

OVERVIEW

The Cat 289D Compact Track Loader, with its vertical lift design, delivers extended reach and lift height for quick and easy truck loading. Its standard, suspended undercarriage system provides superior traction, flotation, stability and speed to work in a wide range of applications and underfoot conditions.

ENGINE

Engine Model

Cat C3.3B DIT (turbo)

Net Power

72.90 hp

Gross Power

74.30 hp

Gross Power SAE J1995

74.30 hp

Net Power SAE 1349

72.90 hp

Displacement

203.00 in³

Bore

3.70 in

Stroke

4.70 in

OPERATING SPECIFICATIONS

Rated Operating Capacities - 50% Tipping Load

3800.00 lb

Rated Operating Capacities - 35% Tipping Load

2660.00 lb

Ground Contact Area (400 mm/15.7 in track)

2015.00 in²

Ground Pressure (400 mm/15.7 in track)

5.20 psi

Tipping Load

7600.00 lb

Breakout Force, Tilt Cylinder

7291.00 lb

Ground Contact Area - With 400 mm/15.7 in Track

2015.00 in²

POWER TRAIN

Travel Speed (Forward or Reverse): One Speed

4.50 mph

Travel Speed (Forward or Reverse): Two Speed

7.00 mph

WEIGHTS

Operating Weight

10533.00 lb

SERVICE REFILL CAPACITIES

Cooling System

3.70 gal

Engine Crankcase

3.00 gal

Fuel Tank

24.80 gal

Hydraulic System

13.70 gal

Hydraulic Tank

10.30 gal

DIMENSIONS

Length of Track on Ground

64.20 in

Overall Length - Track

83.80 in

Length with Bucket on Ground

146.20 in

Length without Bucket

117.90 in

Height to Top of Cab

83.20 in

Vehicle Width (400 mm/15.7 in tracks)

76.00 in

Maximum Overall Height

158.10 in

Bucket Pin Height at Maximum Lift

125.10 in

Bucket Pin Height at Carry Position

7.50 in

Reach at Maximum Lift and Dump

30.00 in

Clearance at Maximum Lift and Dump

94.00 in

Ground Clearance

8.90 in

Departure Angle

33°

Vehicle Width (400 mm/15.7 in tracks)

76.00 in

51°

Vehicle Width (450 mm/17.7 in tracks)

78.00 in

Turning Radius from Center – Coupler

55.50 in

Turning Radius from Center – Bucket

88.80 in

Maximum Reach with Arms Parallel to Ground

50.00 in

Rack Back Angle at Maximum Height

84°

Bucket Pin Reach at Maximum Lift

14.50 in

HYDRAULIC SYSTEM

Hydraulic Flow – Standard: Loader Hydraulic Pressure

3335.00 psi

Hydraulic Flow – Standard: Loader Hydraulic Flow

23.00 gal/min

Hydraulic Flow – Standard: Hydraulic Power (calculated)

44.00 hp

Hydraulic Flow – High Flow XPS: Maximum Loader Hydraulic Pressure

4061.00 psi

Hydraulic Flow – High Flow XPS: Maximum Loader Hydraulic Flow

32.00 gal/min

Hydraulic Flow – High Flow XPS: Hydraulic Power (calculated)

76.00 hp

CAB

ROPS

ISO 3471:2008

FOPS

ISO 3449:2005 Level I

FOPS Level II

ISO 3449:2005 Level II

ENGINE

Net Power ISO 9249

73.70 hp

Peak Torque at 1,500 rpm SAE J1995

195.00 lbf-ft

WEIGHTS

Note

Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 1981 mm (78 in) dirt bucket, 400 mm (15.7 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).

OPERATING SPECIFICATIONS

Ground Contact Area (450 mm/17.7 in track)

2272.00 in²

Ground Pressure (450 mm/17.7 in track)

4.60 psi

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Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, two speed, OROPS, 1981 mm (78 in) dirt bucket, 400 mm (15.7 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

Vehicle Width (450 mm/17.7 in tracks)

78.00 in

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NOISE LEVEL

Inside Cab**

83.00 dB(A)

Outside Cab***

103.00 dB(A)

Note

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

Note

**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

***The labeled sound power level for the CE marked configurations when measured according to the test procedure and conditions specified in 2000/14/EC.

AIR CONDITIONING SYSTEM

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.0 kg of refrigerant which has a CO₂ equivalent of 1.430 metric tonnes.

ENGINE

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Net Power

72.90 HP

Gross Power

74.30 HP

Gross Power - SAE J1995

74.30 HP

Net Power - SAE 1349

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Operating Weight

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Tipping Load

7600.00 lb

Breakout Force - Tilt Cylinder

7291.00 lb

Rated Operating Capacity with Optional Counterweight

4050.00 lb

Ground Pressure - With 400 mm/15.7 in Track

5.20 psi

DIMENSIONS

Length - Track on Ground

64.20 in

Height - Top of Cab

83.20 in

Ground Clearance

8.90 in

Departure Angle

33°

Maximum Dump Angle

51°

Bucket Pin Height - Carry Position

7.50 in

Bucket Pin Height - Maximum Lift

125.10 in

Bucket Pin Reach - Maximum Lift

14.50 in

Clearance at Maximum Lift and Dump

94.00 in

Length - With Bucket on Ground

146.20 in

Length - Without Bucket

117.90 in

Maximum Overall Height

158.10 in

Maximum Reach - With Arms Parallel to Ground

50.00 in

Rack Back Angle - Maximum Height

84°

Reach - Maximum Lift/Dump

30.00 in

Turning Radius from Center - Bucket

88.80 in

Turning Radius from Center - Coupler

55.50 in

Turning Radius from Center - Machine Rear

70.70 in

HYDRAULIC SYSTEM

Hydraulic Flow - High Flow XPS - Hydraulic Power (Calculated)

76.00 HP

Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Flow

32.00 gal/min

Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Pressure

4061.00 psi

Hydraulic Flow - Standard - Hydraulic Power (Calculated)

44.00 HP

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CAB

ROPS

ISO 3471:2008

FOPS

ISO 3449:2005 Level I

FOPS Level II

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Travel Speed - Forward or Reverse - One Speed

4.50 mile/h

Travel Speed - Forward or Reverse - Two Speed

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ENGINE

Net Power - ISO 9249

73.70 HP

Peak Torque - 1,500 rpm - SAE J1995

195.00 ft·lbf

NOISE LEVEL

Inside Cab**

83.00 dB(A)

Note (1)

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Note (2)

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Outside Cab***

103.00 dB(A)

OPERATING SPECIFICATIONS

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2272.00 in²

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