

LOVOL

CONSTRUCTION EQUIPMENT

ROBUST RELIABLE SUPPORTED

FR315F EXTENDED BOOM



- Weichai Engine- 228kw / 2000rpm
- Bucket Capacity - 0.6m³
- Operating Weight - 37480 kg

POWERED BY

DURA
EQUIPMENT
SALES

Technical Specifications



ENGINE

Model	WP8HG310E303
Type	Weichai
Number of Cylinders	6
Bore	111
Stroke	142
Horsepower	228 kW
Rated RPM	2000 Rpm



DRIVE

Travel Motor	Eddie
Maximum Travel Speed	5.1 km/h
Steering Control	2 Levers/Pedals
Drive Method	Hydrostatic
Max Pressure	42 Mpa



HYDRAULICS

Main Pump Type	WeiChai
Main Valve	WeiChai
Swing Motor	WeiChai
Boom Cylinder	Wuxi Hengli
Bore	100mm
Stroke	140mm
Diameter	1666mm
Stick Cylinder	Hengli
Bore	100mm
Stroke	140mm
Diameter	1666mm
Bucket Cylinder	Hengli
Bore	95mm
Stroke	65mm
Diameter	885mm
Travel Circuit	34.3 Mpa
Swing Circuit	27 Mpa
Pilot Circuit	3.9 Mpa
Hydraulic Piping	Standard
Pump Flow	547 L/min
Pump Pressure	42 Mpa



SWING SYSTEM

Drive Method	Hydrostatic
Swing Speed	9.8 Rpm
Swing Circle Lubrication	Grease
Swing Lock	Oil-disc Brake
Swing Reduction	Planetary Gear



FRONT LINKAGE

Bucket Type	GP Bucket
Bucket Capacity	0.6m³
Bucket Options	Rock Bucket
Boom Length	10200mm
Stick Length	7800mm



UNDERCARRIAGE

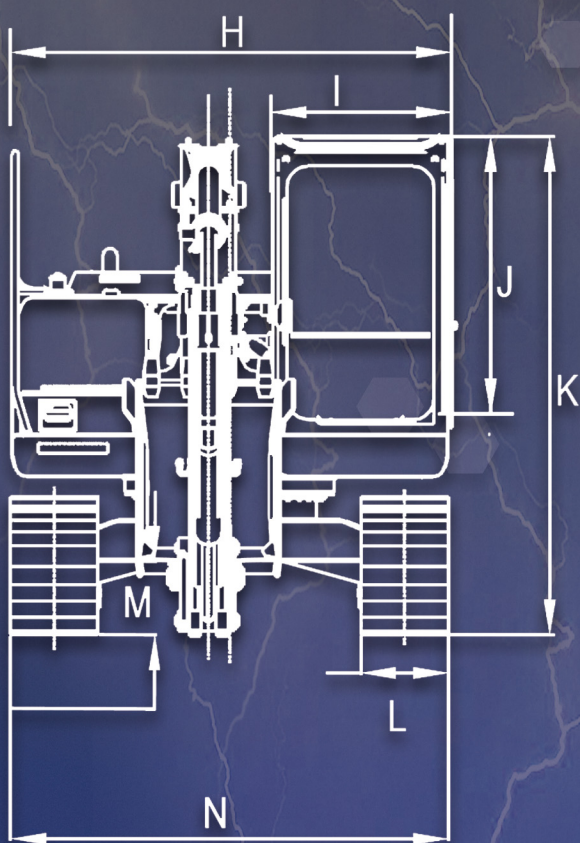
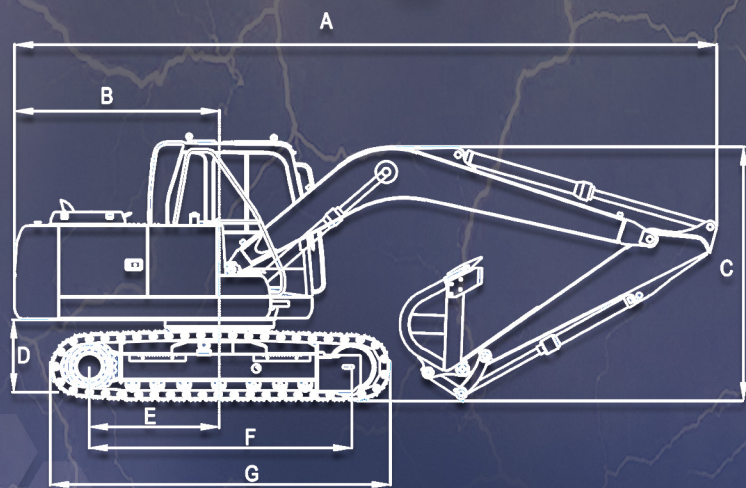
Frame	X-Type
Rail Distance	2590mm
Track Width of Shoe	600mm
Undercarriage Width	3190mm
Track Length	5070mm
Number of Shoes	49
Number of Carrier Rollers	4
Number of Track Rollers	18



