

**LOVOL**

# FW215F

## WHEEL EXCAVATOR

Engine model WEICHAI WP7H  
Overall weight 23000kg  
Rated power 124kw  
Standard earthwork bucket dimensions 1.0m<sup>3</sup>



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

**TEL:**+86-532-86907190

**Facebook :** Cons Lovol

**E-MAIL:**lovol\_overseas@global.lovol.com **WEB:** en.wlovol.com

**LOVOL HEAVY INDUSTRY GROUP CO.,LTD.**



### Dimensions

Shipping Length	9698mm
Shipping Width	2540mm
Boom Height	3350mm
Rotary Platform Width	2540mm
Tail Turning Radius	2970mm
Min. ground clearance	350mm
Ground Clearance of Counter weight	1250mm
Min.slewing radius of working device	3279mm
Track Gauge	1914mm
Wheel Tread	2850mm

### Operation parameters

Boom length	5700mm
Arm length	2925mm
Max. digging radius	9891mm
Max. digging radius of parking surface	9675mm
Max. digging depth	6511mm
Max. vertical digging depth	5220mm
Max. digging height	10082mm
Max. unloading height	7175mm

### Main Performance

Max. Walking Speed	31km/h
Min. Walking Speed	8km/h
Rotary Speed	10
Gradeability	35°

### Power module

#### Engine

Manufacturer	WEICHAI
Model	WP7H
Number of cylinders	6
Intake method	Turbocharging with inter-cooling
Displacement	6.8L
Max. Torque	810N·m

#### Engine oil

Engine oil capacity	25L
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#### Fuel tank

Capacity	305L
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### Main pump

Brand	Kawasaki
Model	K7V125
Max. Main Pump Flow	227×2L/min

### Main valve

Brand	Linde
Model	OCV25

### Slewing motor

Brand	Linde
Model	GS12H

### Travel motor

Brand	Linde
Model	HMR165
Main Safety Valve Pressure	34.3MPa

### Hydraulic oil tank

Capacity	205L
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### Platform module

Type	Side-mounted with tail
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### Chassis module

Type	/
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Boom Length	5700mm
Boom Width	406mm
Boom Height	1472mm
Boom Weight	1682kg
Arm Length	2925mm
Arm Width	294mm
Arm Height	883mm
Arm Weight	828kg
Standard earthwork bucket dimensions	1.0m³
Standard earthwork bucket weight	777kg
Counterweight dimensions	2540mm×605mm×1380mm
Counterweight weight	4000kg
Cab dimensions	2014mm×1097mm×1732mm
Cab weight	445kg

Number of Boom Cylinders - Piston Rod Diameter \* Cylinder Diameter \* Stroke 2-85-120-1870

Number of Arm Cylinders - Piston Rod Diameter \* Cylinder Diameter \* Stroke 1-95-135-2075

