103 dB(A)
Inside Cab**	83 dB(A)
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 (1)	Cab and Rollover Protective Structures (ROPS) are standard in North America and Europe.