



Cat[®] 335F L

Hydraulic Excavator

2017

The Cat[®] 335F L provides excellent performance and efficiency and is capable of working in the most confined spaces whatever the job. The type of up-close, space-restricted work you can do with such a unique, heavy-duty machine is nearly unlimited.

Performance

- The Cat C7.1 engine with ACERT™ Technology is designed to meet EU Stage IV emission standards while burning up to 16% less fuel than the 328D LCR.
- The hydraulic system supports lifting up to 10 886 kg over the side at ground level without limitation – approximately 5% more than the model it replaces.
- Standard high-ambient cooling enables the machine to work with maximum power in hot conditions up to 52° C.
- Long, heavy-duty undercarriage provides greater stability when lifting heavy objects, leading to greater overall productivity.

Maintenance

- Most routine maintenance items like grease points and fluid taps are reachable at ground level.
- Compartments are designed for safe, convenient access to filters, hoses, and other components.
- Service doors help keep debris out and latch in place to enhance service speed.

Comfort

- The full-size roll-over protective structure (ROPS) certified cab is quiet and comfortable.
- Automatic climate control helps maintain consistent cab temperature.
- Joystick consoles and armrests are adjustable.
- Fully adjustable air suspension seat maximizes comfort levels during long periods of operation.
- The LCD monitor is easy to navigate and programmable in 44 languages.
- Standard rearview camera and right-hand side cameras enhance visibility.

Versatility

- Utility and finishing work are fast and flawless with a Cat tilt bucket and compactor.
- Demolition work is quick and easy with a Cat hammer, thumb, shear, or multiprocessor.
- A coupler lets you swap between attachments in seconds without leaving the cab.
- See the whole money-making attachment line for your machine at www.cat.com/attachments.

Durability

- The large swing bearing is secured with elongated bolts to help handle the most swing-intensive work.
- Abrasion-resistant Cat XT™-6 hose can stand up to high pressures over the long haul.
- Booms and sticks are built for long service.
- Box-section structures with multi-plate fabrications, castings, and forgings are used in high-stress areas.
- Greased track link between pins and bushings increases undercarriage life and reduces noise.

Technology

- Cat Connect technology solutions increase production, minimize operating costs, and optimize return on investment.
- VisionLink[®] provides wireless access to machine operating data such as location, hours, idle time, fuel usage, productivity, and diagnostic codes to optimize performance.



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Engine

Engine Model	Cat C7.1 ACERT
Net Power – ISO 9249 (metric)	149 kW (203 PS/200 hp)
Power – ISO 14396 (metric)	152 kW (207 PS/204 hp)
Bore	105 mm
Stroke	135 mm
Displacement	7.01 L
Engine RPM	1,800 rpm
<ul style="list-style-type: none"> The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1 kg of refrigerant which has a CO₂ equivalent of 1.43 metric tonnes. 	

Weights

Minimum Operating Weight*	34 490 kg
Maximum Operating Weight**	38 020 kg
*Long undercarriage, 600 mm TG track, reach boom, R3.2CB2 stick, CB2 bucket linkage and CB1500GD 1.76 m ³ bucket.	
**Long undercarriage, 850 mm TG track, blade, reach boom, R3.2CB2 m stick, CB2 bucket linkage, CB1350HD 1.54 m ³ bucket.	

Swing Mechanism

Swing Speed	9.9 rpm
Swing Torque	82.2 kN·m

Hydraulic System

Main System	
Maximum Flow (total)	494 L/min
Implement × 2 pumps	246.6 L/min
Maximum Pressure – Equipment – Normal	35 000 kPa
Maximum Pressure – Travel	37 000 kPa
Maximum Pressure – Heavy Lift	38 000 kPa
Maximum Pressure – Swing	27 400 kPa
Pilot System Maximum Flow	30 L/min
Pilot System Maximum Pressure	4100 kPa

Drive

Maximum Travel Speed	4.2/2.6 km/h
Maximum Drawbar Pull	295 kN

Service Refill Capacities

Fuel Tank Capacity	385 L
Cooling System	30 L
Engine Oil	24 L
Swing Drive (each)	9 L
Final Drive (each)	8 L
Hydraulic System Oil (including tank)	290 L
Hydraulic Tank Oil	154 L
DEF Tank	23 L

Dimensions

Boom	6.15 m
Stick	R3.2CB2
Shipping Height*	3540 mm
Shipping Length	9820 mm
Tail Swing Radius	1900 mm
Length to Center of Rollers	4040 mm
Track Length	5020 mm
Ground Clearance**	480 mm
Track Gauge	2590 mm
Transport Width – 600 mm Shoes	3190 mm
Transport Width – 700 mm Shoes	3290 mm
Transport Width – 850 mm Shoes	3440 mm
Cab Height*	3260 mm
Counterweight Clearance**	1200 mm
*Including shoe lug height	
**Without shoe lug height	

Working Ranges

Boom	6.15 m
Stick	R3.2CB2
Maximum Digging Depth	6990 mm
Maximum Reach at Ground Level	10 640 mm
Maximum Cutting Height	11 150 mm
Maximum Loading Height	7970 mm
Minimum Loading Height	2920 mm
Maximum Cut Depth	6830 mm
Maximum Depth Cut for 2440 mm Level Bottom	6830 mm
Maximum Vertical Wall Digging Depth	5770 mm

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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