

# Compact Track Loaders 289D3

## Engine

Gross Power - SAE J1995	55.4 kW
Net Power - SAE 1349	53.6 kW
Displacement	3.3 l
Bore	94 mm
Stroke	120 mm
Net Power - ISO 9249	54.1 kW
Engine Model	Cat C3.3B DIT (turbo)
Peak Torque - 1,600 rpm - SAE J1995	265 N·m
Net Power	53.6 kW
Net Power SAE 1349†	54 kW
Note	Net power advertised is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler/aftertreatment and cooling fan.
Net Power ISO 9249†	54.6 kW
Emissions	†Engine meeting Brazil MAR-1 and China Nonroad Stage III emission standards emits equivalent to U.S. EPA Tier 4 Interim and is offered only for Australia/New Zealand, Brazil, China, French Polynesia, Hong Kong, Macedonia and New Caledonia.

## Operating Specifications

Rated Operating Capacities - 35% Tipping Load	1315 kg
Tipping Load	3750 kg
Breakout Force - Tilt Cylinder	3307 kg
Rated Operating Capacity with Optional Counterweight	1985 kg
Ground Pressure - With 450 mm/17.7 in Track	32.2 kPa
Rated Operating Capacities - 50% Tipping Load	1880 kg
Ground Contact Area - With 450 mm/17.7 in Track	1.47 m <sup>2</sup>
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 2036 mm (80 in) low profile bucket, 450 mm (17.7 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	4848 kg
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 2036 mm (80 in) low profile bucket, 450 mm (17.7 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	1630 mm
Overall Length - Track	2129 mm
Height - Top of Cab	2113 mm
Ground Clearance	226 mm
Departure Angle	33°
Maximum Dump Angle	51°
Clearance at Maximum Lift and Dump	2387 mm
Reach - Maximum Lift/Dump	761 mm
Bucket Pin Height - Carry Position	190 mm
Length - Without Bucket	2995 mm
Maximum Reach - With Arms Parallel to Ground	1270 mm
Length - With Bucket on Ground	3714 mm
Bucket Pin Height - Maximum Lift	3178 mm
Bucket Pin Reach - Maximum Lift	369 mm
Maximum Overall Height	4015 mm
Turning Radius from Center - Machine Rear	1796 mm
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 2036 mm (80 in) low profile bucket, 450 mm (17.7 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 - Coupler	1410 mm
Rack Back Angle - Maximum Height	84°
Turning Radius from Center - Bucket	2256 mm
Vehicle Width (450 mm/17.7 in tracks)	1981 mm

## Hydraulic System

Hydraulic Flow - Standard - Loader Hydraulic Pressure	23000 kPa
Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Pressure	28000 kPa
Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Flow	121 l/min
Hydraulic Flow - Standard - Loader Hydraulic Flow	86 kPa
Hydraulic Flow - High Flow XPS - Hydraulic Power (Calculated)	57 kW
Hydraulic Flow - Standard - Hydraulic Power (Calculated)	33 kW

## Cab

ROPS	ISO 3471:2008
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## Power Train

Travel Speed - Forward or Reverse - One Speed	7.2 km/h
Travel Speed - Forward or Reverse - Two Speed	13.3 km/h

## Service Refill Capacities

Cooling System	14 l
Engine Crankcase	11 l
Fuel Tank	105 l
Hydraulic System	52 l
Hydraulic Tank	39 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 1 kg of refrigerant which has a CO2 equivalent of 1.430 metric tonnes.
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## Noise Level

Note (1)	**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.
Inside Cab**	83 dB(A)
Outside Cab***	103 dB(A)
Note (2)	***The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC.