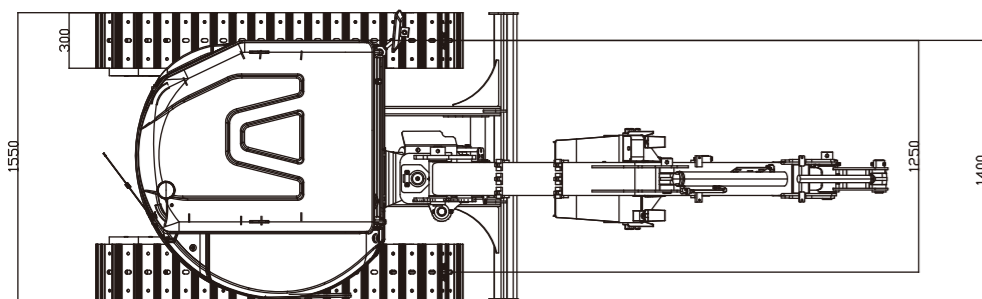
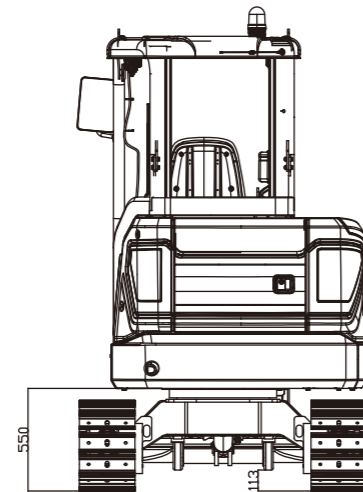
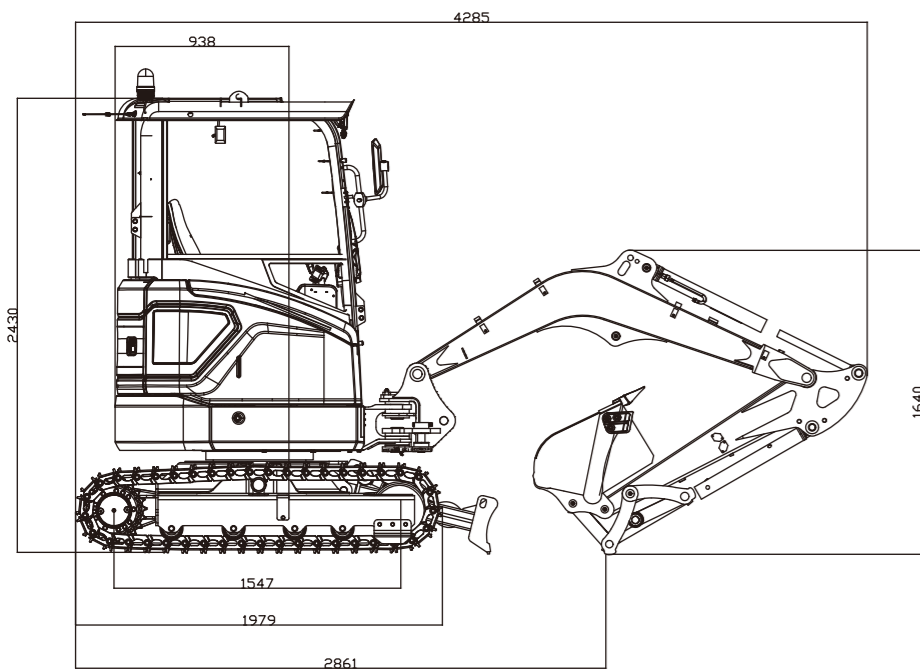


03 Product Specification



Overall Length, mm	4285	Maximum Excavation Height, mm	4469
Total Width of Transport, mm	1550	Maximum Unloading Height, mm	3110
Total High Transport, mm	2430	Maximum Digging Depth, mm	2833
Dozer Height, mm	300	Maximum Vertical Digging Depth, mm	2689
Chassis Clearance From Ground, mm	290	Maximum Excavation Radius, mm	4875
Tail Radius, mm	775	Maximum Excavation Radius of Stopping Surface, mm	4756
Wheel Track, mm	1560	Bulldozer Lift Height, mm	360
Track Length, mm	2005	Dozer Drop Depth, mm	330
Gauge, mm	1250		
Track Width, mm	300		
Distance of Counterweight From Ground, mm	550		



WE AIM AT CUSTOMERS' SATISFACTION

Lovol Heavy Industry, a wholly state-owned subsidiary under Weichai Holding Group, was established in 2004. It currently possesses "three manufacturing bases and two innovation centers".

Lovol Heavy Industry's business is one of the six core business segments of Weichai Group. Its products cover four main categories including excavators, loaders, off-highway mining trucks, and backhoe loaders. The R&D, production, and sales center of excavators, loaders, and backhoe loaders is located in Qingdao, covering an area of over 900 acres. The R&D and production center of off-highway mining trucks is located in Yangzhou, Jiangsu, covering an area of over 300 acres. Lovol Heavy Industry has gradually developed into a global leader in intelligent construction solutions by providing customers with intelligent products, equipment interconnection, intelligent construction, new energy products, and scenario solutions.



Official Website



Facebook

LOVOL HEAVY INDUSTRY GROUP CO.,LTD.

Address: No.75, Huanghe East Road, Huangdao District, Qingdao City, Shandong Province, China.

Website: en.wlovol.com

Z20260226-1

Information of Lovol Heavy Industry Agents

© As manufacturer, LOVOL 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.

