



## About Us

**Founded in 2014**, Engirise is a global manufacturer delivering industrial machinery that powers industries worldwide. Our mission is to redefine industrial solutions through innovation, quality, and customer success.

Driven by engineering excellence, we empower industries to build smarter, safer, and more sustainable futures.

## Connect With Us

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# BACKHOE LOADER

Model Name: BL124D

# Features Provided

01

**High-Performance Engine:** The machine is powered by a renowned brand supercharged engine, designed for high efficiency and energy-saving performance. It delivers a powerful output, ensuring that the equipment can handle demanding tasks with ease and reliability.

02

**User-Friendly Operator Console:** Equipped with a multi-functional operator console, the machine offers an intuitive and easy-to-navigate control system. This design enhances the operator's experience, allowing for precise and efficient control of all machine functions.

03

**Advanced Mobility Features:** The machine is fitted with low-pressure, wide-base off-road tires and a swinging rear axle, providing superior off-road capabilities and passing performance.

04

**Comfortable and Spacious Cab:** The new cab offers more space for better comfort and visibility for the operator. Its advanced digging end structure, hinge point ensures a wide bucket angle, strong soil holding capacity, and simplified operation, making it ideal for a variety of tasks.



MODEL NAME  
**BL124D**

# Parameters

## A. Model:

- i. Operating Weight- 8200KG
- ii. Overall Dimension (L x W x H)- 6050×2465×3152mm
- iii. Wheel Base- 2280mm
- iv. Min. Ground Clearance- 300mm

## B. Loading Parameters:

- i. Bucket Capacity- 1.0m<sup>3</sup>
- ii. Max. Breakout Force- 47KN
- iii. Rated Load- 2500KG
- iv. Max. Dumping Height- 2807mm
- v. Max. Dumping Distance- 900mm

## C. Digging Parameters:

- i. Backhoe Capacity- 0.3 m<sup>3</sup>
- ii. Max. Digging Depth- 4085mm
- iii. Rotary Angle Of Excavator- 180°
- v. Max. Pulling Force- 60KN

## D. Engine:

- i. Engine Model- Yuchai / Cummins
- ii. Cylinders-Inside Diameter- 4-108\*132
- iii. Rated Power- 75KW
- iv. Rated Speed- 2200r/min
- v. Min. Fuel Consumption- 230g/kw.h
- vi. Max.Torque- 400 NM
- vii. Displacement- 4.8L

## E. Steering System:

- i. Steering Angle- ±36°
- ii. Min. Turning Radius- 6581mm
- iii. Pressure Of The System- 12Mpa

**BL124D**



# Parameters

## F. Axle:

- i. Main Transmission Type-  
Arc Bevel Gear First Reduction
- ii. Final Reducer-  
Single Row Planetary Reduction

## G. Gearbox:

- i. Max.Speed- 28Km/h
- ii. Gear Shift- F2/R2

## H. Tire:

- i. Tire Size- 14-17.5/19.5L-24
- ii. Front Wheel Pressure- 0.4 Mpa
- iii. Rear Wheel Pressure- 0.35 Mpa

## I. Hydraulic System:

- i. Loading Hydraulic System- 19Mpa
- ii. Digging Hydraulic System- 19Mpa
- iii. Steering Hydraulic System- 14Mpa

**BL124D**

