

Product Specifications For 226D3



Engine

Gross Power - SAE J1995:2014	50.1 kW
Net Power - SAE 1349	49.1 kW
Displacement	2.2 l
Stroke	100 mm
Bore	84 mm
Engine Model	Cat C2.2 CRDI
Peak Torque - 1,500 rpm - SAE J1995	208 N·m
Net Power - ISO 9249	49.6 kW

Operating Specifications

Rated Operating Capacity	705 kg
Rated Operating Capacity with Optional Counterweight	750 kg
Tipping Load	1410 kg
Breakout Force - Tilt Cylinder	1781 kg
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 2653 kg

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 1054 mm

Length - With Bucket on Ground 3234 mm

Length - Without Bucket 2524 mm

Height - Top of Cab 2028 mm

Vehicle Width over Tires 1497 mm

Maximum Overall Height 3652 mm

Bucket Pin Height - Maximum Lift 2818 mm

Bucket Pin Height - Carry Position 215 mm

Reach - Maximum Lift/Dump 533 mm

Clearance at Maximum Lift and Dump 2077 mm

Ground Clearance 175 mm

Departure Angle	27.9°
Maximum Dump Angle	46.7°
Rack Back Angle - Maximum Height	88.9°
Bumper Overhang - Behind Rear Axle	8944 mm
Turning Radius from Center - Bucket	1977 mm
Maximum Reach - With Arms Parallel to Ground	1288 mm
Turning Radius from Center - Machine Rear	1513 mm
Turning Radius from Center - Coupler	1104 mm
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).

Cab

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

Service Refill Capacities

Chain Box - Each Side	7 l
Cooling System	12 l

Engine Crankcase	10 l
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Fuel Tank	57 l
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Hydraulic System	45 l
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Hydraulic Tank	34 l
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Hydraulic System

Hydraulic Flow - Standard - Loader Hydraulic Pressure	23000 kPa
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Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure	23000 kPa
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Hydraulic Flow - Standard - Hydraulic Power (Calculated)	26.5 kW
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Hydraulic Flow - High Flow - Hydraulic Power (Calculated)	38 kW
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Hydraulic Flow - Standard - Loader Hydraulic Flow	69 L/min
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Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow	99 L/min
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Power Train

Travel Speed - Forward or Reverse - One Speed	12.3 km/h
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Travel Speed - Forward or Reverse - Two Speed Option	17.8 km/h
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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

Outside Cab***	102 dB(A)
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Inside Cab**	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.

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)