LOVOL



Engine Model:
YANMAR 3TNV80F

Rated Power:
15.2kW/2500rpm

Total Machine Weight:
2850kg

Standard Bucket Capacity:
0.08m³

FR26F-u

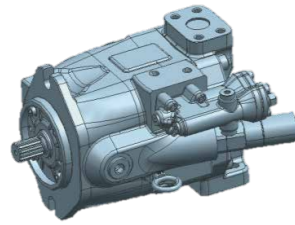
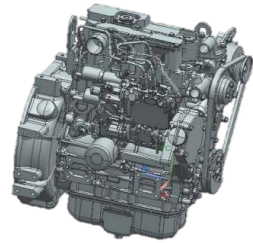
EXCAVATOR

Technical specifications and designs are subject to change without notice and additional equipment may be installed on the supplied machines.

01 Product Introduction

LOVOL

Hydraulic Power System Japanese-imported engine + LOVOL-tuned HENGLI hydraulic system + NACHI slewing and travel drives, well-matched for high efficiency.



YANMAR 3TNV80F-SN Engine

Imported from Japan, featuring powerful performance, high reliability, low noise, and low fuel consumption.

HENGLI Main Pump

Large displacement main pump, high efficiency;

Pure made in China, strong independent service ability, fast maintenance decision.

HENGLI Main Valve

Precise distribution - the right flow rate can be allocated according to the demand of the load;

LOVOL-exclusive customized main control valve spool-delivering finer, more precise micro-control. Made in China, powered by Chinese core technology.

Reinforced Machine Body, Efficient And Reliable.

Injection Molded Fuel Tank

- Make full use of space, compact structure;
- Large capacity, high cleanliness, easy to refuel with exposed oil port.

Tailless Turning Platform

- Tailless turning platform design, smaller turning radius;
- More suitable for narrow environment operation.

Durable Chassis Structure

- Chassis 1550mm, wider and more stable;
- Optional steel track and rubber track, more suitable for working conditions.



Large Section Structure Design of Boom And Arm

- Boom side shift device, independent left and right deflection, narrow space corner operation;
- Boom hollow box structure, high strength steel plate with cast steel structure, higher reliability;
- The key parts of the arm and bucket are made of NM400 wear-resistant steel plate, which can increase the life by 30% compared with ordinary material.

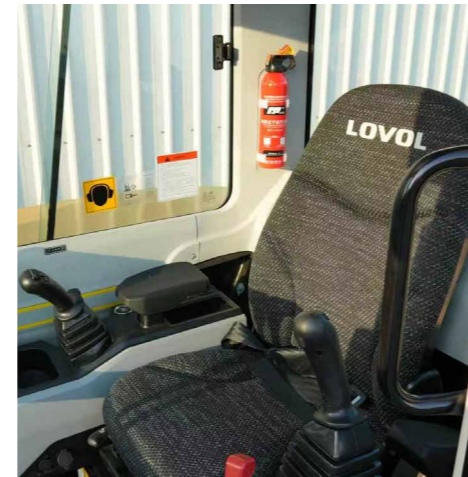
Large-Capacity Earthmoving Bucket

- Standard 0.08 square bucket;
- The bucket is equipped with high strength wear-resistant steel plate and high wear-resistant bucket teeth;
- Continuous design optimization, stress testing, welding techniques and sheet research to comprehensively improve the life of key structural parts;
- Multi-functional accessories: narrow bucket, crushing hammer, quick hitch, auger.

02 Product Introduction

WE AIM AT CUSTOMERS' SATISFACTION

Generation F Cabin All cab meet the certification requirements meet TOPS/TOP GUARD standards and CE certification cab, new appearance design, proportion coordination, high-end atmosphere.



Interior

New interior layout, ergonomic, enhanced driving comfort; High backrest, backrest can be turned over, adjust the cushion backrest hardness, more comfortable.

Handling comfort

One-button start, integrated throttle knob, shortcut function button; 7 inch full touch screen LCD instrument, clear picture, intelligent and convenient operation; Add cup holders and control brackets.

Easier maintenance

The engine room is opened in three aspects to facilitate maintenance; The three-level maintenance filter element is adopted to effectively protect the engine and extend the service life; Standing on the ground can be maintained, safer and more convenient.

03 Product Specification



Main Parameters

Operating Weight, kg	2850
Travel Speed, km/h	4.5/2.4
Swing Speed, r/min	10.5
Boom Length, mm	2100
Arm Length, mm	1300
Bucket Breakout Force, kN	27.9
Arm Crowd Force, kN	14.2
Max. Tracking Force, kN	23.4
Grade Ability 35, %	58
Ground Pressure, kPa	27.1

Power Module

Engine	
Manufacturer	YANMAR
Model	3TNV80F
Number of Cylinders	3
Aspirating Method	Naturally aspirated
Displacement, L	1.267
Max. Torque, N·m/rpm	67.4/1800
Rated Power, kW/rpm	15.2/2500
Engine Oil	
Oil Capacity, L	3.4
Fuel Tank	
Capacity, L	33

Platform Module

Type	Zero-tail swing
------	-----------------

Hydraulic Module

Main Pump	
Brand	HENGLI
Model	HP5V45
Max. Flow, L/min	88.9
Main Pump Type	Variable Piston Pump
Main Valve	
Brand	HENGLI
Model	HVSE-09-10-P270
Maximum Flow, L/min	90
Swin Motor	
Brand	NACHI
Model	PCR-2B
Overflow Pressure, Mpa	19.6
Travel Motor	
Brand	NACHI
Model	PHV-3B-35A
Overflow Pressure, Mpa	24.5
Main Safety Valve Pressure, Mpa	
	24
Hydraulic Oil Tank	
Capacity, L	31

Chassis Module

Type	H-frame fixed track
Track	
Track Shoe Width, mm	300
Track Roller	
Quantity (one side)	4

