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- Working device Load, Haul,dumping time: < 25 s
 - Travelling speed (Forward+Reverse):
 - 1st Gear 5±0.5 km/h
 - 2nd Gear 9.5±1 km/h
 - 3rd Gear 15±1.5 km/h
 - 4th Gear 22±2 km/h
 - Max. Grade ability: ≥16 °(Fully load)
 - Min. turning radius: Outer ≤6500 mm
 - Articulated frame swinging angle: (±7 ~ ±10) °
 - Steering angle: ±40 °
 - Max. off load angle: 42 °
 - Max. off load height: ≥1500 mm
 - Min. off load distance: ≥880 mm
 - Ground clearance: ≥280 mm
 - Transport size (L×W×H): (8700±250)×(2150±50)×(2230±50) mm
 - Machine weight: 19200 KGS

2.2. Engine

- Model: TCD6.1 L6 EU5 emission standard Deutz engine
- Rated power installed: 160 kW@2300 r/min
- Max. torque output: 1000 N·m@1600 r/min
- Start-up method: Electric starter
- Exhaust purifying: Catalyst purifier

2.3. Transmission

- Torque converter: DANA C273
- Transmission : DANA 32000
- Drive axle: Kessler D91 NO-SPIN or DANA 16D
- Tires: 17.5-25 20PR L-5S

2.4. Steering

- All hydraulic pilot power steering
- Steering cylinder DIA ϕ 100 mm
- Steering pump PARKER
Displacement 40.35 ml/r
- Steering hydraulic pressure 20.5 MPa
- Pilot hydraulic pressure 2.5 MPa

2.5. Working hydraulics

- All hydraulic pilot valve controlling bucket functions
- Tilting cylinder DIA ϕ 200
- Hoisting cylinder DIA ϕ 160
- Working pump Parker
Displacement 40.35 ml/r+40.35 ml/r
- Working hydraulic pressure rating 20.5 MPa
- Pilot valve pressure rating 2.5 MPa

2.6. Brakes

2.6.1. Travelling brake

- Wheel side POSI-STOP brakes with spring brakes and hydraulic release
- Brake pump Diesel engine equipped
- Displacement 11 ml/r

2.6.2. parking brake & Emergency brake

- Parking brake, emergency brake similar to travelling brake, controlled with the brake button inside the cabin.

2.7. Electrics

- System voltage: 24V DC
- Starter motor voltage/power: 24 V / 4 kW
- Travelling lamp Front lamp 24 V DC 70W ×2
Rear lamp 24 V DC 70W ×2
- Working lamp LED lamp 24 V DC 12W ×2

2.8. Lubrication

- LINCOLN lubrication system (Optional) Manual
- Automatic lubrication system (Optional) Automatic

2.9. Cabin and other components

- Seat SC2-6
- Speed shift LJ101 soft shaft control
- Direction LJ101 soft shaft control
- Throttle footage pedal Williams power control

2.10. Oil volume in the system

- Hydraulic oil: 330 L

- Diesel: 120 L
- Transmission: 25 L
- Drive axle main drive: 29.8 L×2
- Drive axle wheel side differential: 4.7 L×4

3. Picture for reference



