

WEICHA | **LOVOL**



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| Engine | WEICHA LOVOL |
| Engine Mark | WEICHA |
| Rated Power | 129kW |
| Operating Weight | 21000kg (Standard Arm) 21500kg (Standard Arm with 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 | 385L |

- 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

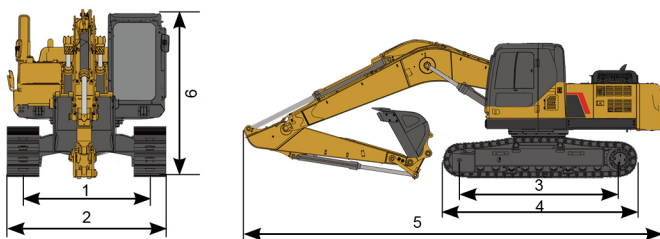
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|---|----------------------------------|--------------------|
| Type | Hydrostatic | |
| Speed Level | Automatic two-speed travel motor | |
| Travel Speed (Max. / Min) | 5.5km/h / 3.1km/h | 5.6km/h / 3.12km/h |
| Gradeability | 35° | |
| Upper Roller / 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) | 6500mm | 11000mm | |
| Max. Vertical Digging Depth (C) | 5950mm | 10500mm | |
| Max. Dumping Height (D) | 7240mm | 11680mm | |
| Max. Digging Height (E) | 10190mm | 10100mm | |

Electrical System

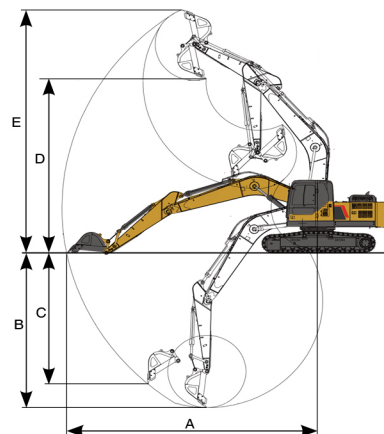
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|-----------------|---------------------|---------|
| Electric system | 24V | |
| Battery | 12V 120Ah × 2 units | |
| Alternator | 24V 55A | 24V 75A |

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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