



LOGGING FORKS

LOGGING FORK CATERPILLAR FORKS

Tractafric
equipment

CAT
CAT®

LOGGING FORKS

LOGGING FORK CATERPILLAR FOR 966

Overview

LOGGING FORK, 1,91 M2

Carriage width 2498mm, tine length 1609mm, bearing surface 1.91 m2

Includes : Double Top Clamp, solid weld spikes and connection lines

Requires a third valve

Key information

BRAND

CAT® Worktools

CONDITION

New

REFERENCE

BX9790F

LOCATION

Vlissingen

VIN

BX9790F

PARTS NUMBER

599-1344

AVAILABILITY

Available

BY EMAIL

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Technical specifications

ENGINE

ENGINE POWER @ 1,600 RPM - ISO 14396:2002 239 kW

GROSS POWER @ 1,600 RPM - SAE J1995:2014 242 kW

ENGINE MODEL C9.3B Cat

NET POWER @ 1,600 RPM - ISO 9249:2007, SAE J1349 226 kW

NOTE (1) Cat engines comply with MAR-1 emissions standards in Brazil, equivalent to SAE J1995:2014

NOTE (2) Advertised net power is the power available at the flywheel when the engine is operating at its rated speed and under standard operating conditions.

NET TORQUE @ 1,200 RPM - ISO 9249:2007, SAE J134 1702 Nm

NOTE (3) Cat engines are compatible with diesel fuel blended with the following percentages of biodiesel: B5, B10, B20, B50, B100.

GROSS TORQUE @ 1,200 RPM - SAE J1995:2014 1799 Nm

ENGINE TORQUE @ 1,200 RPM - ISO 14396:2002 1781 Nm

DISPLACEMENT 9.3 l

WEIGHT

OPERATING WEIGHT 23196 kg

NOTE Weight shown is for a machine equipped with Michelin 29.5R25 XLD tires.

TRANSMISSION

FORWARD - 1 6.7 km/h

FORWARD - 2 13.5 km/h

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FORWARD - 3	24.2 km/h
FORWARD - 4	39.5 km/h
NOTE	Maximum travel speed of a standard machine with an empty bucket
REVERSE - 1	7.3 km/h
REVERSE - 2	14.8 km/h
REVERSE - 3	26.6 km/h
REVERSE - 4	39.5 km/h

SOUND LEVELS

NOTE (1)	**For machines intended for countries in the European Union and countries that have adopted the European Union directive "2000/14/EC" a
NOTE (2)	***In compliance with the European Union directive "2000/14/EC" a
COOLING FAN SPEED SET AT 70% OF MAXIMUM - EX ¹ 108	
COOLING FAN SPEED SET AT 70% OF MAXIMUM - EX ¹ 69 dB(A)	
COOLING FANS AT MAXIMUM SPEED - EXTERIOR SOL 109 dB(A)	
COOLING FANS AT MAXIMUM SPEED - EXTERIOR SOL 76	
COOLING FANS AT MAXIMUM SPEED - EXTERIOR SOL 70 dB(A)	
COOLING FANS AT MAXIMUM SPEED - NOTE	Distance of 15 m (49.2 ft), traveling forward in second gear.

AIR CONDITIONING SYSTEM

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AIR CONDITIONING

The air conditioning system in this machine contains fluorinated gre

OPERATING CHARACTERISTICS

BREAKOUT FORCE

174 kN

NOTE (1)

For a machine configuration as defined under Weight.

NOTE (2)

Fully compliant with ISO 14397-1:2007, paragraphs 1 through 6, whi

STATIC TIPPING LOAD - FULL TURN, NO TIRE DEFLEC 35244 lb

STATIC TIPPING LOAD - FULL TURN, WITH TIRE DEFLE 14849 kg

MAINTENANCE CAPACITIES

COOLING SYSTEM

66 l

CRANKCASE

23 l

DEF TANK

26 l

DIFFERENTIAL - FINAL DRIVES - FRONT

57 l

DIFFERENTIAL - FINAL DRIVES - REAR

57 l

FUEL TANK

303 l

HYDRAULIC TANK

114 l

TRANSMISSION

58.5 l

HYDRAULIC SYSTEM

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IMPLEMENT SYSTEM PRESSURE - NORMAL 31000 kPa

IMPLEMENT SYSTEM - PUMP OUTPUT - MAXIMUM A1 373 l/min

HYDRAULIC CYCLE TIME - TOTAL 10.1 seconds

DIMENSIONS

NOTE All dimensions are approximate and calculated with a machine equi

DIMENSIONS - HIGH LIFT

REAR AXLE CENTERLINE TO COUNTERWEIGHT EDGE 2458 mm

REAR AXLE CENTERLINE TO ARTICULATION 1775 mm

GROUND CLEARANCE 424 mm

HEIGHT - EXHAUST STACK TOP 3531 mm

HEIGHT - HOOD TOP 2850 mm

HEIGHT, ROPS TOP 3593 mm

HINGE PIN HEIGHT - CARRY POSITION 782 mm

HINGE PIN HEIGHT - MAXIMUM LIFT 4804 mm

DUMP HEIGHT AT MAXIMUM LIFT 4183 mm

OVERALL LENGTH - WITHOUT BUCKET 8069 mm

TREAD WIDTH 2230 mm

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WHEELBASE 3550 mm

WIDTH OVER TIRES (INFLATED) 3012 mm

DUMP CLEARANCE - TRANSPORT 49°

DUMP CLEARANCE - MAXIMUM LIFT 71°

DUMP CLEARANCE - GROUND 37°

DIMENSIONS - STANDARD LIFT

REAR AXLE CENTERLINE TO COUNTERWEIGHT EDGE 2290 mm

REAR AXLE CENTERLINE TO ARTICULATION 1775 mm

GROUND CLEARANCE 1.4 ft

HEIGHT - EXHAUST STACK TOP 11.8 ft

HEIGHT - HOOD TOP 9.5 ft

HEIGHT, ROPS TOP 11.1 ft

HINGE PIN HEIGHT - CARRY POSITION 635 mm

HINGE PIN HEIGHT - MAXIMUM LIFT 13.11 ft

DUMP HEIGHT AT MAXIMUM LIFT 12.1 ft

OVERALL LENGTH - WITHOUT BUCKET 24.4 ft

TREAD WIDTH 2230 mm

WHEELBASE 11.8 ft

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DUMP CLEARANCE - TRANSPORT 50°

WIDTH OVER TIRES (INFLATED) 3012 mm

DUMP CLEARANCE - GROUND

40°

DUMP CLEARANCE - MAXIMUM LIFT 62°

BUCKET CAPACITIES

BUCKET CAPACITY 2.8-11.9 m³ (3.75-15.5 yd³)