

# LOVOL

CONSTRUCTION EQUIPMENT

**ROBUST RELIABLE SUPPORTED**

## FR215F EXTENDED BOOM



- Weichai Engine- 129kw / 2000rpm
- Bucket Capacity - 0.4m<sup>3</sup>
- Operating Weight - 24500 kg

**POWERED BY**

**DURA**  
EQUIPMENT  
**SALES**

# Technical Specifications

## ENGINE

Model	WEICHAH WP6
Type	TIER 3
Number of Cylinders	6
Bore	105mm
Stroke	130mm
Horsepower	129Kw
Rated RPM	2000 RPM

## HYDRAULICS

Main Pump Type	LINDE
Main Valve	LINDE
Swing Motor	LINDE
Boom Cylinder	Wuxi Hengli
Bore	120mm
Stroke	1335mm
Diameter	85mm
Stick Cylinders	Wuxi Hengli
Bore	135mm
Stroke	1490mm
Diameter	95mm
Bucket Cylinder	Wuxi Hengli
Bore	115mm
Stroke	1120mm
Diameter	80mm
Travel Circuit	34.3 Mpa
Swing Circuit	27.5 Mpa
Pilot Circuit	3.5 Mpa
Hydraulic Piping	Standard
Pump Flow	550 Mpa
Pump Pressure	34 Mpa

## UNDERCARRIAGE

Frame	Fixed track, X-frame
Rail Distance	2380mm
Track Width of Shoe	600mm
Undercarriage Width	2980mm
Track Length	4436mm
Number of Shoes	49
Number of Carrier Rollers	2
Number of Track Rollers	9

## DRIVE

Travel Motor	EDDIE
Maximum Travel Speed	5.3km/h
Steering Control	2 levers / Pedals
Drive Method	Hydrostatic
Max Pressure	34.3 Mpa

## SWING SYSTEM

Drive Method	Hydrostatic
Swing Speed	10 Rpm
Swing Circle Lubrication	Grease
Swing Lock	Oil-disc brake
Swing Reduction	Planetary gear

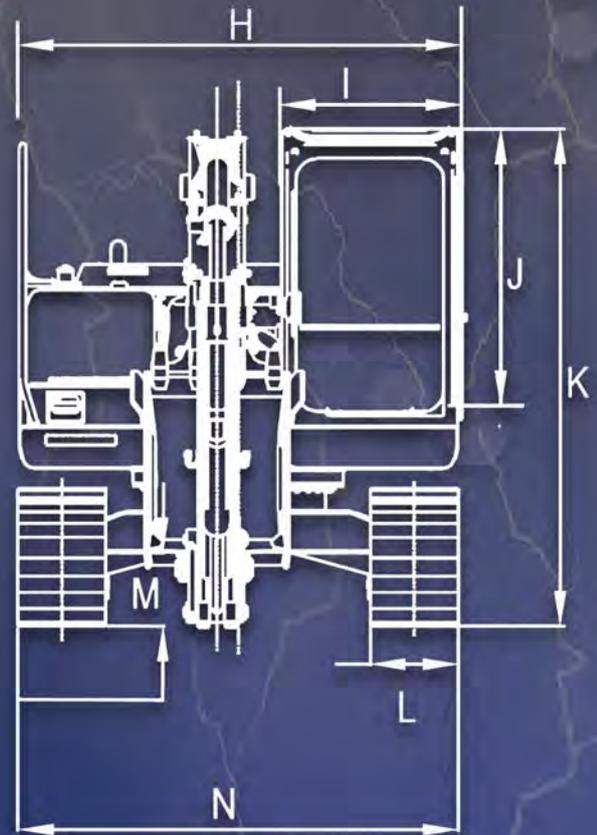
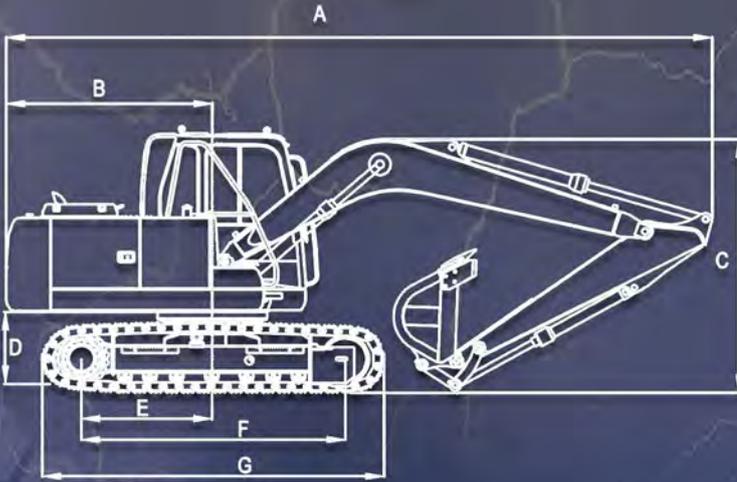
## FRONT LINKAGE

