

# PRODUCT SPECIFICATIONS FOR 323D3

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## ENGINE

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<b>Net Power - ISO 9249</b>	106 kW
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<b>Engine Model</b>	Cat C7.1
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<b>Engine Power - ISO 14396</b>	113 kW
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<b>Bore</b>	105 mm
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<b>Stroke</b>	135 mm
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<b>Displacement</b>	7.01 l
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## HYDRAULIC SYSTEM

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<b>Main System - Maximum Flow</b>	400 l/min (106 gal/min)
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<b>Maximum Pressure - Equipment</b>	35000 kPa
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<b>Maximum Pressure - Travel</b>	35000 kPa
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<b>Maximum Pressure - Swing</b>	25000 kPa
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## SWING MECHANISM

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<b>Swing Speed</b>	11 r/min
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<b>Maximum Swing Torque</b>	62 kN·m
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## WEIGHTS

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<b>Operating Weight</b>	22800 kg
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## SERVICE REFILL CAPACITIES

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<b>Fuel Tank Capacity</b>	410 l
<b>Cooling System</b>	28 l
<b>Engine Oil</b>	18 l
<b>Swing Drive - Each</b>	6 l
<b>Final Drive - Each</b>	5 l
<b>Hydraulic System - Including Tank</b>	260 l
<b>Hydraulic Tank</b>	138 l

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## DIMENSIONS

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<b>Boom</b>	Reach 5.7 m (18'8")
<b>Stick</b>	Reach 2.5m (8'2")
<b>Bucket</b>	SD 1.20 m <sup>3</sup> (1.57 yd <sup>3</sup> )
<b>Shipping Height - Top of Cab</b>	3050 mm
<b>Handrail Height</b>	2915 mm
<b>Shipping Length</b>	9460 mm
<b>Tail Swing Radius</b>	2750 mm
<b>Counterweight Clearance</b>	1020 mm
<b>Ground Clearance</b>	450 mm
<b>Track Length</b>	4460 mm
<b>Length to Center of Rollers</b>	3650 mm
<b>Track Gauge</b>	2380 mm
<b>Transport Width</b>	2980 mm

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## WORKING RANGES & FORCES

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<b>Maximum Digging Depth</b>	6300 mm
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<b>Boom</b>	Reach 5.7 m (18'8")
<b>Stick</b>	Reach 2.5m (8'2")
<b>Bucket</b>	SD 1.20 m <sup>3</sup> (1.57 yd <sup>3</sup> )
<b>Maximum Reach at Ground Level</b>	9470 mm
<b>Maximum Cutting Height</b>	9250 mm
<b>Maximum Loading Height</b>	6290 mm
<b>Minimum Loading Height</b>	2590 mm
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	5960 mm
<b>Maximum Vertical Wall Digging Depth</b>	5290 mm
<b>Bucket Digging Force - ISO</b>	140 kN
<b>Stick Digging Force - ISO</b>	118 kN

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## 323D3 STANDARD EQUIPMENT

### NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

### CAB

Mechanically adjustable seat with seatbelt

Auto bi-level air conditioner

Sound suppressed cab with viscous mounts

Openable skylight, openable upper windshield and removable bottom windshield

Full color 178 mm (7 in) LCD monitor

### CAT CONNECT TECHNOLOGY

Cat Product Link

### ENGINE

52° C (125° F) high-ambient cooling capacity

4000 m (13,120 ft) altitude capability

Radial seal air filter with double filter element

One touch low idle with auto engine speed control

One-touch low idle with auto engine speed control

Two selectable power modes

Biodiesel capability up to B20

Electric fuel priming pump

Two stage fuel filtration system with water separator and indicator

#### HYDRAULIC SYSTEM

Boom and stick drift reduction valve

Reverse swing damping valve

High performance hydraulic return filter

Boom and stick regeneration circuit

Auto two-speed travel

#### BOOM AND STICK

2.5 m (8'2") HD reach stick

5.7 m (18'8") HD reach boom

#### UNDERCARRIAGE AND STRUCTURES

Tie down points on base frame

4250 kg (9,370 lb) counterweight

600 m (24") triple grouser shoes (12 mm/0.5" thick)

Center track guiding guard

Grease lubricated track links

#### ELECTRICAL SYSTEM

Two 1,000 CCA maintenance free batteries

Halogen chassis light, left-hand boom light, cab lights

#### SERVICE AND MAINTENANCE

Radiator screen

Sampling ports for Scheduled Oil Sampling (S.O.S)

Single plane cooling arrangement

#### SAFETY AND SECURITY

Signaling/warning horn

# 323D3 OPTIONAL EQUIPMENT

## NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

## CAB

Control pattern changer

Roll down sun screen

## ENGINE

-32° C (-25°F)

Engine air pre-filter

## HYDRAULIC SYSTEM

Fine swing control

Hammer return filter circuit

High-pressure auxiliary circuit

Quick coupler circuit for Cat Pin Grabber

## UNDERCARRIAGE AND STRUCTURES

600 mm (24") triple grouser shoes (10 mm/0.4" thick)

Segmented track guiding guard

HD track roller

## ELECTRICAL SYSTEM

Premium surround lighting package