

Product Specifications For 305.5E2



Engine

Engine Model	Cat C2.4 DI
Net Power	31.1 kW
Stroke	102.4 mm
Gross Power - 2,400 rpm - SAE J1995	34.1 kW
Net Power - 2,400 rpm - ISO 9249/SAE J1349	31.1 kW
Displacement	2.4 l
Bore	87 mm

Weights

Operating Weight	5400 kg
Operating Weight - With Cab	5400 kg
Note	Weight includes counterweight, steel tracks, 0.22 m ³ bucket, operator.

Blade

Width	1950 mm
Height	360 mm
Dig Depth	480 mm
Lift Height	365 mm

Service Refill Capacities

Cooling System	9.8 l
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Engine Oil	9.5 l
Hydraulic Tank	58 l
Fuel Tank	78 l
Hydraulic System	85 l

Dimensions

Ground Clearance	628 mm
Track Length	2440 mm
Shipping Height	2540 mm
Transport Width	1950 mm
Tail Swing Radius	1580 mm
Track Gauge	1550 mm
Length - Center of Rollers	1920 mm
Track Shoe Width	400 mm
Shipping Length	5765 mm

Hydraulic System

Operating Pressure - Equipment	25000 kPa
Digging Force - Bucket	35 kN
Operating Pressure - Travel	25000 kPa
Pump Flow at 2,400 rpm	140 L/min
Digging Force - Stick	27.2 kN

Type (1)	Load Sensing Hydraulics with Variable Displacement Piston Pump
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Type (2)	Cat
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Operating Pressure - Swing	21600 kPa
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Swing System

Swing Torque	13.9 N·m
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Machine Swing Speed	10.5 min ⁻¹
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Working Ranges

Maximum Reach - Ground Line	5830 mm
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Maximum Reach	5955 mm
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Maximum Depth	3720 mm
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Maximum Digging Height	5460 mm
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Maximum Dump Height	3835 mm
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Maximum Vertical Wall	2210 mm
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Front

Boom Length	3200 mm
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Stick Length	1500 mm
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Travel System

Travel Speed - Low	2.8 km/h
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Travel Speed - High	4.3 km/h
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Gradeability - Maximum	25°
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Maximum Traction Force - High Speed

40.2 kN

Bucket

Bucket Width

766 mm

Bucket Capacity

0.22 m³

305.5E2 Standard Equipment

STANDARD EQUIPMENT

Diesel engine, C2.4

One touch low idle

Two speed travel with manual shift

Caterpillar one key security system

Door locks and cap locks

Signaling/warning horn

Product Link™ – monitors machine hours and location

Muffler with cover

Radial seal air filter, double element

Stacked cooling package

Auxiliary hydraulic valve

Accumulator

Cab:

- Mechanical suspension seat
- Openable front windshield with assist device
- Removable lower windshield
- Windshield wiper and washer
- Interior lighting
- Coat hook
- Radio
- Two stereo speakers
- Antenna
- Cup holder
- Storage pocket
- Mounting for front and top guard (mounting boss)

Monitor:

- Instrument panel and gauge
- Warning information and machine condition

Hour meter

Retractable seat belt (50 mm width)

Hydraulic activation control lever (lock out) for all controls

Two travel control hand levers

Capability to install one additional pedal for auxiliary hydraulic control

Greased and lubricated track

400 mm triple grouser track shoes with holes (for rubber pad)

1950 mm blade with cutting edge

Towing eye on base frame

Rearview mirror, mounted on right hand side of upper frame

Light Group

305.5E2 Optional Equipment

OPTIONAL EQUIPMENT

Auxiliary line

B6 hammer