



Rated Power
Operating Weight
Bucket Capacity

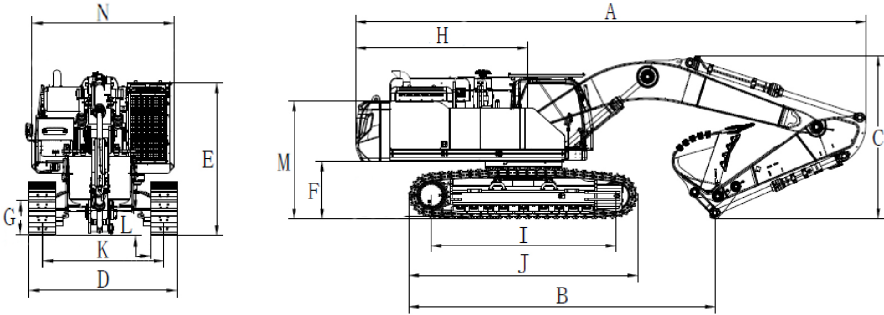
566kW/1900rpm
68500kg
4.4m³ (standard bucket)
5.0m³ (coal bucket)

FR700F
EXCAVATOR

STANDARD CONFIGURATION

Engine	Hydraulic System
Turbocharged, 6-cylinders, water-cooling, direct injection	Automatic hydraulic system (flow confluence system)
Radiator with protective fence	Multistage filtration system
Oil bath type cleaner	Anti-sway valve
Air intake heater	Boom and stick locking valve
Fan guard	Cylinder buffer device
Double filters, dry air filter	Anti-slope turning device
Engine oil pan with oil drain valve	Waste oil drainage pipeline
Automatic idle speed system	Pilot buffer valve (rotary, stick, boom)
Three-stage fuel filter	Dual-speed travel motor
75A/24V alternator	Hydraulic hammer pipeline
Cab	Electronic Control System
Ashtray	24V power battery
Cigarette lighter	Monitor brightness adjustment
Seat belt	Maintenance tips
Shade plate	Safe stop & start function
Storage compartment	Master switch
Emergency hammer	Engine start protection
Air conditioner	Multilingual display
Audio speaker	Cab ceiling light
Shock absorber	Diagnostic interface
Flexible aerial	Emergency stop switch
Radio	Automatic diagnosis system
Hydraulic safety locking rod	Automatic idle speed system
Sun proof safety glass	One-touch pressure enhancement
Cab floor mat	Anti-theft system
Pull-up front window	
Dismountable lower windshield	
Sun shade window	
Windshield wiper	
Skylight window	
Suspended seat	
Big storage area	
Chassis	Swing Platform
Fixed chassis	Toolbox
600mm/800mm double grouser track shoe	Large pedal
	Large handrail
	Bottom guard plate
	Anti-crash beams
	Anti-skid plates
	Passage with handrails

TECHNICAL SPECIFICATIONS



Working Range

Max. Digging Height	1	11260mm
Max. Dumping Height	2	7320mm
Max. Digging Depth	3	7100mm
Max. Vertical Digging Depth	4	4250mm
Max. Digging Radius	5	11680mm
Max. Ground Digging Radius	6	11380mm
Min. Turning Radius	7	5100mm

Dimensions

Shipping Length	A	12250mm
Shipping Ground Length	B	7700mm
Boom Height	C	4750mm
Shipping Width	D	3500mm
Cab Height	E	4000mm
Ground Clearance of Counter Weight	F	1580mm
Min. Ground Clearance	G	880mm
Tail Turning Radius	H	4120mm
Wheel Tread	I	4570mm
Track Length	J	5710mm
Track Gauge	K	2810/3350mm
Track Shoe Width	L	600mm
Hood Height	M	3650mm
Rotary Platform Width	N	3350mm

Other Specifications

Boom Length	6800mm
Arm Length	2800mm
Track Section Number (each side)	52
Track Roller Number	9

TECHNICAL SPECIFICATIONS

Engine

Engine Model	WEICHAI WP15H
Number of Cylinders	6
Max. Torque/Speed	2890N·m/1200~1600rpm
Displacement	15.3L

Hydraulic system

Max. Main Pump Flow	1020L/min
Main Safety Valve Pressure	34.3MPa

Main Performance

Bucket Digging Force	374kN
Arm Digging Force	320kN
Max. Traction Force	430kN
Max. Walking Speed	4.5km/h
Min. Walking Speed	3.1km/h
Rotary Speed	7.8r/min
Gradeability	35°
Ground Pressure	111kPa

Oil Capacity

Fuel Tank	800L
Hydraulic Tank	600L
Engine Oil	52L