

TECHNICAL SPECIFICATIONS

Engine

Engine Model	YANMAR 3TNV88F
Typ	Water-cooled 4 cylinders diesel engine
Exhaust Emissions	Stage V/EPA Tier 4
Rated Power	24.4hp/2200rpm
Max. Torque/Speed	103/1600N·m/rpm
Displacement	1.642L

Hydraulic system

Main Pump Type	Variable Displacement Piston Pump
Max. Main Pump Flow	108L/min
Implement	24.2MPa
Travel Circuit	24.2MPa
Slew Circuit	20.6MPa
Pilot Circuit	3.5MPa

Main Performance

Bucket Digging Force	30kN
Arm Digging Force	19kN
Max. Traction Force	35.1kN
Max. Walking Speed	4.2km/h
Min. Walking Speed	2.7km/h
Rotary Speed	10.3r/min
Gradeability	30°
Ground Pressure	34.7kPa

Oil Capacity

Fuel Tank	40L
Hydraulic Tank	20L
Engine Oil	6.7L



Canada Mining Machinery Sales Ltd

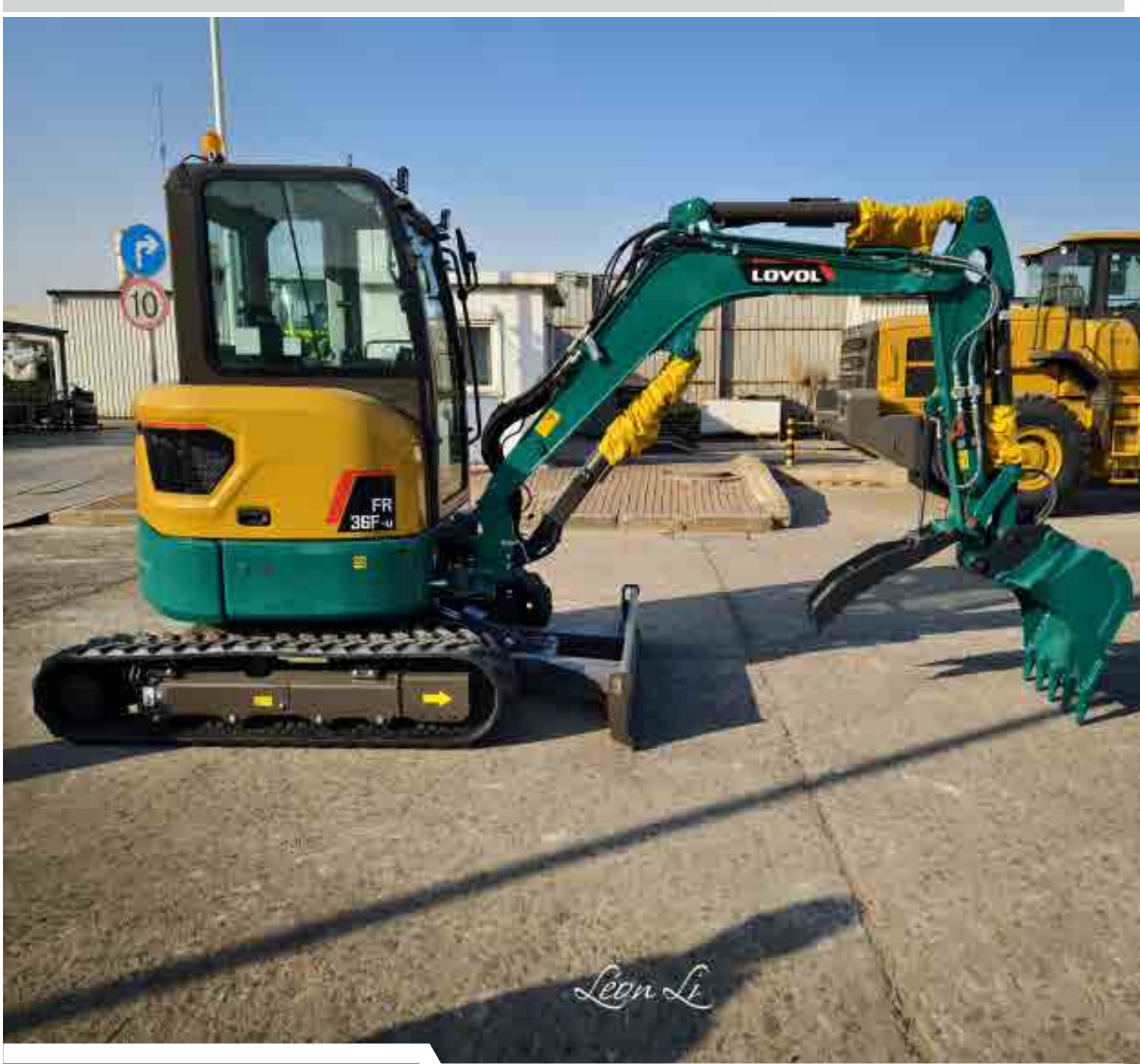
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As manufacturer, CMMS has right to constantly upgrade and improve our products without informing to customers.
The pictures in literatures are for reference only, the detailed specifications are subject to real products.



Rated Power	24.4 hp/2200rpm
Operating Weight	8267 lbs.
Bucket Capacity	0.15 yd3

FR36F-u
EXCAVATOR



FLEXIBILITY

Tailless design

Turning radius 850mm

Boom side shift

Small space corner operation



RELIABILITY

Imported engine, strong performance, high reliability, low noise design

Electrically controlled power control, more power, stronger, more fuel consumption

Customized main control spool, more precise micro-control

Slope turning is effortless with the leading rotary and travel motors



EFFICIENCY

Boom bucket rod assembly explosion-proof valve

prevent falling, oil spray

Load sensitive flow control

Allocate the appropriate flow according to the demand of the load



Large working range

Maximum excavation radius 5225mm

Precise distribution

The right flow rate can be allocated according to the demand of the load.

