



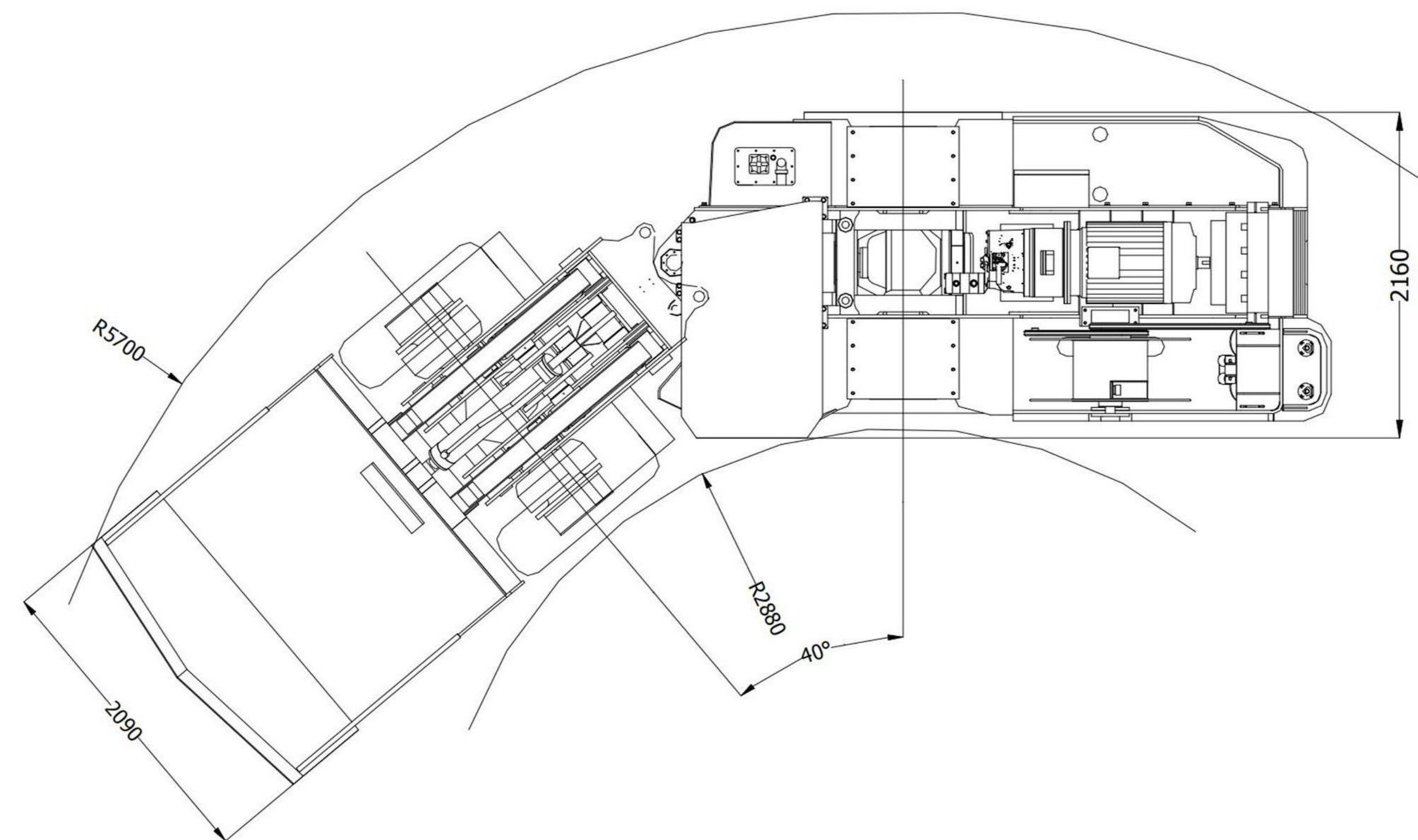
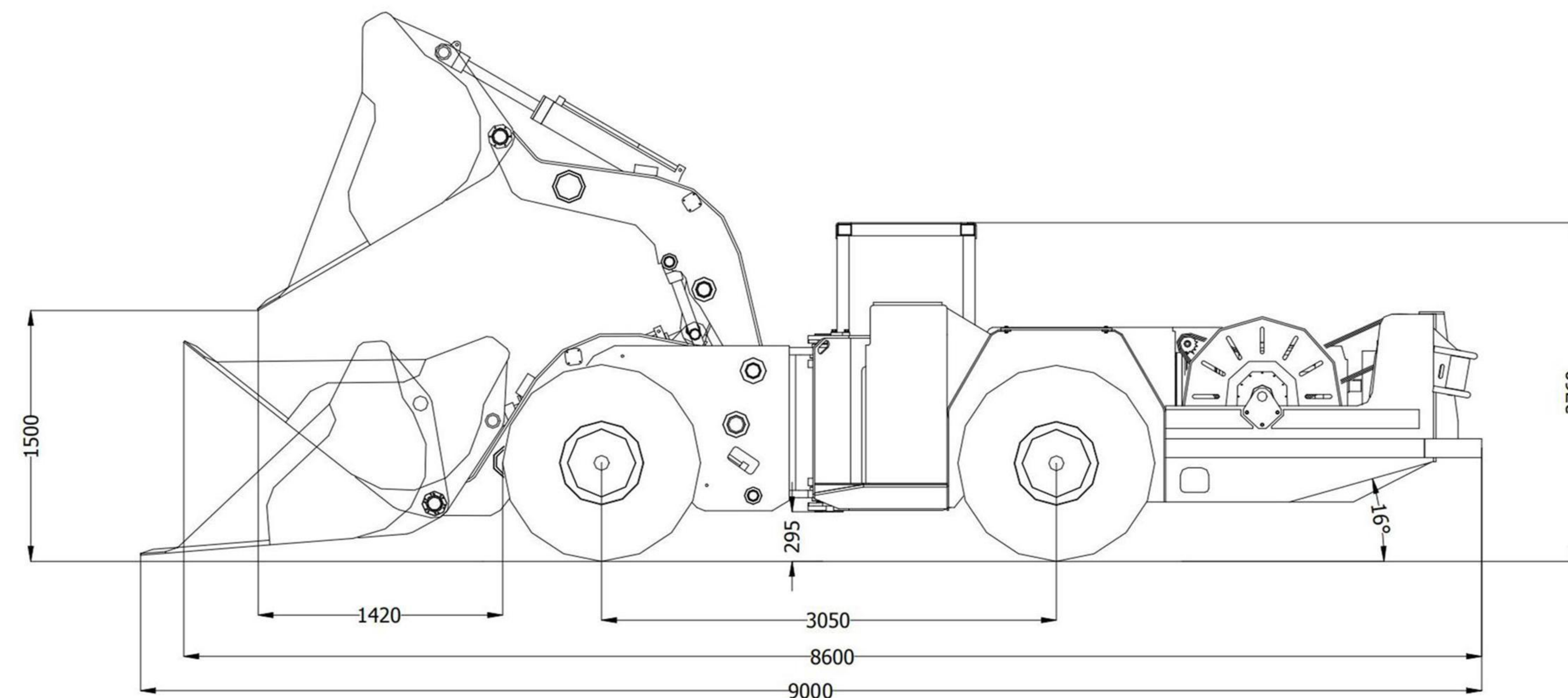
FKWJ-3E Underground Electric Loader



