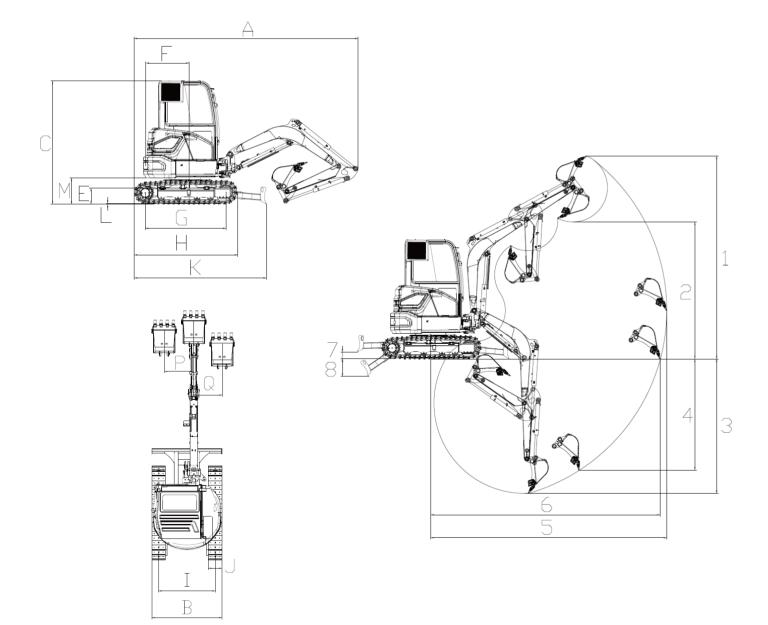
Product Specification



Α	Overall Length, mm	4730
В	Total Width of Transport, mm	1700
С	Total High Transport, mm	2470
D	Dozer Height, mm	348
Е	Chassis Clearance From Ground, mm	300
F	Tail Radius, mm	850
G	Wheel Track, mm	1665
Н	Track Length, mm	2100
1	Gauge, mm	1400
J	Track Width, mm	300
K	Grounding Length, mm	2614.5

_	Track Plate Height, mm	1	
Л	Distance of Counterweight From Ground, mm	537	
1	Maximum Excavation Height, mm	4840	
2	Maximum Unloading Height, mm	3425	
3	Maximum Digging Depth, mm	2890	
4	Maximum Vertical Digging Depth, mm	2580	
5	Maximum Excavation Radius, mm	5225	
6	Maximum Excavation Radius of Stopping Surface, mm	5105	
7	Bulldozer Lift Height, mm	395	
3	Dozer Drop Depth, mm	425	



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.





LOVOL HEAVY INDUSTRY GROUP CO.,LTD.

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Website:en.wlovol.com

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.





EXCAVATOR

Technical specifications and designs are subjet and additional equipment may be installed as the second second



Japan imported engine, strong performance, high reliability, low

noise design;

More power, more power, less fuel consumption.



Hengli main pump

Large displacement main pump, high efficiency;

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



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

LOVOL customized main control spool, more precise micro-control;

Made in China. China core. independent service ability, fast maintenance decision



New interior layout, ergonomic, enhanced driving comfort;

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.

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

Handling comfort

Easier maintenance

One-button start, integrated throttle knob, shortcut function button;

Intelligent key panel, integrated throttle knob, easy to operate;

7 inch full touch screen LCD instrument, clear picture, intelligent and convenient operation;

TYPE-C/USB charging port, easy access to electricity, reliable and durable; Add cup holders and control brackets.

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

Reinforced Machine Body. Efficient And Reliable.

Large Section Structure Design of

·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



·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



·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 1700mm, wider and more stable; Optional steel track and rubber track, more suitable for working conditions.

Product Specification



HENGLI

HP5V45

HENGLI

NACHI

20.6

NACHI

24.2

24.2

PHV-390-53B-1

PCR-3B

Variable Piston Pump

HVSE-09-09-PLL270

Hydraulic Control

99

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Ŧ	Main Parameters		
	Operating Weight, kg	3800	
	Travel Speed, km/h	4.2/2.7	
	Swing Speed, r/min	10	
	Boom Length, mm	2375	
	Arm Length, mm	1325	
	Bucket Digging Force, kN	29	
	Arm Digging Force, kN	20.2	
	Max. Tracking Force, kN	35.1	
	Grade Ability 35, %	30	
	Ground Pressure, kPa	34.7	

Power Module	
Engine	
Manufacturer	YANMAR
Model	3TNV88F
Number of Cylinders	3
Aspirating Method	naturally aspirated
Displacement, L	1.642
Max. Torque, N·m/rpm	82.6-91.4/1320±100
Rated Speed, rpm	2200
Rated Power, kW	18.2
Engine Oil	
Oil Capacity, L	6.7
Fuel Tank	
Capacity, L	40

Type

40		
	Chassis Module	
	Туре	1H frame, orbit determination
Tailless	Track	
	Track Shoe Width, mm	300
	Track Section Quantity (section)	43

Track Roller Quantity (one side)

Hydraulic Module Main Pump

Max. Flow, L/min

Main Pump Type

Maximum Flow, L/min

Overflow Pressure, Mpa

Overflow Pressure, Mpa

Hydraulic Oil Tank Capacity, L

Main Safety Valve Pressure, Mpa

Main Valve

Brand

Model

Quantity Main Valve Type

Brand

Model

Quantity

Brand

Model

Quantity

Travel Motor

Brand

Model