Large bucket capacity

bucket capacity 0.15 yd³, high working efficiency



COMFORT



Humanized design

Increase the water cup holder, increase the control bracket

Comfortable operation

Increased backrest height and reversible backrest

New appearance design, proportion coordination, high-end atmosphere

High backrest, backrest can be turned over, adjust the cushion backrest hardness, more comfortable

New interior layout, ergonomic, enhanced driving comfort

Intelligent TBOX, add Ethernet, can achieve remote OTA.

SAFETY



Cab meets certification requirements

Cab meets FOPS/TOPS standards and CE certification

Good stability

Chassis 1700mm, good stability

TYPE-C/USB charging port, easy access to electricity, reliable and durable

The three-level maintenance filter element is adopted to effectively protect the engine and extend the service life

The standard three-way ball valve enables easy switching between fittings and pipelines



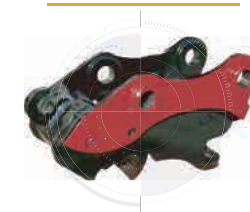
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You can easily expand the performance of your machine by utilizing any of the variety of LOVOL Attachments.

Each LOVOL Attachments is designed to fit the weight and horsepower of LOVOL Excavator for improved performance, safety, and stability.



Quick Coupler



Hydraulic Hammer



Hydraulic Rammer



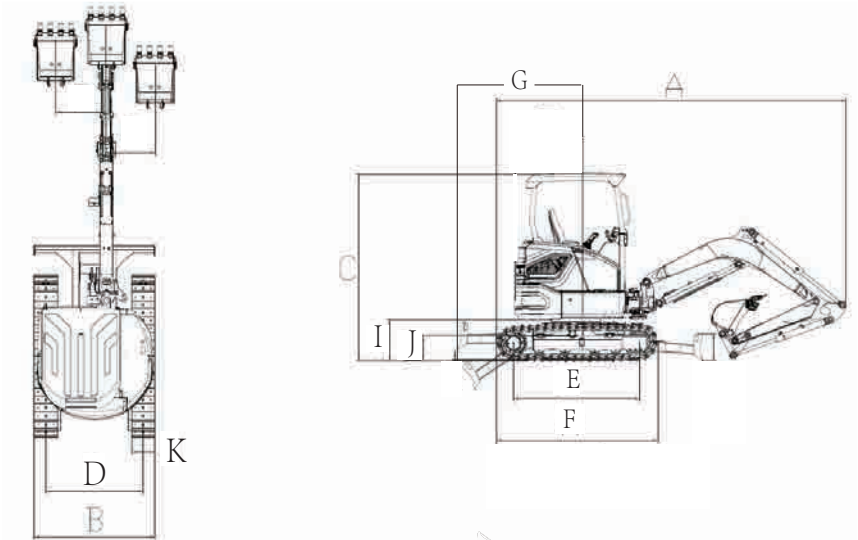
Auger



Standard Bucket

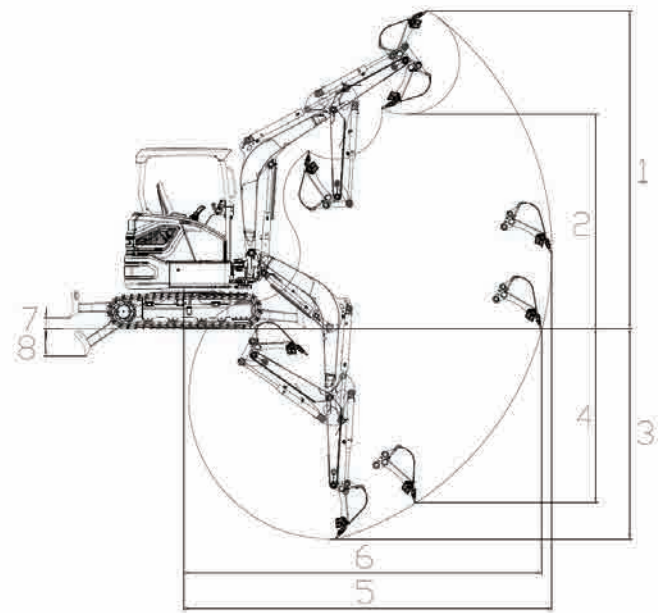


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 Working Range

Max. Digging Height	1	4840mm - 15.87 ft
Max. Dumping Height	2	3425mm - 11.23 ft
Max. Digging Depth	3	2890mm - 9.48 ft
Max. Vertical Digging Depth	4	2580mm - 8.46 ft
Max. Digging Radius	5	5225mm - 17.14 ft
Max. Ground Digging Radius	6	5105mm -16.75 ft



 Dimensions

Shipping Length	A	4730mm - 15.51 ft
Shipping Width	B	1700mm - 5.57 ft
Height over cabin	C	2470mm - 8.10 ft
Track Gauge	D	1400mm - 4.6 ft
Length to Center of Rollers	E	1620mm - 5.3 ft
Track Length	F	2094mm - 6.87 ft
Length from Blade to Swing Center	G	1630mm - 5.34 ft
Tail Swing Radius	H	850mm - 2.78 ft
Ground Clearance of Counter Weight	I	537mm - 1.76 ft
Min. Ground Clearance	J	300mm - 11.81 in
Track Shoe Width	K	300mm - 11.81 in

 Other Specifications

Boom Length		2375mm - 7.79 ft
Arm Length		1325mm - 4.34 ft
Track Roller Number		4