



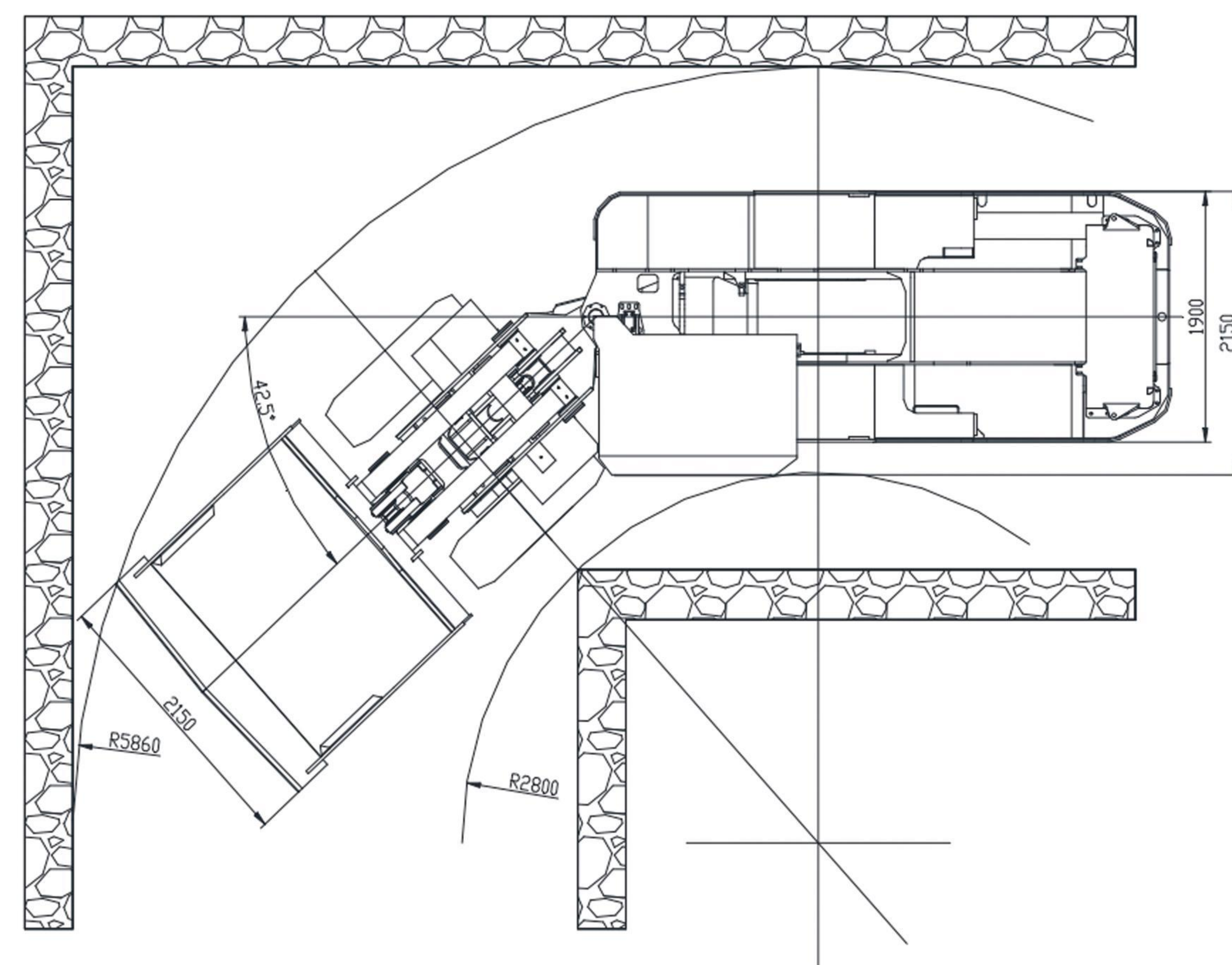
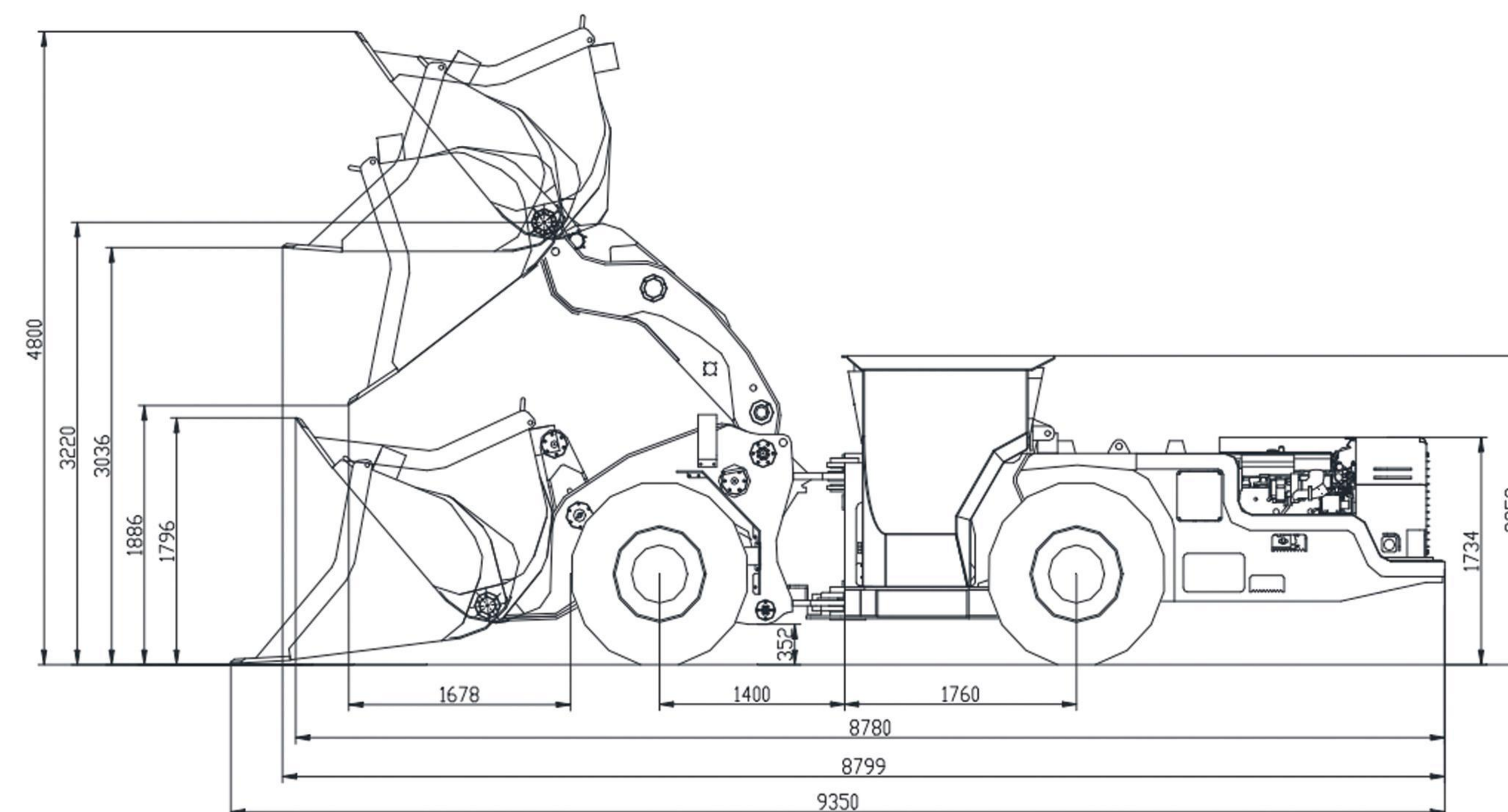
FOCOR FKWJ-3 Underground Diesel Loader



