

# Product Specifications For 289D3



## Engine

<b>Gross Power - SAE J1995</b>	74.3 hp
<b>Net Power - SAE 1349</b>	72.9 hp
<b>Displacement</b>	203 in <sup>3</sup>
<b>Bore</b>	3.7 in
<b>Stroke</b>	4.7 in
<b>Net Power</b>	72.9 hp
<b>Note</b>	Net power advertised is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler/aftertreatment and cooling fan.
<b>Engine Model</b>	Cat C3.3B DIT (turbo)
<b>Peak Torque - 1,500 rpm - SAE J1995</b>	195 ft·lbf
<b>Net Power - ISO 9249</b>	73.7 hp

## Operating Specifications

<b>Rated Operating Capacities - 35% Tipping Load</b>	2890 lb
<b>Tipping Load</b>	8255 lb
<b>Breakout Force - Tilt Cylinder</b>	7291 lb

<b>Rated Operating Capacity with Optional Counterweight</b>	4370 lb
<b>Rated Operating Capacities - 50% Tipping Load</b>	4130 lb
<b>Ground Pressure - With 450 mm/17.7 in Track</b>	4.7 psi
<b>Ground Contact Area - With 450 mm/17.7 in Track</b>	2272 in <sup>2</sup>
<b>Note</b>	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

<b>Operating Weight</b>	10688 lb
<b>Note</b>	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).

# Service Refill Capacities

<b>Cooling System</b>	3.7 gal (US)
<b>Engine Crankcase</b>	3 gal (US)
<b>Fuel Tank</b>	27.7 gal (US)

Hydraulic System	13.7 gal (US)
Hydraulic Tank	10.3 gal (US)

# Dimensions

Length - Track on Ground	64.2 in
Overall Length - Track	83.8 in
Height - Top of Cab	83.2 in
Ground Clearance	8.9 in
Departure Angle	33°
Maximum Dump Angle	51°
Clearance at Maximum Lift and Dump	94 in
Turning Radius from Center - Machine Rear	70.7 in
Length - Without Bucket	117.9 in
Maximum Reach - With Arms Parallel to Ground	50 in
Turning Radius from Center - Bucket	88.8 in

<b>Bucket Pin Height - Carry Position</b>	7.5 in
<b>Turning Radius from Center - Coupler</b>	55.5 in
<b>Bucket Pin Height - Maximum Lift</b>	125.1 in
<b>Reach - Maximum Lift/Dump</b>	30 in
<b>Length - With Bucket on Ground</b>	146.2 in
<b>Maximum Overall Height</b>	158.1 in
<b>Rack Back Angle - Maximum Height</b>	84°
<b>Bucket Pin Reach - Maximum Lift</b>	14.5 in
<b>Vehicle Width (450 mm/17.7 in tracks)</b>	78 in

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).

## Cab

ROPS

ISO 3471:2008

FOPS

ISO 3449:2005 Level I

## Hydraulic System

Hydraulic Flow - Standard - Hydraulic Power (Calculated)	44 hp
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Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Pressure	4061 psi
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Hydraulic Flow - Standard - Loader Hydraulic Flow	23 psi
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Hydraulic Flow - High Flow XPS - Hydraulic Power (Calculated)	76 hp
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Hydraulic Flow - Standard - Loader Hydraulic Pressure	3335 psi
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Hydraulic Flow - High Flow XPS - Maximum Loader Hydraulic Flow	32 gal/min
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## Power Train

Travel Speed - Forward or Reverse - Two Speed	8.3 mile/h
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Travel Speed - Forward or Reverse - One Speed	4.5 mile/h
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## Air Conditioning System (If Equipped)

<b>Air Conditioning</b>	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

<b>Note (2)</b>	**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.
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<b>Outside Cab***</b>	103 dB(A)
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<b>Inside Cab**</b>	83 dB(A)
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**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.