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-3E Underground Electric Loader



Technical Parameters

Electric motor

- Brand China
- Model HM2-280M-4
- Rated Power 90KW/1480rpm
- Power Voltage 380V/440V, 50HZ/60HZ
- Control voltage 24V

Torque Converter

- Brand American DANA
- Model C273
- Type Single stage two components, with hydraulic pump drive.

Shift Transmission

- Brand American DANA
- Model R32000
- Shift power shift (4 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

Axle

- Brand American DANA
- Type Rigid planetary transmission axle with NON-SPIN & anti-slip differential
- Model 16D

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

General Parameter

- Rated capacity 6000kg
- Length(bucket down) 9000mm
- Length(bucket up) 8600mm
- Width(bucket) 2160mm
- Height(cabin) 2760mm
- Bucket volume 3 m³
- Total action time < 25s
- Lifting height 4230mm
- Discharging height 1500mm
- Min. Discharging distance 1420mm
- Discharging angle 40 °
- Wheelbase 3050mm
- Wheel distance 1900mm
- Min. Ground clearance 295mm
- Departure angle 16 °
- Steering angle left/right 42 °
- Rear axle swing ± 8 °
- Min. Turning radius inner 2880mm
- Min. Turning radius Outer 5700mm

Loader Weight and Load Capacity

- Scooptram weight 17000 kg
- Load weight 23000 kg

Traveling Performance

- 1 shift forward/backward 3.8 km/h
- 2 shift forward/backward 7.8 km/h
- 3 shift forward/backward 12.5 km/h
- 4 shift forward/backward 20 km/h
- Grade ability 15% (load)
- Max. Traction 100 KN
- Max. Shovel 120 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

- Hydraulic oil tank 190 L

Electric System

- Working voltage 24V (consisted of two 12v batteries)

- Cable length 100 m

Bucket

- Material Manganese steel
- Ejector Bucket For optional