Main Features

- Main parts are imported top brand, like Deutz or Cummins Engine, DANA torque converter, transmission, axle 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, Closed Cabin with air conditioner, ejector bucket etc.

General Dimension



FKWJ-3 Underground Diesel Loader



Technical Parameters

Diesel Engine

- Brand ... Germany DEUTZ
- Model ... F6M1013
- Type ... Water cooling
- Rated Power ... 165KW/2300rpm
- Optional brand ... CUMMINS QSB4.5/164KW

Hydraulic Pump

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

Torque Converter

- Brand ... American DANA
- Model ... C270
- 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

Axle

- Brand ... DANA 16D
- Optional ... KESSLER D91

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 ... YES
- Side-seat layout with good vision ... YES
- Closed Cabin with air conditioner ... For Optional

Bucket

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

Electric System

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

Oil Tank Volume

- Diesel oil tank ... 240 L
- Hydraulic oil tank ... 300 L

Electric System

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

Control system

- Manual control ... YES
- Video remote control system ... Optional

General Parameter

- Rated capacity ... 7000kg
- Length(bucket down) ... 9350mm
- Length(bucket up) ... 8780mm
- Width(bucket) ... 2150mm
- Width(frame) ... 2150mm
- Height(cabin) ... 2252mm
- Bucket volume ... 3.5 m³ (4.5 yd)
- Lifting height ... 4800mm
- Discharging height ... 1886mm
- Discharging angle ... 32 °
- Wheelbase ... 3160mm
- Min. Ground clearance ... 352mm
- Departure angle ... 15 °
- Steering angle ... left/right 40 °
- Rear axle swing ... ± 10 °
- Min. Turning radius ... inner 3200mm
- Min. Turning radius ... Outer 5760mm

Loader Weight and Load Capacity

- Scooptram weight ... 19740 kg
- Load weight ... 25740 kg

Traveling Performance

- 1 shift forward/backward ... 4.2 km/h
- 2 shift forward/backward ... 8.5 km/h
- 3 shift forward/backward ... 14.5 km/h
- 4 shift forward/backward ... 20 km/h
- Grade ability ... 25% (load)
- Max. Traction ... 140 KN
- Max. Shovel ... 120 KN
- Tyre ... 17.50-25

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

Hydraulic Cylinder

- Acceleration cylinder ... WILLIAMS

Lubrication System

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

Fire System

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