FAML-0,75 Technical specifications
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Technical Data

1.1 Configuration of the Integrated Equipment

(1) Engine
   Manufacturer: DEUTZ AG
   Type: F4L912W 42kw /2300rpm (can be equipped with turbocharger)
   Design: Air cooled diesel engine two-stage combustion
   Air intake system: Dry filter
   Exhaust system: Purifier/Silencer

(2) Hydraulic motor
   Type: MV23

(3) Hydraulic pump
   Type: PV22

(4) Axles
   Type: China Fenyi PC15A;

(5) Design of brake system
   Working brake: Between pump and motor
   Parking brake: Inside drop box

(6) Hydraulic system
   Dump/hoist hydraulic system
   Number of hoist cylinders: 2
   Number of dump cylinders: 1
   Number of steering cylinders: 2 (articulated, hydraulic, bidirectional)
   Charging valve: USA Mico
   Working valve: China Changjiang

(7) Wheels and tires
   Tires: 10.00--20
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1. **Main dimensions**
   - Length: 5990 ± 100 mm
   - Width: 1400 ± 50 mm
   - Height (above driver’s canopy): 2000 ± 50 mm
   - Bucket capacity (SAE, heaped): 0.75 M³
   - Max hoist height: 3205 ± 50 mm
   - Max unloading height: 927 ± 50 mm
   - Inner clearance circle: 2100 ± 150 mm
   - Outer clearance circle: 3900 ± 250 mm
   - Ground clearance: ≥ 170 mm
   - Wheel base: 1880 mm
   - Steering angle: 38°
   - Gradient: ≥ 25%
   - Oscillation: ± 6°
   - Max. Traction force: 50 KN
   - Max. Shovel force: 45 KN

2. **Weights**
   - Operating weight: 7200 kg
   - Payload: 1500 kg

3. **Driving capacities**

4. **Electrical equipment**
   - Operating voltage: 24 V

5. **Filling volumes**
   - Fuel tank: 40 L
   - Hydraulic tank: 120 L
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Remarks:
Fambition will keep right to improve the specifications without advanced notification.