

# Product Specifications For 226D3



## Engine

Gross Power - SAE J1995:2014	67.1 hp
Net Power - SAE 1349	65.8 hp
Displacement	134.3 in <sup>3</sup>
Stroke	3.9 in
Bore	3.3 in
Engine Model	Cat C2.2 CRDI
Peak Torque - 1,500 rpm - SAE J1995	153 ft·lbf
Net Power - ISO 9249	66.5 hp

## Operating Specifications

Rated Operating Capacity	1550 lb
Rated Operating Capacity with Optional Counterweight	1650 lb
Tipping Load	3100 lb
Breakout Force - Tilt Cylinder	3927 lb
Note	* Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (OROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

## Weights

**Operating Weight** 5849 lb

**Note** \* Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (OROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

Dimensions

**Wheel Base** 41.5 in

**Length - With Bucket on Ground** 127.3 in

**Length - Without Bucket** 99.4 in

**Height - Top of Cab** 79.8 in

**Vehicle Width over Tires** 58.9 in

**Maximum Overall Height** 143.8 in

**Bucket Pin Height - Maximum Lift** 110.9 in

**Bucket Pin Height - Carry Position** 8.5 in

**Reach - Maximum Lift/Dump** 21 in

<b>Clearance at Maximum Lift and Dump</b>	81.8 in
<b>Ground Clearance</b>	6.9 in
<b>Departure Angle</b>	27.9°
<b>Maximum Dump Angle</b>	46.7°
<b>Rack Back Angle - Maximum Height</b>	88.9°
<b>Bumper Overhang - Behind Rear Axle</b>	35.2 in
<b>Turning Radius from Center - Bucket</b>	77.8 in
<b>Maximum Reach - With Arms Parallel to Ground</b>	50.7 in
<b>Turning Radius from Center - Machine Rear</b>	59.6 in
<b>Turning Radius from Center - Coupler</b>	43.5 in

**Note**                      \* Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, single speed, 1576 mm (62 in) low profile bucket, Cat 10 × 16.5 tires, standard flow hydraulics, C1 cab (ROPS, mechanical seat), 850 CCA battery, manual quick coupler, no self level and no optional counterweights (unless otherwise noted).

Cab

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

Service Refill Capacities

Chain Box - Each Side	1.8 gal (US)
Cooling System	3.2 gal (US)
Engine Crankcase	2.6 gal (US)
Fuel Tank	15.1 gal (US)
Hydraulic System	11.9 gal (US)
Hydraulic Tank	9 gal (US)

Hydraulic System

Hydraulic Flow - Standard - Loader Hydraulic Pressure	3336 psi
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	3336 psi
Hydraulic Flow - Standard - Hydraulic Power (Calculated)	33.5 hp
Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	50.9 hp
Hydraulic Flow - Standard - Loader Hydraulic Flow	18 gal/min
Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow	26 gal/min

Power Train

**Travel Speed - Forward or Reverse - One Speed**

7.6 mile/h

**Travel Speed - Forward or Reverse - Two Speed Option**

11.1 mile/h

## 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

### Outside Cab\*\*\*

102 dB(A)

### Inside Cab\*\*

83 dB(A)

### 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.

### 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.

## 226D3 Standard Equipment

### ELECTRICAL

12 volt Electrical System

80 ampere Alternator

Ignition Key Start/Stop Switch

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

Backup Alarm

Heavy Duty Battery, 850 CCA

### OPERATOR ENVIRONMENT

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, Parking Brake Engaged

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 C2.2, 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  
ATAAC/Radiator/Hydraulic Oil Cooler (side-by-side)  
Spring Applied, Hydraulically Released Parking Brakes  
Hydrostatic Transmission  
Four Wheel Chain Drive

## **OTHER**

Engine Enclosure, Lockable  
Extended Life Antifreeze, -36° C (-33° 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™ PL240, Cellular

## **MANDATORY EQUIPMENT**

Hydraulics, Standard or High Flow  
Quick Coupler, Mechanical or Powered  
Highly Visible Seat Belt, 50 mm (2 in) or 75 mm (3 in)

EU Preparation Package (Europe only)

Power Train: One Speed, One Speed with Ride Control, Two Speed

Tires, 10 × 16.5

**PERFORMANCE PACKAGES:**

- Performance Package H1: Standard Flow Hydraulics (No Self Level)
- Performance Package H2: Standard Flow Hydraulics, 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 Hydraulics, 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 (C1): Foot Throttle, Headliner, Cup Holder, and choice of Seat (High Back, Heated, Air Ride Seat) (No Heater or Door)
- Enclosed ROPS with A/C (C3): Foot Throttle, Headliner, Heater and Defroster, Air Conditioner, Side Windows, Cup Holder, Radio Ready, choice of Seat (Mechanical Suspension or High Back, Heated, Air Ride Seat) and Door (Glass or Polycarbonate)

## **226D3 Optional Equipment**

### **OPTIONAL EQUIPMENT**

Hand-Foot Style Controls

External Counterweights

Beacon, Rotating

Engine Block Heater – 120V

Oil, Hydraulic, Cold Operation

Product Link PL641, Cellular

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; Standard Equipment in Europe Only

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