

FR215F-E HYDRAULIC EXCAVATOR

Battery Capacity: 690ah
Moter Power: 150/1790kw/rpm
Operating Weight: 23000kg
Bucket Capacity: 1.1m³



FR215F-E HYDRAULIC EXCAVATOR



Dimensions

Shipping Length	9710mm
Shipping Ground Length	/
Boom Height	3060mm
Shipping Width	2980mm
Cab Height	/
Ground Clearance of Counter weight	1090mm
Min. Ground Clearance	461mm
Tail Turning Radius	3465mm
Wheel Tread	3640mm
Track Length	4465mm
Track Gauge	2380mm
Track Shoe Width	600mm
Hood Height	/
Rotary Platform Width	2875mm



Working Range

Max. Digging Height	10190mm
Max. Dumping Height	7260mm
Max. Digging Depth	6510mm
Max. Vertical Digging Depth	5980mm
Max. Digging Radius	9875mm
Max. Ground Digging Radius	9690mm
Min. Turning Radius	/
Dozer Blade Lifting Height	/
Dozer Blade Falling Height	/



Electric Motor

Motor type	YQW3-225B-18F-RA2
Rated speed	1790r/min
Rated torque	800N·m
Rated voltage	566V
Class of protection	IP68



Main Performance

Bucket Digging Force	142kN
Arm Digging Force	105kN
Max. Traction Force	217kN
Max. Walking Speed	4.9km/h
Min. Walking Speed	2.7km/h
Rotary Speed	12r/min
Gradeability	35°
Ground Pressure	44.9KPa



Hydraulic System

Max. Main Pump Flow	2X125L/min
Main Safety Valve Pressure	34.3/37.3MPa
Hydraulic Tank	220L



Other Specifications

Boom Length	5700mm
Arm Length	2925mm
Track Section Number (each side)	45
Track Roller Number	7
Dozer Blade Height	/



Battery Battery

Producer	WEICHAI New energy
Type	Lithium iron phosphate
Electric quantity	423.936kW/h
Voltage	614.4V
Capacity	690Ah
Weight	2800kg