

PRODUCT SPECIFICATIONS FOR 226D3

ENGINE

Gross Power - SAE J1995	67.1 HP 50.1 kW
Net Power - SAE 1349	65.8 HP 49.1 kW
Displacement	134.3 in ³ 2.2 l
Stroke	3.9 in 100 mm
Bore	3.3 in 84 mm
Engine Model	Cat C2.2 CRDI Cat C2.2 CRDI
Peak Torque - 1,500 rpm - SAE J1995	153 ft·lbf 208 N·m
Net Power - ISO 9249	66.5 HP 49.6 kW

OPERATING SPECIFICATIONS

Rated Operating Capacity	1550 lb 705 kg
Rated Operating Capacity with Optional Counterweight	1650 lb 750 kg
Tipping Load	3100 lb 1410 kg
Breakout Force - Tilt Cylinder	3927 lb 1781 kg

Note

* Operating Weight, Operating Specifications and Dimensions all based on 75 ka

(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). * 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 2653 kg
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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). * 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).
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DIMENSIONS

Wheel Base	41.5 in 1054 mm
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Length - With Bucket on Ground	127.3 in 3234 mm
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Length - Without Bucket	99.4 in 2524 mm
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Height - Top of Cab	79.8 in 2028 mm
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Vehicle Width over Tires	58.9 in 1497 mm
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Maximum	143.8 in 3652 mm
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Overall Height

Bucket Pin Height - Maximum Lift 110.9 in 2818 mm

Bucket Pin Height - Carry Position 8.5 in 215 mm

Reach - Maximum Lift/Dump 21 in 533 mm

Clearance at Maximum Lift and Dump 81.8 in 2077 mm

Ground Clearance 6.9 in 175 mm

Departure Angle 27.9° 27.9°

Maximum Dump Angle 46.7° 46.7°

Rack Back Angle - Maximum Height 88.9° 88.9°

Bumper Overhang - Behind Rear Axle 35.2 in 8944 mm

Turning Radius from Center - Bucket 77.8 in 1977 mm

Maximum 50.7 in 1288 mm

**Reach - With
Arms Parallel to
Ground**

**Turning Radius
from Center -
Machine Rear** 59.6 in 1513 mm

**Turning Radius
from Center -
Coupler** 43.5 in 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). * 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).

HYDRAULIC SYSTEM

Hydraulic Flow - Standard - Loader Hydraulic Pressure 3336 psi 23000 kPa

Hydraulic Flow - High Flow - Maximum Loader Hydraulic Pressure 3336 psi 23000 kPa

Hydraulic Flow - Standard - Hydraulic Power (Calculated) 33.5 HP 26.5 kW

Hydraulic Flow - High Flow - Hydraulic Power (Calculated) 50.9 HP 38 kW

Hydraulic Flow - Standard - Loader Hydraulic Flow 18 gal/min 69 l/min

Hydraulic Flow - High Flow - Maximum Loader Hydraulic Flow 26 gal/min 99 l/min

CAB

ROPS ISO 3471:2008 ISO 3471:2008

FOPS ISO 3449:2005 Level I ISO 3449:2005 Level I

POWER TRAIN

Travel Speed - Forward or Reverse - One Speed	7.6 mile/h 12.3 km/h
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Travel Speed - Forward or Reverse - Two Speed Option	11.1 mile/h 17.8 km/h
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SERVICE REFILL CAPACITIES

Chain Box - Each Side	1.8 gal (US) 7 l
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Cooling System	3.2 gal (US) 12 l
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Engine Crankcase	2.6 gal (US) 10 l
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Fuel Tank	15.1 gal (US) 57 l
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Hydraulic System	11.9 gal (US) 45 l
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Hydraulic Tank	9 gal (US) 34 l
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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. 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) 102 dB(A)
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Inside Cab**	83 dB(A) 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. ***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. 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. **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

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:

Package Standard Flow Hydraulics (No Self Level)

(Raise and Lower), Work Tool Return to Dig, Work Tool Positioner, and Electronic Snubbing (Raise and Lower)

COMFORT PACKAGES:

(Opt Throttle, Headliner, Cup Holder, and choice of Seat (High Back, Heated, Air Ride Seat) (No Heater or Door)

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)