

WEICHAI | **LOVOL**



Engine	WEICHAI LOVOL
Engine Mark	WEICHAI
Rated Power	129kW
Operating Weight	21000kg (Standard Arm) 21500kg (Standard Arm and Heavy Ballast) 22200kg (Heavy Arm and Heavy Ballast) 23500kg (15m. Long Arm)

Model
FR215E2
HYDRAULIC EXCAVATOR

Engine

Engine	WEICHAI LOVOL
Engine Mark	WEICHAI
Engine Model	WP4.6NG175E301
Engine Type	Diesel Engine, 4 Stroke, Turbocharger, Water Cooled
Number of Cylinder	4
Rated Engine Power / Speed (ISO)	129kW / 2200rpm
Max. Engine Power / Speed (ISO)	135.5kW / 2000rpm
Max. Engine Torque / Speed	682.9N·m / 1600rpm
Displacement	4.58L
Fuel Tank Capacity	390L

- In heavy duty working applications, the main computer controller automatically adjusts power and speed according to the change of the load to ensure high output power, so as to the efficiency will be improved significantly

Walking drive

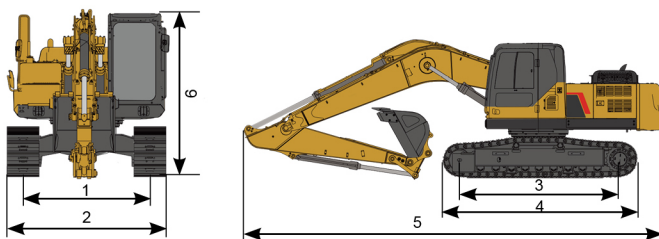
Type	Hydrostatic	
Speed Level	Automatic two-speed travel motor	
Travel Speed (Max. / Min)	5.5km/h / 3.1km/h	5.6km/h / 3.12km/h
Gradeability	35°	
Upper Roller / Lower Roller (each side)	2 / 7	
Track Guides (each side)	1	
Track Type	Triple grouser	
Track Width	600mm	800mm
Ground Pressure	47.5kPa	35.63kPa
Track Gauge (1)	2200mm	
Undercarriage Width (2)	2800mm	3000mm
Track Length on Ground (3)	3250mm	3400mm
Undercarriage Length (4)	4000mm	4170mm
Overall length (5)	9550mm	
Overall height (to top of cab) (6)	3000mm	

- The track can be adjustable of tension
- The left and right track driving independently

Hydraulic System

Hydraulic Pump	Variable displacement
Hydraulic Flow	598L/min
Hydraulic Pressure	34.3MPa
Hydraulic Oil Tank Capacity	220L

- Hydraulic safety lock.



Working Performance

Arm Type	Standard Arm		
Bucket Type	Standard Bucket With Teeth And Side Cutter		
Bucket Capacity	0.96m ³	0.50m ³	0.45m ³
Bucket Digging Force	156kN		
Arm Digging Force	109kN	53kN	
Max. Traction Force	217kN		
360° Swing Speed	9r/min	11r/min	
Swing Torque	69kN·m	68.7kN·m	
Boom Length	5700mm	8800mm	
Arm Length	2925mm	6380mm	
Max. Digging Radius On Ground Level (A)	9850mm	15100mm	
Max. Digging Depth (B)	6600mm	11000mm	
Max. Vertical Digging Depth (C)	5950mm	10500mm	
Max. Dumping Height (D)	7240mm	10100mm	
Max. Digging Height (E)	10190mm	11680mm	

Electrical System

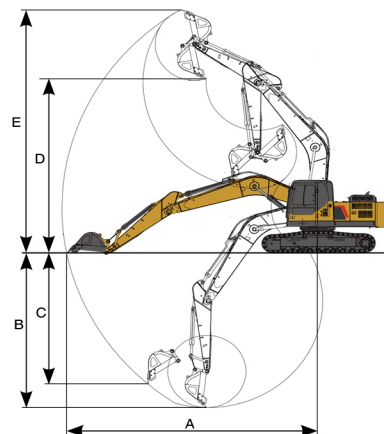
Electric system	24V	
Battery	12V 120Ah × 2 units	
Alternator	24V 55A	24V 75A

Cab

- All weather steel cap with safety glass, ROPS/FOPS cab, safe work, air condition
- Adjustable suspension seat with safety belt is very comfortable
- Wipers, radio FM/AM/USB
- LCD Display screen : hour meter, voltage charger, water-cooling temperature, engine oil pressure, hydraulic oil pressure, fuel level, etc., and add trouble code diagnostic and maintenance monitor functions which are convenient for operator to find the failure and do the routine maintenance on time

Optional Configuration

- 0.70m³ Bucket
- 0.80m³ Bucket
- 1.0m³ Bucket
- Hydraulic breaker
- Quick coupler
- GPS system on android, IOS
- Radio FM/AM/USB/CD
- Cab front guard
- Rear view camera



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