



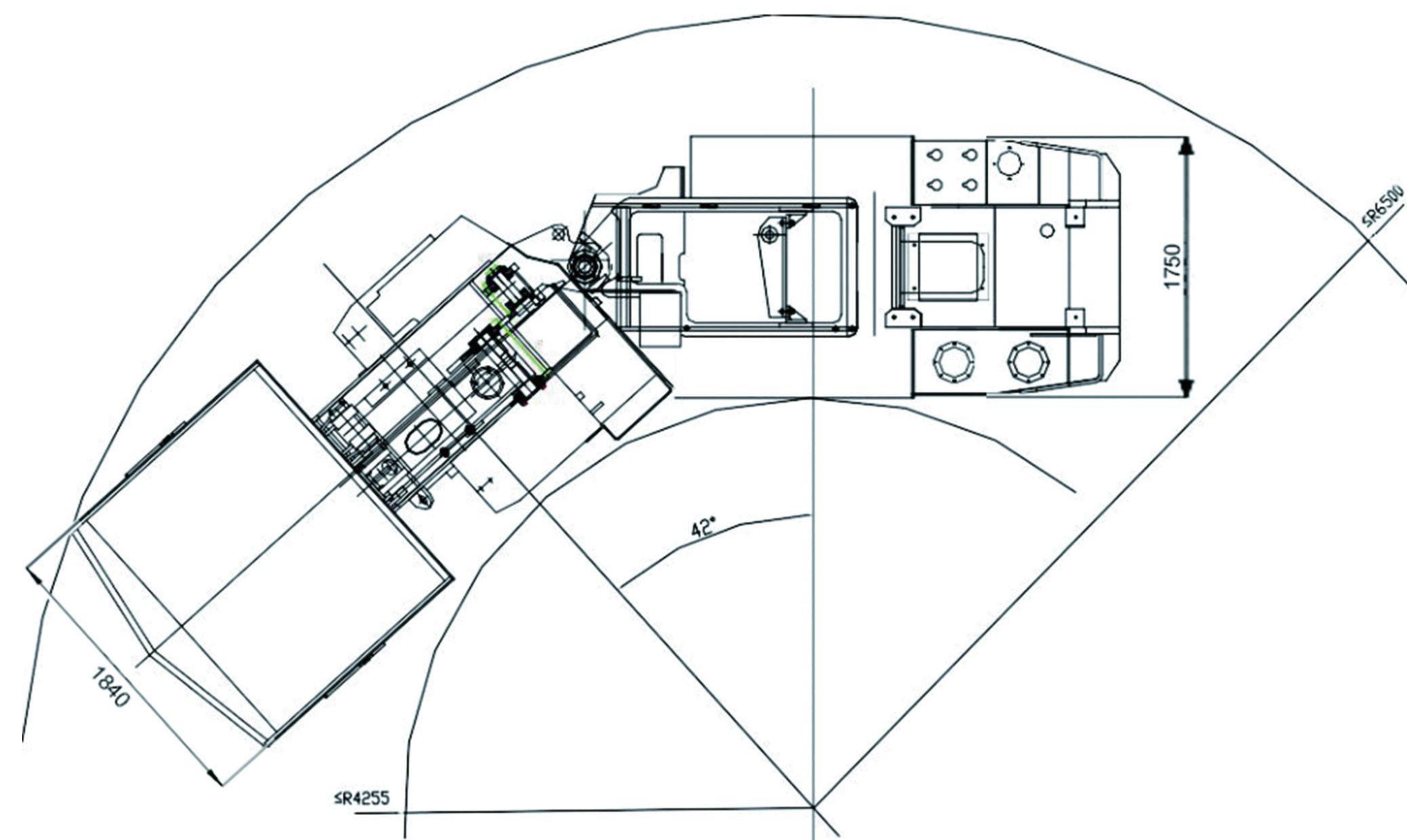
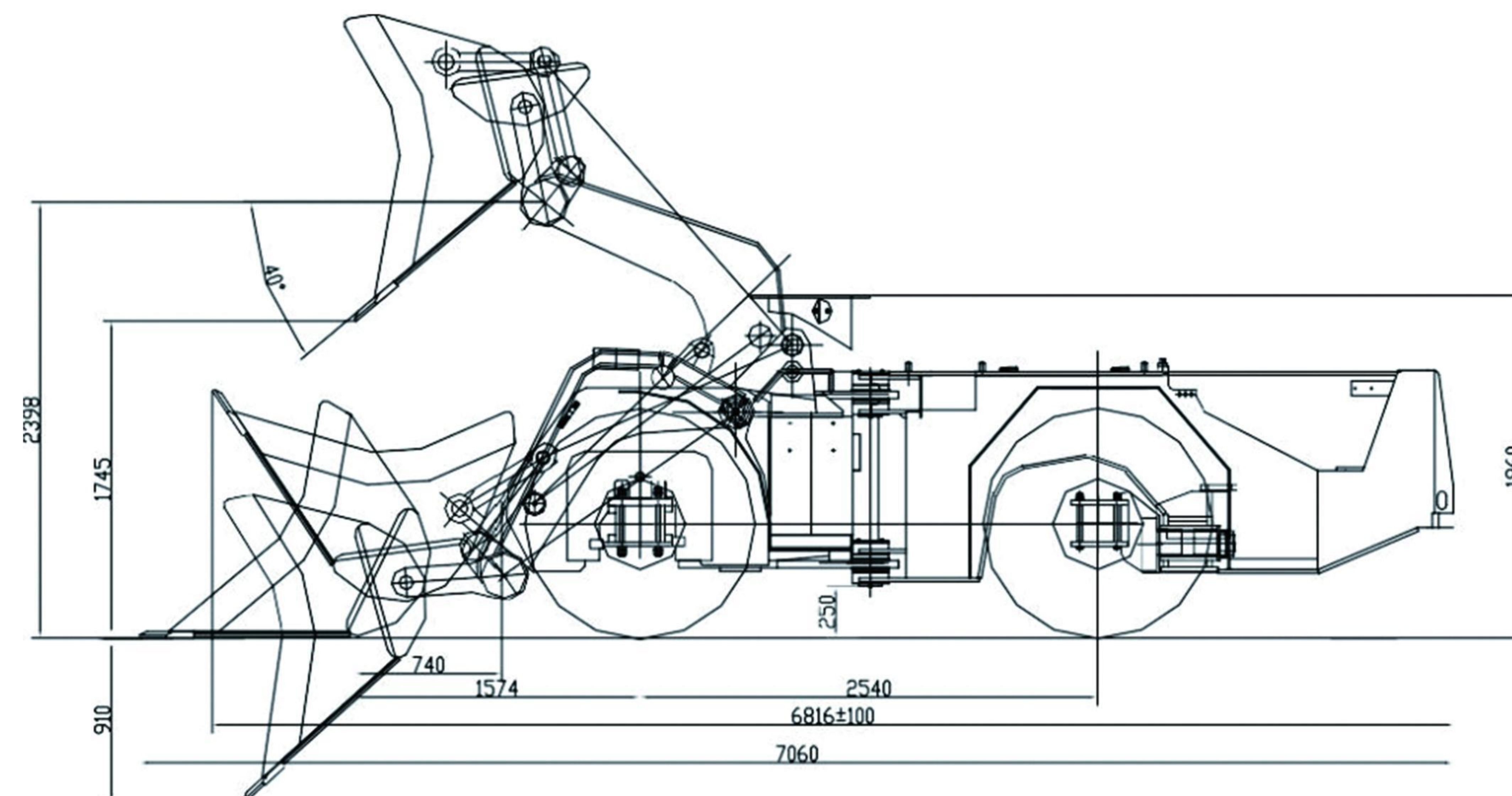
FKWJ-2 Underground Diesel Loader



