

# PRODUCT SPECIFICATIONS FOR 226B3



## ENGINE

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<b>Gross Power</b>	45.5 kW
<b>Gross Power - SAE J1995</b>	45.5 kW
<b>Displacement</b>	2.2 l
<b>Stroke</b>	100 mm
<b>Bore</b>	84 mm
<b>Engine Model</b>	Cat® C2.2 T
<b>Net Power - SAE 1349/ISO 9249</b>	42 kW

## WEIGHTS

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<b>Operating Weight</b>	2641 kg
<b>Note</b>	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, 1 speed, OROPS, dirt bucket, tires, no optional counterweights and manual quick coupler (unless otherwise noted).

## OPERATING SPECIFICATIONS

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<b>Rated Operating Capacity</b>	680 kg
<b>Rated Operating Capacity with Optional Counterweight</b>	726 kg
<b>Tipping Load</b>	1360 kg
<b>Breakout Force - Tilt Cylinder</b>	1852 kg
<b>Note</b>	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, 1 speed, OROPS, dirt bucket, tires, no optional counterweights and manual quick coupler (unless otherwise noted).

## HYDRAULIC SYSTEM

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<b>Hydraulic Flow - High Flow - Hydraulic Power (Calculated)</b>	37.7 kW
<b>Hydraulic Flow - High Flow - Loader Hydraulic Flow</b>	104 l/min

<b>Hydraulic Flow - High Flow - Loader Hydraulic Pressure</b>	23000 kPa
<b>Hydraulic Flow - Standard - Loader Hydraulic Flow</b>	61 l/min
<b>Hydraulic Flow - Standard - Loader Hydraulic Pressure</b>	23000 kPa
<b>Hydraulic Flow - Standard - Hydraulic Power (Calculated)</b>	23.2 kW

## CAB

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<b>ROPS</b>	ISO 3471:2008
<b>FOPS</b>	ISO 3449:2005 Level I

## POWER TRAIN

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**Travel Speed - Forward or Reverse** 12.7 km/h

## SERVICE REFILL CAPACITIES

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<b>Chain Box - Each Side</b>	6 l
<b>Cooling System</b>	10 l
<b>Engine Crankcase</b>	10 l
<b>Fuel Tank</b>	58 l
<b>Hydraulic System</b>	55 l
<b>Hydraulic Tank</b>	35 l

## DIMENSIONS

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<b>Wheel Base</b>	986 mm
<b>Length - With Bucket on Ground</b>	3233 mm
<b>Length - Without Bucket</b>	2519 mm
<b>Height - Top of Cab</b>	1950 mm
<b>Vehicle Width over Tires</b>	1525 mm
<b>Maximum Overall Height</b>	3709 mm
<b>Bucket Pin Height - Maximum Lift</b>	2854 mm
<b>Bucket Pin Height - Carry Position</b>	200 mm
<b>Reach - Maximum Lift/Dump</b>	505 mm
<b>Clearance at Maximum Lift and Dump</b>	2169 mm
<b>Ground Clearance</b>	195 mm

<b>Departure Angle</b>	26°
<b>Maximum Dump Angle</b>	40°
<b>Turn Radius from Center - Coupler</b>	1195 mm
<b>Turn Radius from Center - Bucket</b>	1944 mm
<b>Rack Back Angle - Maximum Height</b>	81°
<b>Bumper Overhang - Behind Rear Axle</b>	967 mm
<b>Maximum Reach with Arms Parallel to Ground</b>	1291 mm

**Note**

Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, 1 speed, OROPS, dirt bucket, tires, no optional counterweights and manual quick coupler (unless otherwise noted).

<b>Turn Radius from Center - Machine Rear</b>	1502 mm
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## 226B3 STANDARD EQUIPMENT

### ELECTRICAL

- 12 volt Electrical System
- 85 ampere Alternator
- Automatic Glow Plug Activation
- Ignition Key Start/Stop Switch
- Lights: Gauge backlighting, two rear tail lights, two adjustable front and rear halogen lights, dome light.

### 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
- Vinyl seat
- Pull Down 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 Rear View Mirror
- 12 volt Electric Socket
- Horn
- Backup Alarm
- Hand and Foot Throttle

## **POWER TRAIN**

- Cat C2.2 T Diesel Engine
- Engine is Tier 4 Interim/Stage IIIA/Bharat Stage III Equivalent
- Engine meets Brazil Mar-1 emission standards equivalent to Tier 4 Interim and Stage IIIA
- Air Cleaner, Dual Element, Radial Seal
- S·O·SSM Sampling Valve, Hydraulic Oil
- Filters, Spin-on, Hydraulic
- Filters, Bayonet-type, Fuel and Water Separator
- Tilt Up Radiator/Hydraulic Oil Cooler
- Spring Applied, Hydraulically Released Parking Brakes
- Hydrostatic Transmission
- Four Wheel Chain Drive

## **OTHER**

- Engine Enclosure, Lockable
- Extended Life Antifreeze,  $-36^{\circ}$  C ( $-33^{\circ}$  F)
- Machine Tie Down Points (4)
- 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
- Split D-Ring to Route Work Tool Hoses Along Side of Left Lift Arm
- Electrical Outlet, Beacon
- Belly Pan Cleanout

## **MANDATORY EQUIPMENT**

- Quick Coupler, Mechanical or Hydraulic
- Seat Belt, 50 mm (2 in) or 75 mm (3 in)
- Cooling Fan, Demand or Standard
- Comfort Packages (must select one of the following):
  - Open ROPS (C0): Static Seat
  - Open ROPS (C1): Suspension Seat, Deluxe Headliner
  - Enclosed ROPS (C2): Features of C1 Package plus Heater, Cab Door, Side Windows, Cup Holder, Cab Debris Barrier
  - Enclosed ROPS (C3): Features of C2 Package plus Air Conditioner
- Control Packages (must select one of the following):
  - Control Package 1: On/Off Auxiliary Hydraulics Basic
  - Control Package 2: Proportional Auxiliary Hydraulics Deluxe
  - Control Package 3: Proportional Auxiliary Hydraulics Deluxe, Work Tool Harness
  - Control Package 4: High Flow Hydraulics

## **226B3 OPTIONAL EQUIPMENT**

### **OPTIONAL EQUIPMENT**

- Variable Speed Demand Fan (not available in all regions)
- Counterweight
- Beacon, Rotating
- Engine Block Heater, 120V or 240V
- Heavy Duty Battery, 880 CCA
- Oil, Hydraulic, Cold Operation
- Door, Glass or Polycarbonate
- Self-Leveling
- Paint, Custom