



Cat[®] 326F L/ 326F LN

Hydraulic Excavator

2017

The 326F L/F LN is built to keep your production numbers high and your owning and operating costs low. The machine's C7.1 ACERT™ engine and state-of-the-art hydraulic system seamlessly work together so you can move tons of material all day long with tremendous speed, precision, and efficiency.

Performance

- The C7.1 ACERT engine meets EU Stage IV emission standards.
- Integrated electronics, fuel, air, and aftertreatment reduce fuel consumption and emissions and extend service intervals.
- The engine can run on up to B20 biodiesel fuel when blended with ultra-low-sulfur diesel for fuel-saving flexibility.
- Three power modes – high, standard, and eco – help manage fuel consumption.
- Automatic engine speed control lowers rpm based on load for reduced fuel consumption.

Versatility

- Multiple configurations are available to meet a variety of work needs: reach boom 5.9 m with R2.95 m or R2.5 m sticks, variable angle boom with R2.95 m or R2.5 m sticks, and super long reach 10.2 m boom and 7.85 m stick.
- Utility and finishing work are fast and flawless with a Cat[®] compactor, finishing bucket or tilt bucket.
- Demolition work is easy with a Cat hammer, grapple, shear, or multi-processor.
- Couplers let you swap between attachments in seconds without leaving the cab.

Comfort

- The full-size roll-over protective structure (ROPS) certified cab is quiet and comfortable.
- Automatic climate control maintains consistent cab temperature.
- Joysticks 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.

Technology

- Cat Grade Control Depth and Slope helps operators work more productively and accurately with less rework.
- Product Link™/VisionLink[®] connects owners to their equipment, providing access to machine location, hours, fuel consumption, idle time, events, and diagnostic codes.

Maintenance

- Routine maintenance items like grease points and fluid taps are reachable at ground level.
- The service door design helps prevent debris entry and doors latch in place to enhance ease of service.
- The cooling system is efficient to make maintenance easy.

Durability

- The heavy-duty X-frame structure enhances service life.
- Booms and sticks are built for long service.
- Greased track link between pins and bushings increases undercarriage life and reduces noise.
- The high-pressure fuel system with high-pressure pump and injectors enhance reliability.

Safety

- The roll-over protective structure (ROPS) cab contributes to safe working.
- Handrails, anti-skid plating, and countersunk bolts to reduce slipping and tripping.
- Mirrors, a standard rearview camera, and a sideview camera enhance visibility.
- The ground-level fuel cutoff switch shuts down the engine in an emergency.



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Engine

Engine Model	Cat C7.1 ACERT
Power – ISO 9249 (metric)	149 kW (203 PS)
Power – ISO 14396 (metric)	152 kW (207 PS)
Bore	105 mm
Stroke	135 mm
Displacement	7.01 L
Engine (rating) 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. 	

Hydraulic System

Main System – Maximum Flow	508 L/min (254 × 2 pumps)
Main System – Maximum Pressure – Equipment	
– Normal	35 000 kPa
– Lift Mode	38 000 kPa
Main System – Maximum Pressure – Travel	37 000 kPa
Main System – Maximum Pressure – Swing	27 400 kPa
Pilot System – Maximum Flow	30 L/min
Pilot System – Maximum Pressure	4100 kPa

Drive

Maximum Travel Speed	5.3 km/h
Maximum Drawbar Pull	226 kN

Machine Weights

Weight Range (Reach)	25 660-26 910 kg
Weight Range (VA)	26 710-27 960 kg
Weight Range (Super Long Reach)	29 290-30 370 kg

Swing

Swing Speed	9.0 rpm
Swing Torque	73.4 kN-m

Service Refill Capacities

Fuel Tank Capacity	520 L
Cooling System	30 L
Engine Oil	24 L
Swing Drive (each)	9 L
Final Drive (each)	6 L
Hydraulic System Oil Capacity (including tank)	285 L
Hydraulic Tank Oil	175 L
DEF Tank	41 L

Sound Performance

ISO 6395 (external)	103 dB(A)*
ISO 6396 (inside cab)	71 dB(A)

*As per European Union Directive 2000/14/EC as amended by 2005/88/EC.

Dimensions*

Boom Options	Reach Boom 5.9 m	VA Boom* 2.8 m Stub/ 3.3 m Fore
Stick Options	R2.95 m	R2.95 m
Bucket Capacity	1.33 m³	1.33 m³
Shipping Height	3220 mm	3120 mm
Shipping Length	10 060 mm	10 200 mm
Tail Swing Radius	3000 mm	3000 mm
Length to Center of Rollers	3830 mm	3830 mm
Track Length	4640 mm	4640 mm
Ground Clearance	440 mm	440 mm
Track Gauge		
Long Undercarriage	2590 mm	2590 mm
Long Narrow Undercarriage	2390 mm	2390 mm
Undercarriage Width		
Long Undercarriage – 600 mm Shoes	3190 mm	3190 mm
Long Undercarriage – 900 mm Shoes	3490 mm	3490 mm
Long Narrow Undercarriage – 600 mm Shoes	2990 mm	2990 mm
Cab Height	3000 mm	3000 mm
Counterweight Clearance	1060 mm	1060 mm

*Dimensions may vary depending on bucket selection.

Working Ranges*

Boom Options	Reach Boom 5.9 m	VA Boom* 2.8 m Stub/ 3.3 m Fore
Stick Options	R2.95 m	R2.95 m
Bucket Capacity	1.33 m³	1.33 m³
Maximum Digging Depth	6810 mm	6690 mm
Maximum Reach at Ground Line	10 110 mm	10 330 mm
Maximum Loading Height	7450 mm	8320 mm
Minimum Loading Height	2410 mm	3320 mm
Maximum Depth Cut for 2440 mm Level Bottom	6640 mm	6590 mm
Maximum Vertical Wall Digging Depth	5300 mm	5100 mm
Bucket Digging Force (ISO)	121 kN	—
Stick Digging Force (ISO)	166 kN	—

*Dimensions may vary depending on bucket selection.

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AEXQ1794-01
Replaces AEXQ1794
(EU)

