

PRODUCT SPECIFICATIONS FOR 216B3



Gross Power - SAE J1995		38 kW
Displacement		2.2 l
Stroke		100 mm
Bore		84 mm
Engine Model		Cat C2.2
Net Power - SAE 1349/ISO 9249		35 kW
Rated Operating Capacity	635 kg	
Tipping Load	1270 kg	
Breakout Force - Tilt Cylinder	1852 kg	
Rated Operating Capacity with Optional Counterweight	680 kg	
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, OROPS, 1524 mm (60 in) dirt bucket, Cat 10×16.5 tires, no optional counterweights and manual quick coupler (unless otherwise noted).	
Operating Weight	2581 kg	
Note	Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, OROPS, 1524 mm (60 in) dirt bucket, Cat 10×16.5	

tires, no optional counterweights and manual quick coupler (unless otherwise noted).

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

ROPS	SAE J1040 MAY94, ISO 3471:1994
FOPS	SAE J/ISO 3449 APR98 Level I, ISO 3449:1992 Level I
FOPS Level II	SAE J/ISO 3449 APR98 Level II, ISO 3449:1992 Level II (optional)

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

Travel Speed - Forward or Reverse	12.7 km/h
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Wheel Base	986 mm
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Length - With Bucket on Ground	3233 mm
Length - Without Bucket	2519 mm
Height - Top of Cab	1950 mm
Vehicle Width over Tires	1525 mm
Ground Clearance	195 mm
Departure Angle	26°
Maximum Dump Angle	40°
Bucket Pin Height - Maximum Lift	2854 mm
Reach - Maximum Lift/Dump	505 mm
Turn Radius from Center - Machine Rear	1502 mm
Bucket Pin Height - Carry Position	200 mm
Bumper Overhang - Behind Rear Axle	967 mm
Turn Radius from Center - Bucket	1944 mm
Turn Radius from Center - Coupler	1195 mm
Maximum Reach with Arms Parallel to	1291 mm

Ground

**Clearance at Maximum
Lift and Dump** 2169 mm

**Maximum Overall
Height** 3709 mm

Note Operating Weight, Operating Specifications and Dimensions all based on 75 kg (165 lb) operator, all fluids, OROPS, 1524 mm (60 in) dirt bucket, Cat 10×16.5 tires, no optional counterweights and manual quick coupler (unless otherwise noted).

**Rack Back Angle -
Maximum Height** 81°

216B3 STANDARD EQUIPMENT
ELECTRICAL

12 volt Electrical System

65 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

Interior Rearview Mirror

12 volt Electric Socket

Horn

Backup Alarm

POWER TRAIN

Cat C2.2 Diesel Engine

Meets EU Stage IIIA equivalent and Bharat Stage III emission standards

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

Muffler, Standard

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 (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

Product Link™ PL240, Cellular

MANDATORY EQUIPMENT

Quick Coupler, Mechanical or Hydraulic

Seat Belt, 50 mm (2 in) or 75 mm (3 in)

Comfort Packages (must select one of the following):

- Open ROPS (C0): Static Seat
- Open ROPS (C1): Suspension Seat, Deluxe Headliner
- Enclosed ROPS (C3): Suspension Seat, Deluxe Headliner, Heater, Air Conditioner, Cab Door, Side Windows, Cup Holder, Cab Debris Barrier

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

216B3 OPTIONAL EQUIPMENT

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Counterweight, increases rated operating capacity 45 kg (100 lb)

Beacon, Rotating

Engine Block Heater – 120V or 240V

Oil, Hydraulic, Cold Operation

Heavy Duty Battery, 880 CCA

