

## WJ-2 (I) PRODUCTION LOADER (1500mm)

WITH SEALED CABIN/AIR-CONDITIONER/LUBRICATION/FIRE  
SUPPRESSION/CAMERA AND VIDEO

Articulated frame, five-part boom, driver's cabin seated in the front frame with ROPs.

Shovel blade made of Hardox anti-wearing plate. Front axle with imported differential.

Rated shovel capacity: (SAE stack ): 2~2.5 m<sup>3</sup>

Rated loading capacity : 4000 kg

Max traction force: 100 KN

Max. Shoveling force: 105 KN

Travelling speed:

Gear I 0 ~ 3.7 km/h

Gear II 0 ~ 7.7 km/h

Gear III 0 ~ 13.4 km/h

Gear IV 23.1 km/h

Machine weight: 14500 kgs

### **External dimensions:**

Complete length (during transportation): 8300mm

Width (Shovel external): 1820mm

Width (Machine width): 2450mm

Height (LHD body): 1356 mm

Height to ROPs: 1500 mm

Wheel base: 2920 mm

Ground Clearance: 270 mm

Turning radius (External) 5700 mm

Turning radius (Inner) 2495 mm

Maximum offload height: 1646 mm

Grade ability: 25%

Maximum steering angle:  $\pm 40^\circ$

## **Powertrain**

Engine: Germany imported Deutz

Model: BF4M1013EC

Type: Water-cooled diesel engine

Rated power: 112~115KW/2300rpm

Fuel consumption: 230g/kwh

Exhaust Purifier: Catalytic oxidation+Silence

## **Drive line**

Torque converter: C272/DANA

Gear-box: R32000/DANA

Drive axle: XUZHOU CY-2JA ratio: 26.11

**Options:** DANA 14D or KESSLER+CO D81 drive axles.

Tyre: 12.00-24-24 smooth surface and cut-resistance

Inflation pressure: 975kPa

Tire rim: 8.5

Brake system:

Service brake: Dual-system, Wet Multi-disc Hydraulic brake spring brake

With imported hydraulic valve

## Steering: manual pilot valve

Steering cylinder \* Qty: D140/d70E ×1

Swing angle: ±40°

## Working hydraulic system

Type: Manual control multiple directional valve

Working oil pump: imported gear pump

Lifting cylinder\*cylinder Qty: D180/d90 E ×1

Tilting cylinder\*cylinder Qty: D140/d70E ×1

Multiple directional valve : SD25

## Electric system

Voltage: 24V

Starter motor: BOSCH 4KW/24V

AC Starter: BOSCH 28V/35A

Battery: 2×12/120Ah

Instrument panel: Engineer oil temperature gauge

Engine oil pressure gauge

Diesel oil level gauge

Current gauge

Hour meter

Cylinder head temperature gauge

Diesel engine RMP

Working oil temperature gauge

Transmission oil temperature

Warnings

Oil Volume:

Diesel engine oil: 28 Ltr. to the lower level

Diesel tank: 200 Ltr.

Transmission oil: 28 Ltr. 6#, 8# hydraulic oil.

Hydraulic oil tank: 200 Ltr. 68# anti-wearing hydraulic oil

Driving axle: Main driving axle with 17 Ltr. Oil\*2

Each reducer with 3.5 Ltr. Oil\*4

Lubrication oil GL-4 85W/90 heavy duty, gear oil.

Production and safety:

Temperature no more than 40°C

FOPS&ROPS in accordance with GB/T5143