Main Features

- Main parts are imported top brand, like Deutz Engine, 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-2 Underground Diesel Loader



Technical Parameters

Diesel Engine

- Brand Germany DEUTZ
- Model F6L914
- Type Air cooling
- Rated Power 84KW/2300rpm
- Rated Torque 323Nm/2300rpm
- Max. Torque 345Nm/2300rpm
- Remarks Original Germany Deutz Brand

Hydraulic Pump

- Brand Parker
- Steering pump Parker
- Brake pump Rexroth
- Slippage pump DANA

Torque Converter

- Brand American DANA
- Model C272
- Type Single stage two components with hydraulic pump drive

Shift Transmission

- Brand American DANA
- Model R32421
- Shift Power shift (3 shifts) forward+backward with Emergency brake

Axle

- Brand China
- Type Rigid planetary transmission axle with NON-SPIN & anti-slip differential

Braking System

- Type Working brake, Stop brake
- Description Fully enclosed and Multi-disc wet hydraulic brake , Stop with spring brake

Driver Cabin

- Reinforced with 6mm steel panel
- Side-seat layout with good vision

Bucket

- Material Manganese steel Without ejector bucket: Optional

Electric System

- Working voltage24V (consisted of two 12v batteries)

Oil Tank Volume

- Diesel oil tank 100 L
- Hydraulic oil tank 120 L

Electric System

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

Control system

- Manual control
- Remote control Optional

General Parameter

- Rated capacity 4000kg
- Length(bucket down) 7060mm
- Length(bucket up) 6816mm
- Width(bucket) 1840mm
- Width(frame) 1750mm
- Height(cabin) 1960mm
- Bucket volume 2 m³
- Lifting height 3850mm
- Discharging height 1745mm
- Min. Discharging distance 740mm
- Discharging angle 40°
- Wheelbase 2540mm ± 15mm
- Wheel distance 1373 ± 15mm
- Min. Ground clearance 272mm
- Departure angle 15°
- Steering angle left/right 42°
- Rear axle swing ±6° - ±8°
- Min. Turning radius inner 4255mm
- Min. Turning radius Outer 6500mm

Loader Weight and Load Capacity

- Scooptram weight 12500 kg
- Load weight 16500 kg

Traveling Performance

- 1 shift forward/backward3.8 km/h
- 2 shift forward/backward7.8 km/h
- 3 shift forward/backward12.5 km/h
- 4 shift forward/backward20 km/h
- Grade ability 15% (load)
- Max. Traction 120 KN
- Max. Shovel 100 KN

Hydraulic System Pressure

- Working system, rated pressure 14 MPa
- Steering system, rated pressure 14 MPa
- Brake system, rated pressure 12.5 MPa

Hydraulic System

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

Hydraulic Valve

- Work valve Parker
- Steering valve Parker
- Brake valve Wabco
- Prefill valve Mico
- Acceleration valve WILLIAMS

Lubrication system

- Manual lubrication

Hydraulic Cylinder

- Acceleration cylinder WILLIAMS