

PRODUCT SPECIFICATIONS FOR 226D3



ENGINE

Gross Power - SAE J1995	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
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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

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HYDRAULIC SYSTEM

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

CAB

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

POWER TRAIN

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

SERVICE REFILL CAPACITIES

Chain Box - Each Side	7 l
Cooling System	12 l
Engine Crankcase	10 l
Fuel Tank	57 l
Hydraulic System	45 l
Hydraulic Tank	34 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 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.

**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 (2)

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)