



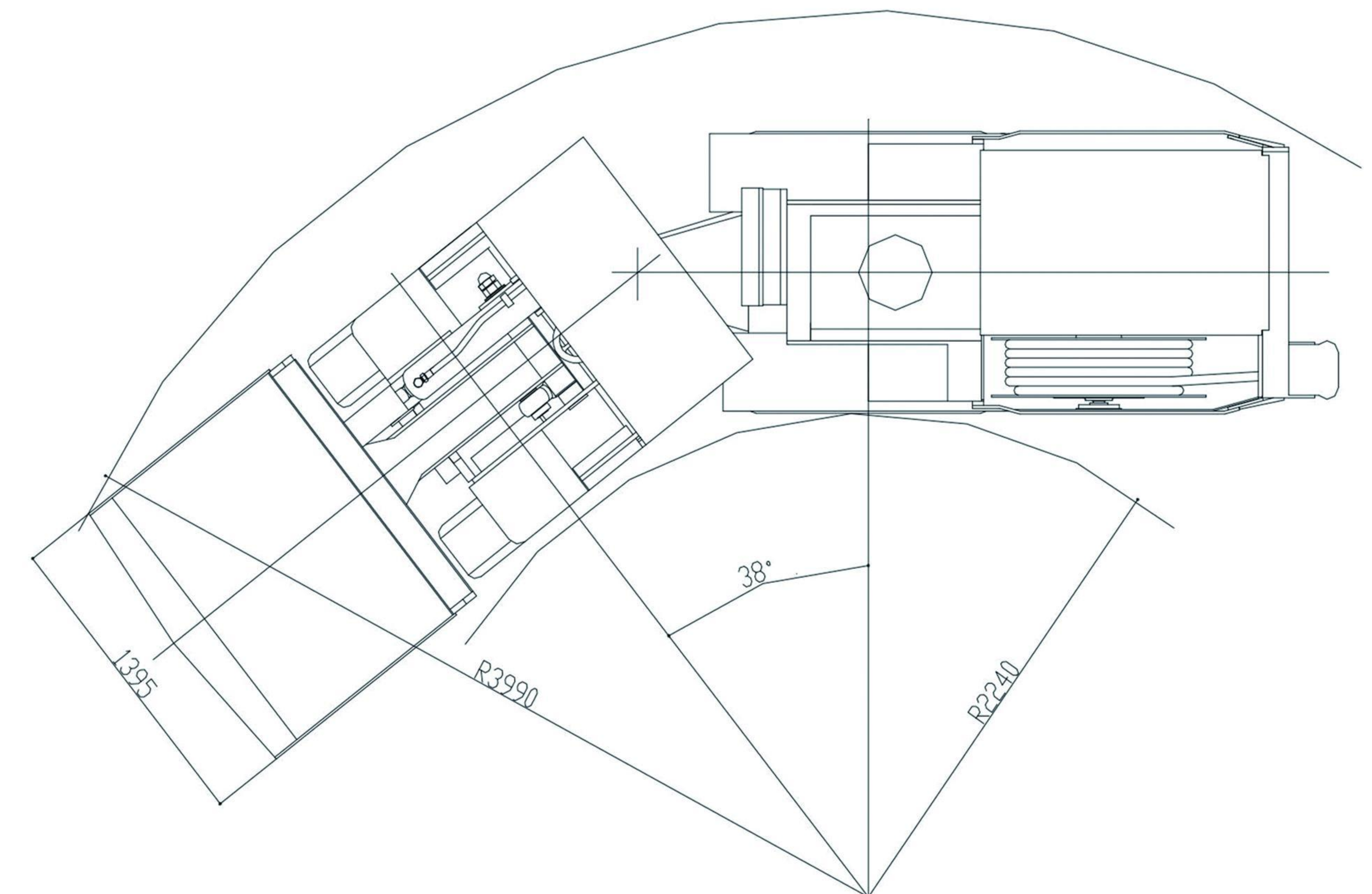
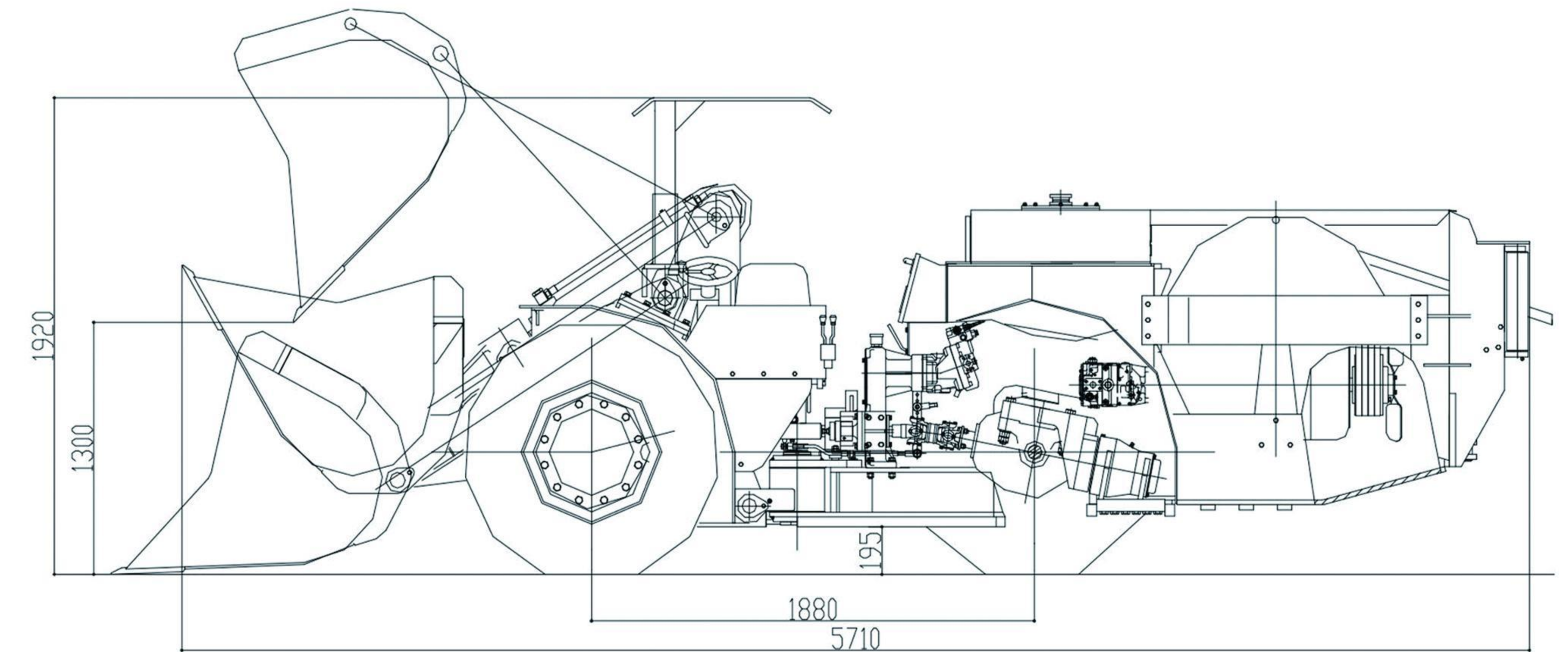
FKWJ-1E Underground Electric Loader



