

LOVOL



Machine Max. Weight

14900kg

Engine Power

123/2200kW

Bucket Volume

0.6m³

FW160F

WHEEL EXCAVATOR

FW160F Wheel Excavator Specifications

FW160F Dimensions

Force

Bucket Digging Force	102kN
Arm Digging Force	74.86kN
Max.Traction Force	80kN
Max. Swing Moment	47.3kN

Speed

Max. Travel Speed	36km/h
Swing Speed	11.3r/min

Working range

Max.Excavating radius	8280mm
Max.Excavating height	8855mm
Max. Dumping height	6456mm
Max.Excavating depth	5101mm

Transport dimensions

Max.Transport length	7749mm
Max.Transport width	2490mm
Max.Transport height	3162mm

Power module

engine	WEICHAIWP4.6N
kW/rpm Power/RPM	123/2200
Emission stage	Tier III

Hydraulic module

manufacturer/model	HENGLI V90N75DT
displacement	75ml/r
manufacturer	LINDE OCV22
Rated pressure	35Mpa
Max.flow	180L/min
manufacturer	LINDE+ZHUCHI/GS06H

Swing speed	10.98rpm
manufacturer	LINDE/HMR105
Traction force	80kN
manufacturer/model	CHANGYUAN
displacement	12/08

Electric module

manufacturer	Rexroth
manufacturer	Taybo(Shanghai)

Understructure module

wheel base	2800mm
track width	1944mm
manufacturer/model	ZF/3050 II
Steering angle (inner/outer)	35°/27°
total reduction ratio/main reduction ratio/wheel reduction ratio	16/2.5/6
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total reduction ratio/main reduction ratio/wheel reduction ratio	16/2.5/6
manufacturer	ZF/HL270
First gear ratio/second gear ratio	4.869/1.196
manufacturer/model	FENGSHEN/XULLUN/10.00-20 16PR
manufacturer/model	YUXIANG/YASHENG/20-7.5V FB-II
manufacturer	FANGYUAN/AOXUAN
Number of teeth* modulus	10/98 (FR150F)

Working module

bucket volume	0.6
length	4600mm
length	2500mm

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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.