**Note (1)**

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

## 289D3 Standard Equipment

### ELECTRICAL

12 volt Electrical System

80 ampere Alternator

Ignition Key Start/Stop Switch

Lights: Gauge Backlighting, Two Rear Tail Lights, Two Rear Halogen Working Lights, Two Adjustable Front Halogen Lights, Dome Light

Backup Alarm

Heavy Duty Battery, 850 CCA

### OPERATOR ENVIRONMENT

Advanced Display with Rearview Camera: Full Color, 127 mm (5 in) LCD screen; Advanced Multi-operator Security System; On-screen Adjustments for Implement Response, Hystat Response and Creep Control

Gauges: Fuel Level, Hour Meter

Operator Warning System Indicators: Air Filter Restriction, Alternator Output, Armrest Raised/Operator Out of Seat, Engine Coolant Temperature, Engine Oil Pressure, Glow Plug Activation, Hydraulic Filter Restriction, Hydraulic Oil Temperature, Park Brake Engaged, Engine Emission System

Adjustable Vinyl Seat

Fold In Ergonomic Contoured Armrest

Control Interlock System, when operator leaves seat or armrest raised: Hydraulic System Disables, Hydrostatic Transmission Disables, Parking Brake Engages

ROPS Cab, Open, Tilt Up

FOPS, Level I

Top and Rear Windows

Floor Mat

Interior Rearview Mirror

12 volt Electric Socket

Horn

Hand (Dial) Throttle, Electronic

Adjustable Joystick Controls

Anti-theft Security System with 6-button Keypad

Storage Compartment with Netting

### POWER TRAIN

Cat C3.3B, Turbo Diesel Engine, Meeting Tier 4 Final and Stage V Emission Standards

Air Cleaner, Dual Element, Radial Seal

S-O-SSM Sampling Valve, Hydraulic Oil  
Filters, Cartridge-type, Hydraulic

Filters, Canister-type, Fuel and Water Separator  
Radiator/Hydraulic Oil Cooler (side-by-side)  
Spring Applied, Hydraulically Released, Wet Multi Disc Parking Brakes  
Hydrostatic Transmission, Two Speed Travel  
Suspension – Independent Torsion Axles (4)

## **OTHER**

Engine Enclosure, Lockable  
Extended Life Antifreeze, -37° C (-34° F)  
Machine Tie Down Points (6)  
Support, Lift Arm  
Hydraulic Oil Level Sight Gauge  
Radiator Coolant Level Sight Gauge  
Radiator, Expansion Bottle  
Cat ToughGuard™ Hose  
Auxiliary, Hydraulics, Continuous Flow  
Heavy Duty, Flat Faced Quick Disconnects with Integrated Pressure Release  
Split D-Ring to Route Work Tool Hoses Along Side of Left Lift Arm  
Electrical Outlet, Beacon  
Belly Pan Cleanout  
Variable Speed Demand Fan  
Product Link™ PL243, Cellular

## **MANDATORY EQUIPMENT**

Hydraulics, Standard or High Flow XPS  
Quick Coupler, Mechanical or Powered  
High Visibility Seat Belt, 50 mm (2 in) or 75 mm (3 in)  
Steel Imbed Rubber Track – 450 mm (17.7 in)  
Dual Flange Front Idler/Single Flange Rear Idler or Triple Flange Front/Rear Idlers

### **PERFORMANCE PACKAGES:**

- Performance Package H1: Standard Flow Hydraulics (No Self Level)
- Performance Package H2: Standard Flow, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)
- Performance Package H3: High Flow XPS, Dual Direction Electronic Self Level (Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)

### **COMFORT PACKAGES:**

- Open ROPS (C0): Static Seat (No Foot Throttle, Headliner, Heater or Door)
- Open ROPS (C1): Foot Throttle, Headliner, Cup Holder, and choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) (No Heater or Door)
- Enclosed ROPS with Heater (C2): Foot Throttle, Headliner, Heater and Defroster, Side Windows, Cup Holder, Radio Ready, choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) and Door (Glass or Polycarbonate)
- Enclosed ROPS with A/C (C3): C2 + Air Conditioner

## **289D3 Optional Equipment**

## **OPTIONAL EQUIPMENT**

Hand-Foot Style Controls

External Counterweights

Beacon, Rotating

Engine Block Heater – 120V

Oil, Hydraulic, Cold Operation

Paint, Custom

Heavy Duty Battery, 1,000 CCA

Product Link PL641, Cellular

Ride Control

Bluetooth® Radio with Microphone (AM/FM/Weather Band Receiver with USB and Auxiliary Input Jack)