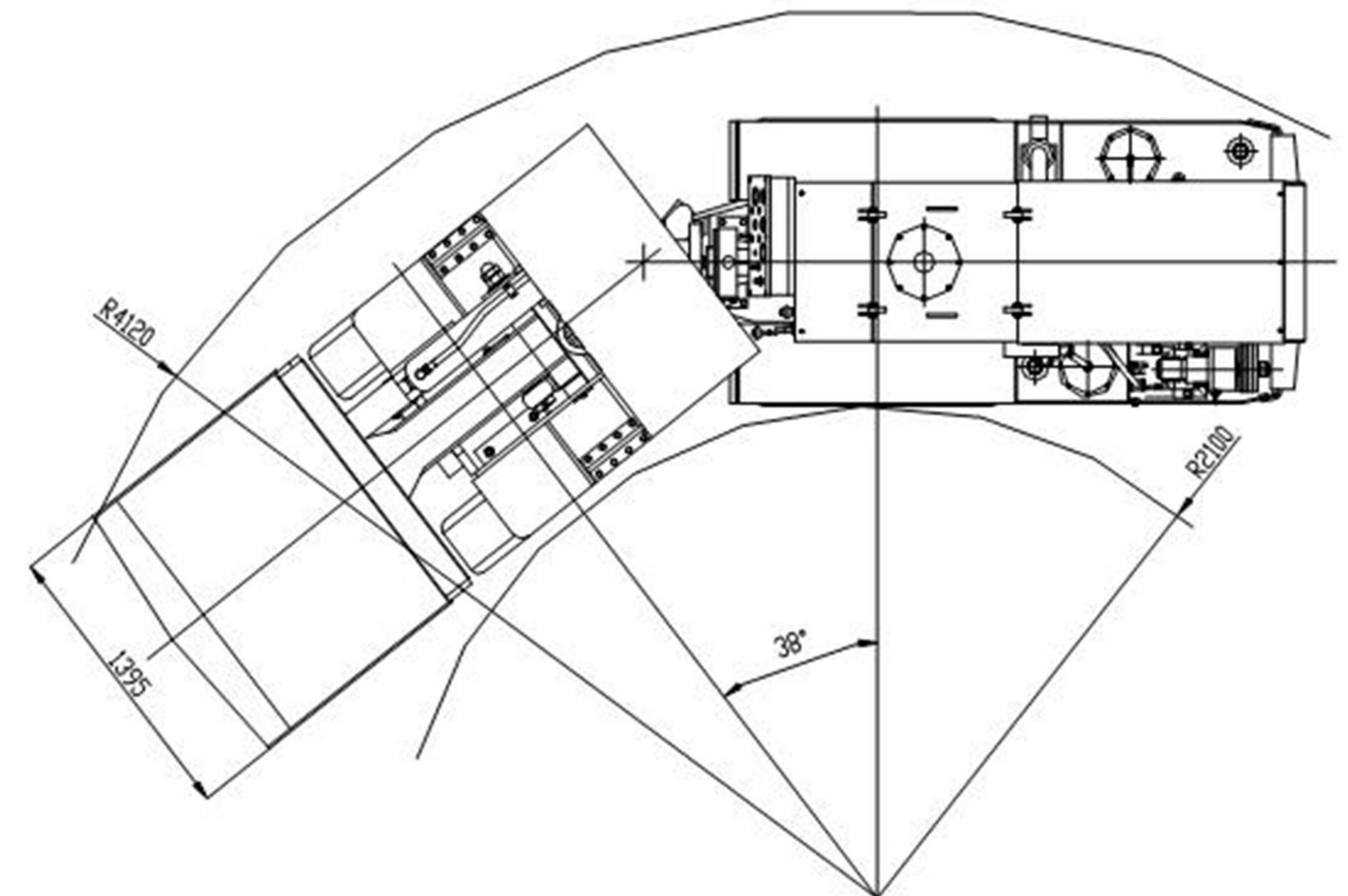
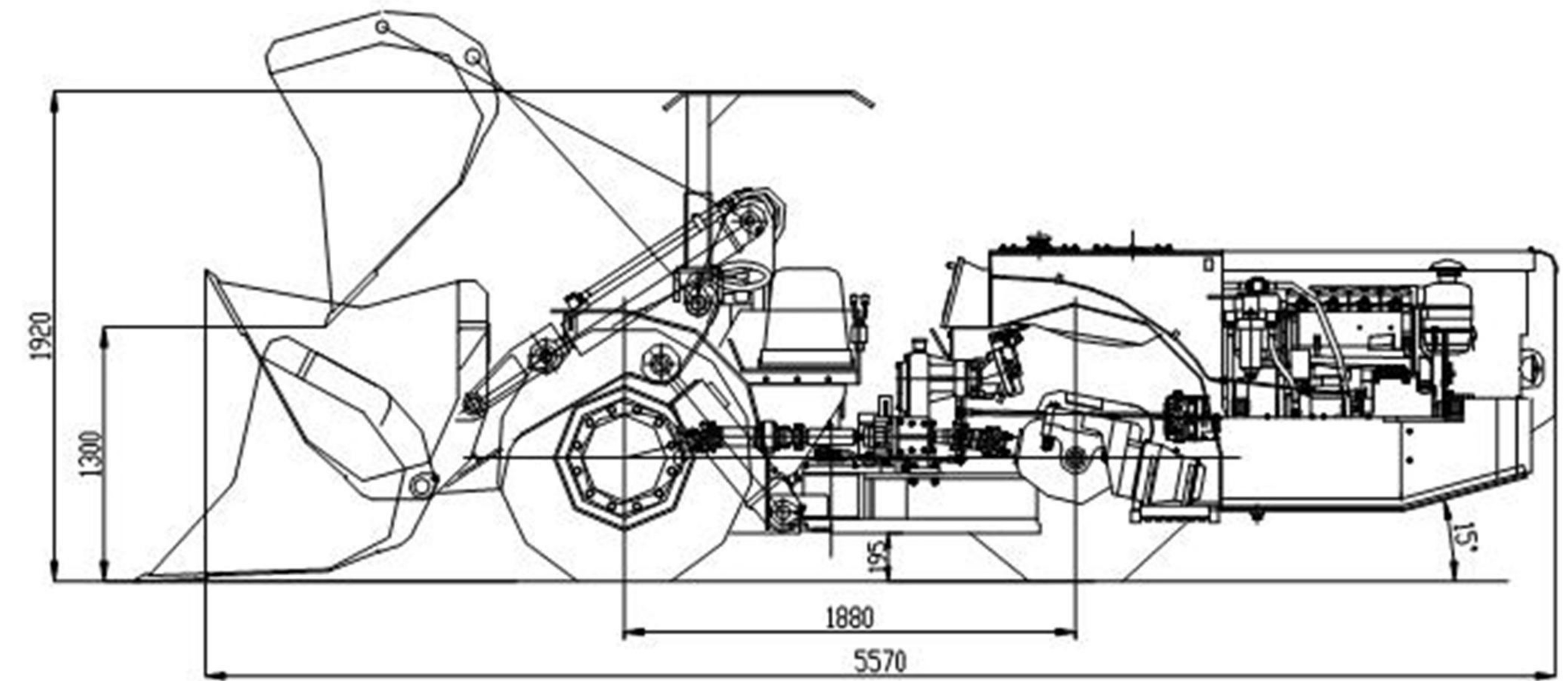




