



Engine	Perkins 2806D-E18TA
Rated Power	447.5 kW (600 hp / 608 ps) @ 2,100 rpm
Net Power	433 kW (581 hp / 589 ps) @ 1,800 rpm
Maximum Dig Depth	7,185 mm
Standard Bucket Capacity	6.2 m ³
Operating Weight	95,000 kg

990FHD EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

990F_{HD} SPECIFICATIONS >>>

ENGINE

Emission Regulation	Stage III / CN III
Manufacturer	Perkins
Model	2806D-E18TA
Rated Power	447.5 kW (600 hp / 608 ps) @ 2,100 rpm
Net Power	433 kW (581 hp / 589 ps) @ 1,800 rpm
Peak Torque	2,742 N·m @ 1,400 rpm
Number of Cylinders	6
Displacement	18.1 L

UNDERCARRIAGE

Shoe Width	650 mm
Number of Shoes per Side	51
Number of Upper Rollers per Side	3
Number of Bottom Rollers per Side	9

BOOM & ARM

Boom Length	7,250 mm
Arm Length	2,925 mm

BUCKET PERFORMANCE

Std. Bucket Heaped Capacity (Referenced)	6.2 m ³
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TRACK DRIVE

Maximum Travel Speed	4.2 km/h
Drawbar Pull	650 kN

SERVICE CAPACITIES

Fuel Tank	1,240 L
Engine Oil	64 L
Cooling System	70 L
Hydraulic Reservoir	480 L
Hydraulic System Total	960 L

HYDRAULIC SYSTEM

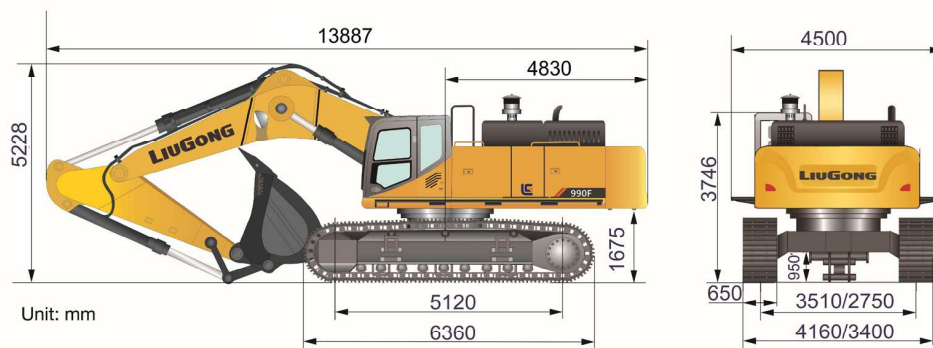
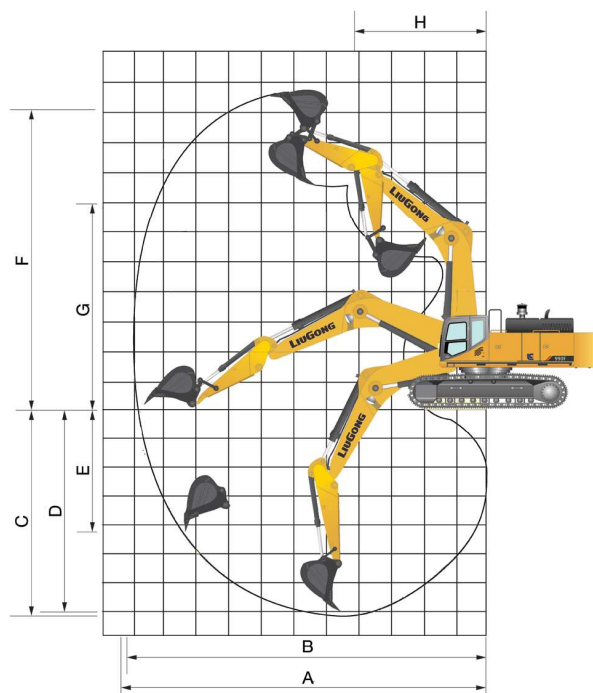
Main Pumps Total Flow	1,008 L/min
Relief Pressure, main	35 MPa
Relief Pressure, boost	37.3 MPa

SWING SYSTEM

Swing Speed	6.4 rpm
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WORKING RANGE

A. Max. Digging Reach	12,448 mm
B. Max. Digging Reach on Ground	12,172 mm
C. Max. Digging Depth	7,185 mm
D. Max. Digging Depth, 2.44 m (8') level	7,044 mm
E. Max. Vertical Wall Digging Depth	5,395 mm
F. Max. Cutting Height	12,342 mm
G. Max. Dumping Height	7,979 mm
H. Min. Front Swing Radius	5,415 mm
Bucket Digging Force (ISO) - Normal	471 kN
Bucket Digging Force (ISO) - Power Boost	496 kN
Arm Digging Force (ISO) - Normal	391 kN
Arm Digging Force (ISO) - Power Boost	413 kN



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

10/2024 Designed by Liugong
Replace the previous versions of 06/2024