1. Configuration

Engine

Manufacturer: Deutz
Type: F6L912W
Design: air cooled diesel engine two stage combustion
Max power: 65 KW/ 2300 rpm
Max torque: 275 Nm/ 1600 rpm
Air intake system: dry air filter
Exhaust system: silencer / exhaust gas catalyst
Transmission / Torque converter
Manufacturer: DANA
Type: 1201FT20321

Axle
Manufacturer: DANA
Type: 112
Design: rigid planetary axles with differential gear
Rear axle swing angle: 10 degree

Brake system
Design of service brake: multi disc brake
Design of parking brake: spring brake operated disc brake, hydraulically released

Hydraulic system
Front and rear is articulated
Number of steering cylinders: 2

Wheel and tires
Tires : 10.00-20-14
Rim: 8.0-20

2. Performance

Main dimensions
Length: 6620 mm
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Width: 1800 mm
Height: 2570 mm
Payload: 4500 kgs
Wheelbase: 3420 mm
Track-width: 1530 mm
Min distance from ground: 260 mm
Inner clearance circle: 3800 mm
Outer clearance circle: 5780 mm
Swing angle: ±10 degree
Steering angle: 38 degree
Maximum traction: 86 kN

Weights
Operating weight: 7160 kgs

Driving capacities
Maximum driving speed, laden forward / reverse, on a level roadway
1st gear: 0 to 4.8 km/h
2nd gear: 0 to 10.0 km/h
3rd gear: 0 to 22.0 km/h
Maximum admissible gradient: 25 % (14°)

3. Dimension of the Platform
Carriage size: 2800 × 1800 × 170 (mm)
Max lifting capacity: 1000 kgs
Max lifting distance: 3200 mm
Max lifting torque: 14000 N • M