Main Features

- Main parts are imported top brand, like Deutz Engine, Sauer PV pumps and motors, Parker pump and valves etc.;
- Brake system is equipped with Forceps disc, hydraulic release and spring brake, supply better braking performance; Central articulated full hydraulic steering.
- Tailor made size and optional parts for customers to choose: remote control, ejector bucket etc.

General Dimension



FKWJ-1 Underground Diesel Loader



Technical Parameters

General Parameter

- Rated capacity ... 2000kg
- Length ... 5700mm
- Width(bucket) ... 1395mm
- Width(frame) ... 1300mm
- Height(cabin) ... 1920mm
- Bucket volume ... 1 m3
- 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 2100 mm
- Min. Turning radius ... Outer 4120 mm

Loader weight and load capacity

- Scooptram weight ... 6780 kg
- Load weight ... 8780 kg

Traveling performance

- Forward/backward ... 0-12 km/h
- Grade ability ... 25%
- Max. Traction ... 54 KN
- Max. Shovel ... 45 KN
- Tyre size ... 10.0-20
- Tyre pressure ... 0.6-0.7 MPa

Oil tank volume

- Diesel oil tank ... 60L
- Hydraulic oil tank ... 120L

Hydraulic system pressure

- Working pump capacity ... 50 ml/r
- Steering pump capacity ... 16 ml/r
- Working rated pressure ... 16 ml/r
- Steering rated pressure ... 12.5 ml/r

Control system

- Manual control ... YES
- Remotor control ... For optional

Lubrication system

- Manual lubrication ... YES
- Centralized lubrication ... For optional

Fire system

- Manual Fire extinguisher ... YES
- Centralized Fire extinguisher ... For optional

Diesel Engine

- Brand ... Germany DEUTZ
- Model ... D914L04
- Type ... Air cooling, Tier III, Stage 3A
- Rated Power ... 58KW/2300rpm
- Optional brand ... CUMMINS QSF3.8/74KW

Hydraulic Pump

- Brand ... SAUER
- Model ... PV22
- Type ... Fully reversible variable piston pump

Hydraulic motor

- Brand ... SAUER
- Model ... MV 22
- Type ... Imported Variable piston motor

Drive Axle

- Brand ... Focor
- Reduction ratio ... 25.868

Hydraulic system

- Type ... Working system, steering system
braking system, Oil filling and
acceleration system.

Braking System

- Type ... Forceps disc hydraulic release
and spring brake

Driver cabin

- Reinforced steel panel
- Side-seat layout with good vision

Bucket

- Material ... Manganese steel
- Ejector Bucket ... For

Electric system

- Working voltage ... 24V (consisted of two 12v

Transfer case

- Type ... Fixed axis helical gear drive
- Reduction ratio ... 2.643