

PRODUCT SPECIFICATIONS FOR 323D3



ENGINE

Net Power - ISO 9249	106 kW
Engine Model	Cat C7.1
Engine Power - ISO 14396	113 kW
Bore	105 mm
Stroke	135 mm
Displacement	7.01 l

HYDRAULIC SYSTEM

Main System - Maximum Flow	400 l/min (106 gal/min)
Maximum Pressure - Equipment	35000 kPa
Maximum Pressure - Travel	35000 kPa
Maximum Pressure - Swing	25000 kPa

SWING MECHANISM

Swing Speed	11 r/min
Maximum Swing Torque	62 kN·m

WEIGHTS

Operating Weight	22800 kg
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SERVICE REFILL CAPACITIES

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

DIMENSIONS

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

Transport Width

2980 mm

WORKING RANGES & FORCES

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

323D3 STANDARD EQUIPMENT

NOTE

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

CAB

Sound suppressed cab with viscous mounts

Full color 178 mm (7 in) analog and LCD monitor

Mechanically adjustable seat with seatbelt

Openable skylight, openable upper windshield and removable bottom windshield

Auto bi-level air conditioner

CAT CONNECT TECHNOLOGY

Cat Product Link™

ENGINE

Two selectable power modes
One-touch low idle with auto engine speed control
Two stage fuel filtration system with water separator and indicator
52° C (125° F) high-ambient cooling capacity
4000 m (13,120 ft) altitude capability
Radial seal air filter with double filter element
Electric fuel priming pump

HYDRAULIC SYSTEM

Boom and stick regeneration circuit
Boom and stick drift reduction valve
Auto two-speed travel
Reverse swing damping valve
High performance hydraulic return filter

BOOM AND STICK

5.7 m (18'8") HD Reach boom
2.5 m (8'2") HD Reach stick

UNDERCARRIAGE AND STRUCTURES

600 m (24") triple grouser shoes (12 mm/0.5" thick)
Grease lubricated track links
Tie down points on base frame
Center track guiding guard
4.25 mt (9,370 lb) counterweight

ELECTRICAL SYSTEM

Two 1,000 CCA maintenance free batteries
Halogen chassis light, left-hand boom light, cab lights

SERVICE AND MAINTENANCE

Sampling ports for Scheduled Oil Sampling (S.O.S)
Single plane cooling arrangement
Radiator screen

SAFETY AND SECURITY

Rear window emergency exit
Two rearview mirrors
Hydraulic lock out lever

Ground level engine shutoff switch
Right-hand handrail and handhold
Signaling/warning horn

323D3 OPTIONAL EQUIPMENT

NOTE

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

CAB

Roll down sun screen
Control pattern changer

ENGINE

-32° C (-25°F) cold start capability
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
Heavy-duty track roller

ELECTRICAL SYSTEM

Premium surround lighting package