

## **FAML-1.5 Diesel LHD Configuration and Technical Data**

### **I Main Configuration**

#### 1. Engine

- Manufacturer: DEUTZ
- Model: F6L912W
- Rated Power: 63KW / 2300 rpm

#### 2. Converter

- Manufacturer: DANA
- Model: C272
- Type: Single stage, 2 elements, with hydraulic pump to drive

#### 3. Transmission

- Manufacturer: DANA
- Model: R20000
- Type: Power shift
- Gears: 3

#### 4. Axle

- Manufacturer: Made by our factory.
- Type: Rigid planetary drive axle with NO-SPIN differential, axle bearing and friction disc are imported parts.

#### 5. Brake system

- Including: Service Brake and Park Brake
- Feature: Wet full-sealed hydraulic multi-disc brake

#### 6. Hydraulic system

- Including: working system, steering system, brake system, oil-filling system

Remarks: brake pump, charge valve, foot-pedal valve and throttle acceleration cylinder are imported parts.

#### 7. Others

- Tire: 12.00/2.5-24
- Bucket blade: special wear-resistant alloy cast steel

## II Main Technical Data

### 1. Overall dimension

Rated payload: 3t

Max lifting height: 3530mm

Max dumping height: 1480mm

Bucket capacity(SAE) : 1.5m<sup>3</sup>

Dimension (L x W x H): 6960mm×1524mm×2032mm

Dump angle: 40°

Wheelbase: 2516mm

Trackwidth: 1225mm

Departure angle: 15°



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Min ground clearance: 220mm

Operating Weight: 10320kgs

## 2. Performance

Travel speed

1gear: forward / reverse 0~4.4km/h

2gear: forward / reverse 0~10.7km/h

3gear: forward / reverse 0~19.4km/h

Admissible Gradient  $\geq 20^\circ$

Max tractive force: 104KN

Max shovel force: 102KN

## 3. Steering

Steering angle:  $\pm 36^\circ$

Min turning radius: 3260 (inside) 5270 (outside)

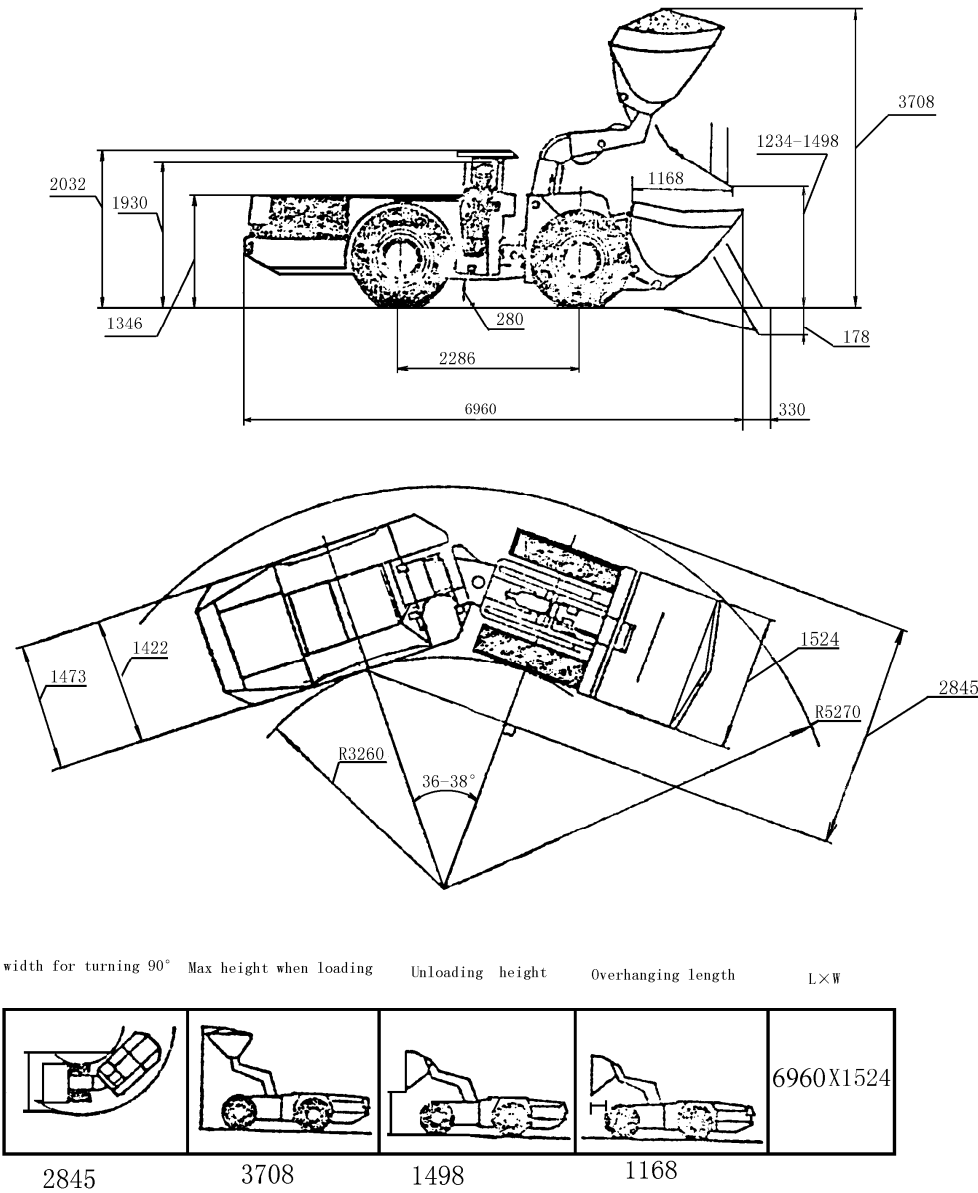


Fig 3

**Remarks: FAMBITION will keep the right to update the specification without advanced notification.**