Main Features

- Main parts are top brands, like Sauer PV pumps and motors, Parker pump and valves etc.;
- Braking System consisted of Working brake and Stop brake, with Fully enclosed and Multi-disc wet hydraulic brake, Stop brake with spring brake;
- Tailor made size and optional parts for customers to choose: remote control, Centralized lubrication system, ejector bucket etc.

General Dimension



FKWJ-1E Underground Electric Loader



Technical Parameters

Electric motor	
• Brand	China
• Model	HM
• Rated Power	45KW/1480rpm
• Power Voltage	380V/440V, 50HZ/60HZ
• Control voltage	24V
Hydraulic Pump	
• Brand	SAUER
• Model	PV22
• Type	Fully reversible variable piston pump
Hydraulic Motor	
• Brand	SAUER
• Model	MV22
• Type	Imported Variable piston motor
Transfer Case	
• Reduction ratio	2.643
• Type	Fixed axis helical gear drive
Drive Axle	
• Brand	Focor
• Model	PC-15, with planetary speed reducer
Hydraulic System	
• Type	Working system, steering system, braking system, Oil filling and acceleration system
Braking System	
• Type	Forceps disc, hydraulic release and spring brake
Lubrication system	
• Manual lubrication	YES
Control system	
• Manual control	YES
Driver Cabin	
• Reinforced steel panel	YES
• Side-seat layout with good vision	YES
Bucket	
• Material	Manganese steel
• Ejector Bucket	For optional

General Parameter	
• Rated capacity	2000kg
• Length	5710mm
• Width(bucket)	1395mm
• Width(frame)	1300mm
• Height(cabin)	1920mm
• Bucket volume	1 m ³
• Discharging height	1300mm
• Wheelbase	1880 mm
• Min. Ground clearance	195mm
• Departure angle	15 °
• Steering angle	left/right 38 °
• Rear axle swing	±6.5 °
• Min. Turning radius	inner 2240mm
• Min. Turning radius	Outer 3990mm
Loader Weight and Load Capacity	
• Scooptram weight	7000 kg
• Load weight	9000 kg
Traveling Performance	
• Forward/backward	0-7.5 km/h
• Grade ability	25% (load)
• Max. Traction	42 KN
• Max. Shovel	40 KN
• Tyre size	10.00-20
• Tyre pressure	0.6-0.7 MPa
• Cable length	80m
Hydraulic System Pressure	
• Working pump capacity	63 ml/r
• Working rated pressure	16 MPa
• Steering pump capacity	20 ml/r
• Steering rated pressure	12.5 MPa
• Cable pump displacement	20 ml/r
Electric System	
• Working voltage	24V (consisted of two 12V batteries)
Oil Tank Volume	
• Diesel oil tank	120 L
• Hydraulic oil tank	190 L