



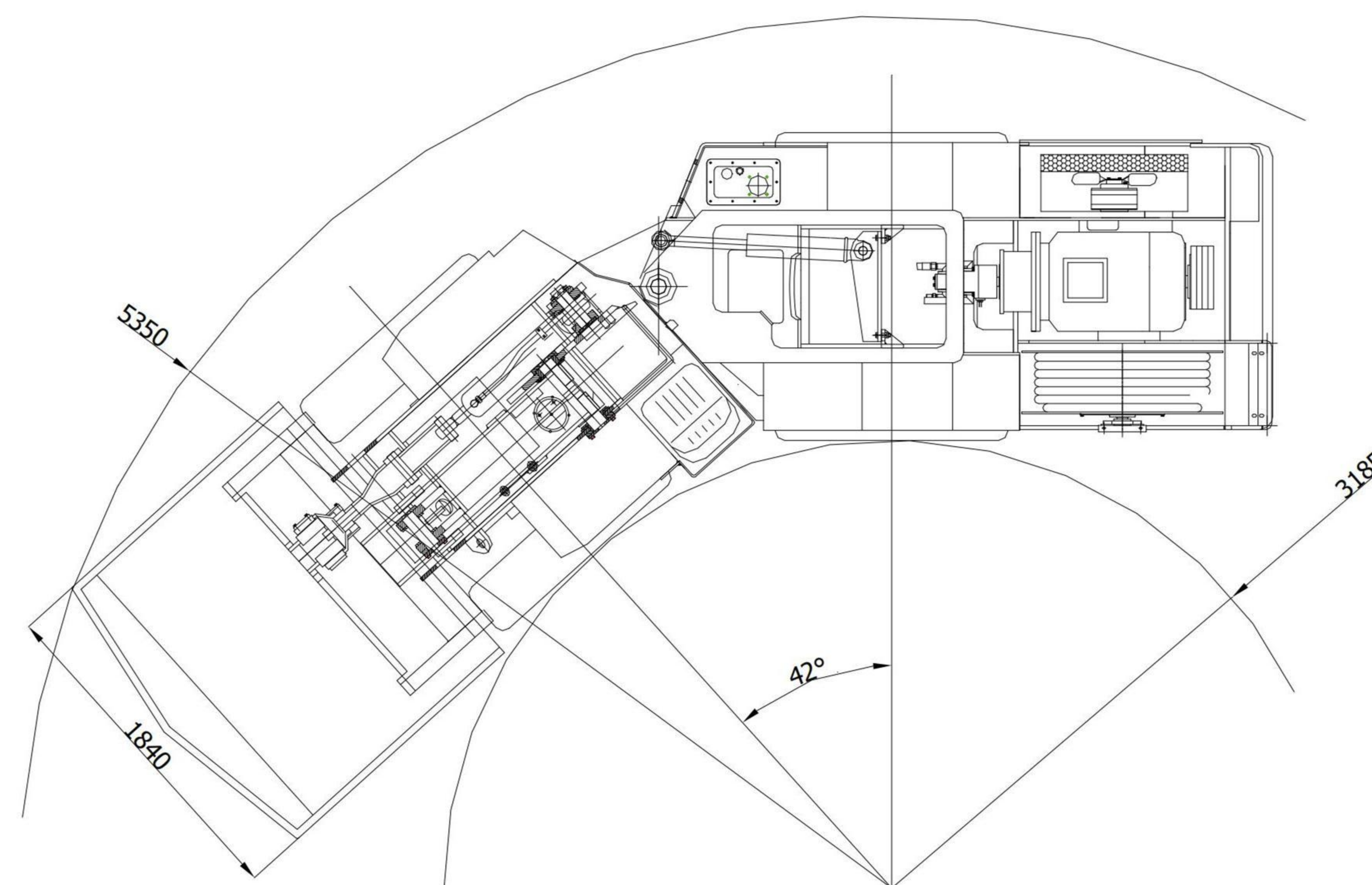
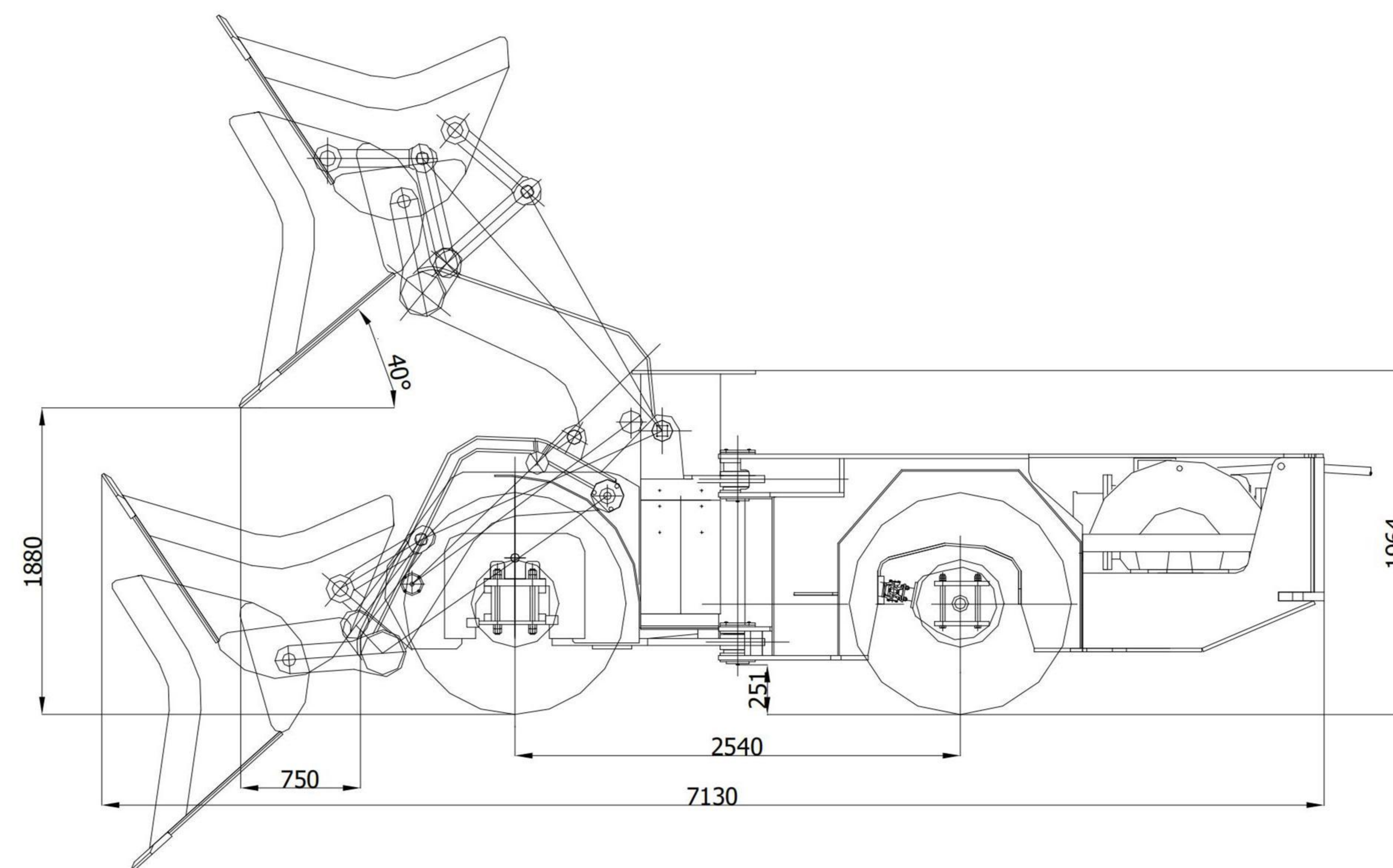
FKWJ-2E Underground Electric Loader



