

# PRODUCT SPECIFICATIONS FOR 335F L

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## ENGINE

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<b>Engine Power - ISO 9249</b>	149 kW
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<b>Engine Model</b>	Cat C7.1
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<b>Engine Power - ISO 14396</b>	152 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>	494 l/min (130.5 gal/min)
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<b>Maximum Pressure - Equipment</b>	35000 kPa
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<b>Maximum Pressure - Equipment - Lift Mode</b>	38000 kPa
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<b>Maximum Pressure - Travel</b>	37000 kPa
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<b>Maximum Pressure - Swing</b>	27400 kPa
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## SWING MECHANISM

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<b>Swing Speed</b>	9.9 r/min
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<b>Maximum Swing Torque</b>	82.2 kN·m
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## WEIGHTS

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<b>Operating Weight</b>	38020 kg
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## SERVICE REFILL CAPACITIES

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<b>Fuel Tank Capacity</b>	385 l
<b>Cooling System</b>	30 l
<b>Engine Oil</b>	24 l
<b>Swing Drive - Each</b>	9 l
<b>Final Drive - Each</b>	8 l
<b>Hydraulic System - Including Tank</b>	290 l
<b>Hydraulic Tank</b>	154 l
<b>DEF Tank</b>	23 l

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## DIMENSIONS

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<b>Boom</b>	Reach Boom 6.15 m
<b>Stick</b>	R3.2CB2 (3.2 m)
<b>Bucket</b>	CB1350HD
<b>Shipping Height - Top of Cab</b>	3540 mm
<b>Shipping Length</b>	9820 mm
<b>Tail Swing Radius</b>	1900 mm
<b>Counterweight Clearance</b>	1200 mm
<b>Ground Clearance</b>	480 mm
<b>Track Length</b>	5020 mm
<b>Length to Center of Rollers</b>	4040 mm
<b>Track Gauge</b>	2590 mm
<b>Transport Width</b>	3440 mm

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## WORKING RANGES & FORCES

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<b>Maximum Digging Depth</b>	6990 mm
<b>Boom</b>	Reach Boom 6.15 m
<b>Stick</b>	R3.2CB2 (3.2 m)
<b>Bucket</b>	CB1350HD
<b>Maximum Reach at Ground Level</b>	10640 mm
<b>Maximum Cutting Height</b>	11150 mm
<b>Maximum Loading Height</b>	7970 mm
<b>Minimum Loading Height</b>	2920 mm
<b>Maximum Depth Cut for 2440 mm (8 ft) Level Bottom</b>	6830 mm
<b>Maximum Vertical Wall Digging Depth</b>	5770 mm
<b>Bucket Digging Force - ISO</b>	179 kN
<b>Stick Digging Force - ISO</b>	126 kN

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## 335F L STANDARD EQUIPMENT

### CAB

ROPS, sound suppression

Mechanically adjustable seat

High-resolution 178 mm (7 in) LCD touchscreen monitor

### CAT TECHNOLOGY

Cat Product Link

### ENGINE

Cat C7.1 diesel engine

4600m (15,000 ft) altitude capability

Automatic engine idle shutdown

Automatic engine speed control

52°C (126°F) ambient cooling capacity

Biodiesel capability up to B20

## HYDRAULIC SYSTEM

Boom and stick regeneration circuits

Automatic two-speed travel

Reverse swing damping valve

Auto two-speed travel

High-performance hydraulic return filter

## BOOM AND STICKS

6.15 m (20'2") reach boom, 3.2 m (10'6") stick

## UNDERCARRIAGE AND STRUCTURES

Tie-down points on base frame

## ELECTRICAL SYSTEM

Maintenance-free battery

Programmable time-delay LED working lights

LED chassis light, left-hand/right-hand boom lights, cab lights

## SERVICE AND MAINTENANCE

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

Ground-level and platform-level engine oil dipsticks

## SAFETY AND SECURITY

Rear and right-hand-sideview cameras

Signaling/warning horn

Right-hand mirror

Ground-level engine shutoff switch

Right-hand handrail and hand hold

Signaling/warning horn

# 335F L OPTIONAL EQUIPMENT

## CAB

Air-adjustable seat with heat (Deluxe only)

## HYDRAULIC SYSTEM

Boom and stick lowering check valves

Hammer return filter circuit

Combined flow/high-pressure auxiliary circuit

Medium-pressure circuit

Quick coupler circuit for Cat Pin Grabber

#### UNDERCARRIAGE AND STRUCTURES

600 mm (24") triple grouser shoes

700 mm (28") triple grouser shoes

850 mm (33") triple grouser shoes

#### SAFETY AND SECURITY

Right-hand-side camera

360° visibility