



Cat[®] 374F L

Hydraulic Excavator

2017

The 374F L is built to keep your production numbers up and your owning and operating costs down while giving you all the power, fuel efficiency, and reliability you need to succeed.

Performance

- The C15 ACERT™ engine meets Japan 2014 (Tier 4 Final) emission standards.
- Exclusive Cat Adaptive Control System (ACS) valve puts flow where it's needed when it's needed for smoother operation and greater efficiency. Engine burns up to 10% less fuel than previous model 374D.
- Automatic engine speed control lowers rpm based on load for reduced fuel consumption.
- Power modes help you more actively manage fuel consumption.

Cat[®] Connect Technology

- Cat Production Measurement brings payload weighting to the cab and enables operators to weigh loads "on the go."
- Cat Connect technology solutions increase production, minimize operating costs, and optimize return on investment by offering LINK and DETECT technologies.
- VisionLink[®] provides wireless access to machine operating data such as location, hours, idle time, fuel usage, productivity, and diagnostic codes to optimize performance.

Maintenance

- Routine maintenance items like grease points and fluid taps are easy to reach at ground level.
- The side-by-side cooling system enables easy cleaning.
- Multiple S-O-SSM ports and pressure diagnostic taps help prevent maintenance downtime.

Comfort

- The cab is comfortable and 3 dB(A) quieter than 374D.
- Joystick consoles and armrests are adjustable. Seats are adjustable and feature air suspension and heated and cooled options.
- The LCD monitor is easy to navigate and programmable in 44 languages.

Versatility

- Demolition work is quick and easy with a Cat shear or multiprocessor.
- Quarry work is no problem with a purpose-built Cat bucket and hammer.

Durability

- Booms and sticks are built for long service.
- Box-section structures with multi-plate fabrications, castings, and forgings are used in high-stress areas. Track shoes, links, rollers, idlers, and final drives are built with high-tensile-strength steel.
- Greased track link between pins and bushings increases undercarriage life and reduces noise.

Safety

- Smart refuel senses when to shut off the fast fill fuel pump to help avoid overfilling.
- The rearview camera enhances visibility to help make operators more effective and efficient.
- Extended hand and guard rails allow for safer climbing to the upper deck, and anti-skid plates reduce slipping hazards in all types of weather conditions.



オフロード法2014年
基準適合

Cat® 374F L Hydraulic Excavator

Engine

Engine Model	Cat C15 ACERT
Engine Power – ISO 14396	362 kW/485 hp
Net Power – SAE J1349	352 kW/472 hp
Bore	137 mm
Stroke	171 mm
Displacement	15.2 L

Machine Weight

Operating Weight	70 700 kg
*Reach 7.8 m boom, R3.6VB stick, 3.0 m³ bucket, 650 mm shoes.	

Hydraulic System

Main System – Maximum Flow (total)	
Implement	896 L/min
Travel	952 L/min
Maximum Pressure – Equipment	35 000 kPa
Maximum Pressure – Travel	35 000 kPa
Maximum Pressure – Swing	35 000 kPa
Pilot System Maximum Flow	63 L/min
Pilot System Maximum Pressure	4400 kPa

Drive

Maximum Travel Speed	4.1 km/h
Maximum Drawbar Pull	492 kN

Service Refill Capacities

Fuel Tank Capacity	935 L
Cooling System	74 L
Engine Oil	60 L
Swing Drive (each)	12 L
Final Drive (each)	22 L
Hydraulic System (including tank)	729 L
Hydraulic Tank	612 L
DEF Tank	48 L

Swing

Swing Speed	6.5 rpm
Swing Torque	215 kN·m

Dimensions

Boom Option	Reach Boom 7.8 m
Stick Option	R3.6VB
Shipping Height	4390 mm
Shipping Length	13 320 mm
Tail Swing Radius	4015 mm
Length to Center of Rollers	4705 mm
Track Length	5870 mm
Ground Clearance	840 mm
Track Gauge – Retracted	2750 mm
Track Gauge – Extended	3410 mm
Transport Width – 650 mm Shoes	3400 mm
Transport Width – 900 mm Shoes	3650 mm
Cab Height	3550 mm
Counterweight Clearance	1540 mm

Working Ranges

Boom Option	Reach Boom 7.8 m
Stick Option	R3.6VB
Maximum Digging Depth	8430 mm
Maximum Reach at Ground Level	13 010 mm
Maximum Cutting Height	12 440 mm
Maximum Loading Height	8570 mm
Minimum Loading Height	3460 mm
Maximum Vertical Wall Digging Depth	7560 mm

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Based on the Labor, Safety and Health Laws in Japan, employer of small construction equipment are required to provide specific training for all operators on machines with ship weight less than 3 metric ton. For machines greater than 3 metric ton, operator needs to obtain operator license certification from a Government approved registered training school.

AEXQ1928
(Japan)

