



# Cat<sup>®</sup> 326F L

## Hydraulic Excavator

### 2017

*The 326F L 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

- Smooth multi-function control is built in for easy operation.
- The Heavy Lift mode increases maximum pressure, reducing engine speed and pump flow to improve controllability.
- The emissions package works behind the scenes and won't interrupt the job process.

#### Efficiency

- The C7.1 ACERT engine meets U.S. EPA Tier 4 Final, EU Stage IV emission standards, and the diesel particulate filter requires no maintenance.
- Integrated electronics, fuel, air, and aftertreatment reduce fuel consumption and emissions and extend service intervals.
- The machine 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

- Utility and finishing work are fast and flawless with a Cat<sup>®</sup> compactor, thumb, 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.

#### Technology

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

#### 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 adjusts to make maintenance easy.

#### 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.
- Seats are adjustable and feature air suspension and heated and cooled options.
- LED monitor is easy to navigate and programmable in 44 languages.
- Drink holders, storage areas, and auxiliary power outlets offer added convenience.

#### 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.



# Cat® 326F L Hydraulic Excavator

## Engine

Engine Model	Cat C7.1 ACERT	
Gross Power – SAE J1995	152 kW	204 hp
Net Power – SAE J1349	149 kW	200 hp
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in <sup>3</sup>
Engine (rating) RPM	1,800 rpm	
Engine (operation) RPM	1,600 rpm	

## Hydraulic System

Main System – Maximum Flow (total)	508 L/min	134 gal/min
Maximum Pressure – Equipment		
Heavy Lift	38 000 kPa	5,511 psi
Normal	35 000 kPa	5,076 psi
Maximum Pressure – Travel	37 000 kPa	5,366 psi
Maximum Pressure – Swing	27 400 kPa	3,973 psi
Pilot System – Maximum Flow	20.5 L/min	5.4 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi

## Drive

Maximum Travel Speed	5.3 km/h	3.3 mph
Maximum Drawbar Pull	226 kN	50,807 lbf

## Machine Weights

Minimum Operating Weight*	25 750 kg	56,770 lb
Maximum Operating Weight**	30 050 kg	66,250 lb
*5.9 m (19'4") Reach Boom, R2.95CB1 (8'2") Stick, 600 mm (24") TG Shoes, 4.0 mt (4.4 t) Counterweight, 1.76 m <sup>3</sup> (2.30 yd <sup>3</sup> ) Bucket.		
**10.2 m (33'6") SLR Boom, 7.85 m (25'9") Stick, 790 mm (31") TG Shoes, 6.75 mt (7.4 t) Counterweight, 0.53 m <sup>3</sup> (0.70 yd <sup>3</sup> ) Bucket.		

## Swing

Swing Speed	9.0 rpm	
Swing Torque	73.4 kN·m	54,137 lbf-ft

## Sound Performance

ISO 6396 – Operator Noise (closed)	71 dB(A)	
ISO 6395 – Spectator Noise	103 dB(A)	

## Service Refill Capacities

Fuel Tank Capacity	520 L	137.4 gal
Cooling System	30 L	7.9 gal
Engine Oil (with filter)	24 L	6.3 gal
Swing Drive (each)	9 L	2.3 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	285 L	75.3 gal
Hydraulic Tank	175 L	46.2 gal
DEF Tank	41 L	10.8 gal

## Dimensions

	Reach Boom 5.9 m (19'4")	
Stick	R2.95CB1	9'8"
Shipping Height*	3220 mm	10'7"
Shipping Length	10 060 mm	33'0"
Tail Swing Radius	3000 mm	9'10"
Length to Center of Rollers	3830 mm	12'7"
Track Length	4640 mm	15'3"
Ground Clearance	440 mm	1'5"
Track Gauge	2590 mm	8'6"
Transport Width		
600 mm (24 in) Shoes	3190 mm	10'6"
790 mm (31 in) Shoes	3380 mm	11'1"
Cab Height with Top Guard	3190 mm	10'6"
Counterweight Clearance**	1060 mm	3'6"
*Including shoe lug height.		
**Without shoe lug height.		

## Working Ranges

	Reach Boom 5.9 m (19'4")	
Stick	R2.95CB1	9'8"
Maximum Digging Depth	6810 mm	22'4"
Maximum Reach at Ground Level	10 110 mm	33'2"
Maximum Cutting Height	9690 mm	31'9"
Maximum Loading Height	7450 mm	24'5"
Minimum Loading Height	2410 mm	7'11"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	6640 mm	21'9"
Maximum Vertical Wall Digging Depth	5300 mm	17'5"

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