Bucket Type	GP Bucket
Bucket Capacity	0.4m <sup>3</sup>
Bucket Options	Rock Bucket/GP Bucket
Boom Length	8800mm
Stick Length	6367mm

## SERVICE REFILL CAPACITIES

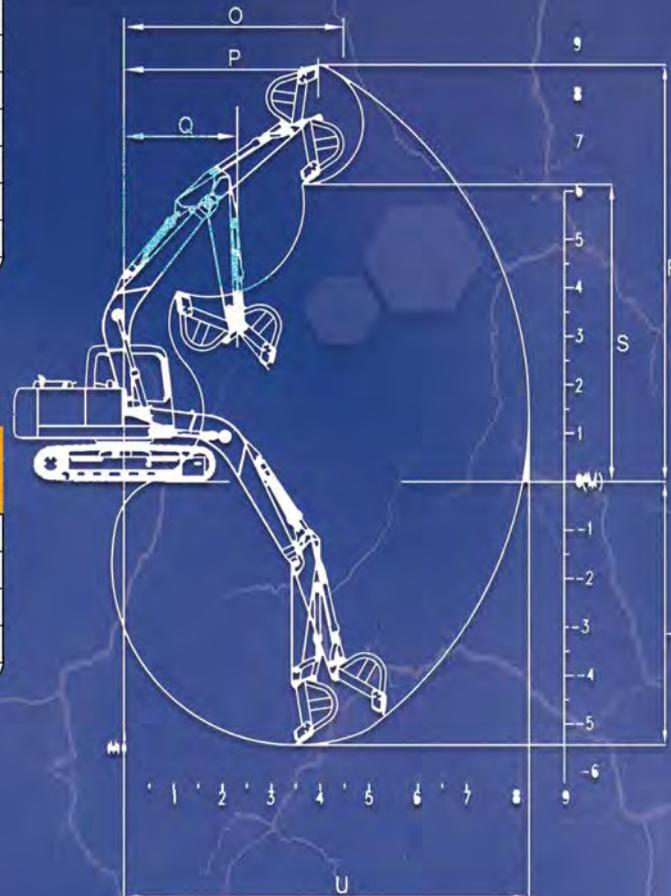
Fuel Tank	385L
Cooling System	20L
Engine Oil	22L
Swing Motor	4L
Final Drive	5L
Hydraulic Tank	206L

# Dimension Specifications



<b>Overall Dimensions (mm)</b>	
A) Overall Length	12450mm
B) Swing Radius	2880mm
C) Height of Boom	3322mm
D) Counterweight Clearance	1090mm
E) Centre to Middle of Track Frame	1850mm
F) Distance of Track on Ground	3640mm
G) Undercarriage Length	4385mm
H) Overall Width of body	3180mm
I) Cab Width	1888mm
J) Cab Height	1700mm
K) Height to Top of Cab	3125mm
L) Track Shoe Width	600mm
M) Ground Clearance	461mm
N) Undercarriage Width	2800mm

<b>Working Ranges (mm)</b>	
O) Max Cutting Height	13960mm
P) Max Dumping Height	11705mm
Q) Max Digging Depth	11640mm
R) Centre to Max Digging Depth	11655mm



# 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)



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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