

LOVOL

CONSTRUCTION



Rated Power

86kW/2200rpm(CUMMINS)

92kW/2200rpm(WEICHAI)

Operating Weight

12200kg

Bucket Capacity

0.5m³-0.56m³

FR130E2-H

EXCAVATOR

TECHNICAL SPECIFICATIONS

Engine

Engine Model	cummins QFS3.8 / weichai WP4.1
Rated Power	86kW/2200rpm / 92kW/2200rpm
Max. Torque/Speed	480/1700N·m/rpm / 470/1100-1700N·m/rpm
Displacement	3.76L / 4.1L

Main Performance

Bucket Digging Force	91kN
Arm Digging Force	68kN
Max. Traction Force	115kN
Max. Walking Speed	5.4km/h
Min. Walking Speed	3km/h
Rotary Speed	10.5r/min
Gradeability	35°
Ground Pressure	40.4kPa

Other Specifications

Boom Length	4260mm
Arm Length	2360mm
Track Section Number (each side)	41
Track Roller Number	6

Dimensions

Shipping Length	A	7320mm
Shipping Ground Length	B	4080mm
Boom Height	C	2775mm
Shipping Width	D	2505mm
Cab Height	E	2850mm
Ground Clearance of Counter Weight	F	875mm
Min. Ground Clearance	G	420mm
Tail Turning Radius	H	2270mm
Wheel Tread	I	2705mm
Track Length	J	3425mm
Track Gauge	K	1990mm
Track Shoe Width	L	500mm
Hood Height	M	1940mm
Rotary Platform Width	N	2505mm

Hydraulic system

Max. Main Pump Flow	2x130L/min
Main Safety Valve Pressure	34.3MPa / 37MPa

Oil Capacity

Fuel Tank	246L
Hydraulic Tank	160L
Engine Oil	7L-10.6L / 8.9L-11.7L

Working Range

Max. Digging Height	1	7950mm
Max. Dumping Height	2	5600mm
Max. Digging Depth	3	5030mm
Max. Vertical Digging Depth	4	4625mm
Max. Digging Radius	5	7780mm
Max. Ground Digging Radius	6	7640mm
Min. Turning Radius	7	2395mm