SERVICE REFILL CAPACITIES

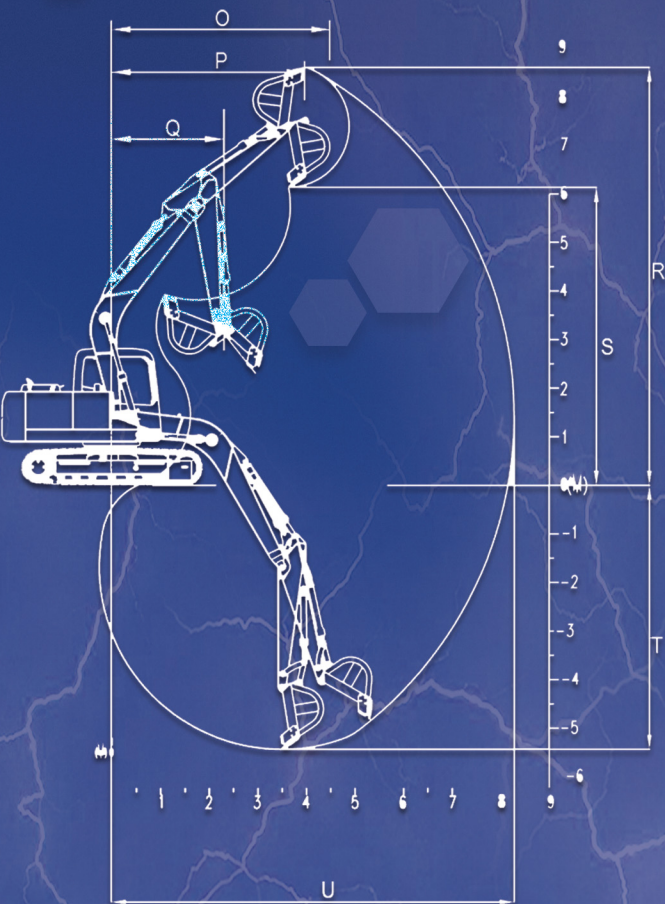
Fuel Tank	505L
Cooling System	8L
Engine Oil	26L
Swing Motor	2L
Final Drive	11L
Hydraulic Tank	320L

Dimension Specifications



Overall Dimensions (mm)	
A) Overall Length	14815mm
B) Swing Radius	3433mm
C) Height of Boom	3280mm
D) Counterweight Clearance	1216mm
E) Centre to Middle of Track Frame	2077mm
F) Distance of Track on Ground	4140mm
G) Undercarriage Length	5070mm
H) Overall Width of Body	3025mm
I) Cab Width	1004mm
J) Cab Height	1732mm
K) Height to Top of Cab	3252mm
L) Track Shoe Width	600mm
M) Ground Clearance	516mm
N) Undercarriage Width	3190mm

Working Ranges (mm)	
O) Max Cutting Height	14240mm
P) Max Dumping Height	12093mm
Q) Max Digging Depth	13920mm
R) Centre to Max Digging Depth	7769mm



WARRANTY

1 Year Unlimited Hours Warranty or 24 Months / 5000 Hours Warranty
6 Months / 1000 Hours Electrical Warranty
4 Complimentary Services (250/500/750/1000 Hours)



MACHINE

Quality **Robust, Reliable, Supported** equipment.

Basic mechanical operation with basic electronics for easy maintenance.

Various attachments are available for your specific needs.

We guarantee 24/7 Backup and Support from Dura Equipment Sales.

We host an on-site state-of-the-art workshop for repairs.

On-site support is rendered by qualified field technicians.

Full mine spec machine (Aircon, ROPS/FOPS cab, Fire extinguisher).

Dura Equipment Sales is the sole agent for Lovol Construction Equipment in South-Africa.



We guarantee full parts availability on all Lovol Construction Equipment. Dura Equipment Sales is the sole provider for Lovol Construction Equipment.

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POWERED BY



All dimensions are shown in millimetres, unless stated between brackets. Under our policy of continuous improvements, we reserve the right to change specifications and design without prior notice. Photographs features in this brochure may include optional equipment.

Terms and Conditions Apply

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WEICHAI