Main Features

- Main parts are imported top brand, like DANA torque converter, transmission, 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-2E Underground Electric Loader



Technical Parameters

Electric motor	
• Brand	China
• Model	HM2-250M-4
• Rated Power	75KW
• Power Voltage	380V/440V, 50HZ/60HZ
• Control voltage	24V
Torque Converter	
• Brand	American DANA
• Model	C272
• Type	Single stage two components, with hydraulic pump drive.
Shift Transmission	
• Brand	American DANA
• Model	R32000
• Shift	power shift (3 shifts) forward+backward, with Emergency brake
Hydraulic pump	
• Work pump	Parker
• Steering pump	Parker
• Brake pump	Rexroth
• Slippage pump	DANA
Hydraulic valve	
• Work valve	Parker
• Steering valve	Parker
• Brake pump	Wabco
• Prefill valve	Mico
• Acceleration valve	WILLIAMS
Drive Axle	
• Brand	China
• Type	Rigid planetary transmission axle with NON-SPIN & anti-slip differential
Hydraulic System	
• Type	Working system, steering system, braking system, Oil filling and acceleration system
Braking System	
• Description	Fully enclosed and Multi-disc wet hydraulic brake, Stop with spring brake
• Type	Working brake, Stop 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	4000kg
• Length	7130mm
• Width(bucket)	1840mm
• Width(frame)	1300mm
• Height(cabin)	1964mm
• Bucket volume	2 m ³
• Lifting height	3850mm
• Discharging height	1880mm
• Min. Discharging distance	680mm
• Discharging angle	40 °
• Wheelbase	2540mm
• Wheel distance	1373 ± 15mm
• Min. Ground clearance	251mm
• Departure angle	15 °
• Steering angle	left/right 42 °
• Rear axle swing	± 6.5 °
• Min. Turning radius	inner 3185mm
• Min. Turning radius	Outer 5350mm
Loader Weight and Load Capacity	
• Scooptram weight	13400 kg
• Load weight	17400 kg
Traveling Performance	
• 1 shift forward/backward	4.3 km/h
• 2 shift forward/backward	9.5 km/h
• 3 shift forward/backward	18.1 km/h
• Grade ability	12% (load)
• Max. Traction	102 KN
• Max. Shovel	82 KN
Hydraulic System Pressure	
• Working system, rated pressure	14 MPa
• Steering system, rated pressure	14 MPa
• Brake system, rated pressure	12.5 MPa
Hydraulic Cylinder	
• Acceleration cylinder	WILLIAMS
Oil Tank Volume	
• Diesel oil tank for travelling	45 L
• Hydraulic oil tank	190 L
Electric System	
• Working voltage	24V (consisted of two 12v batteries)
• Cable length	100 m
Dis-assemble Size	
• Size	3324X1568X1195mm
Tunnel Applicable	
• Size	3000mm X 3500mm