

# Heavy-Duty Dump Truck

This dump truck is a robust vehicle designed for heavy-duty material transport. Its sturdy chassis and powerful engine ensure reliable performance in demanding environments.

Item	Specifications	Remarks
Cabin	Type 1045, long-headed, single seat-row	
Engine	YN4100QB, YN4102QB, YC4105, YC4108 optional	140 clutch housing, with AC bracket
Gearbox	140+130 gearbox	(5+1)×4
Air conditioner	Optional	
Frame	Riveted with 2 layers of steel plate, with height of 230mm	Thickness: 3-5mm, material 09SiVL
Axle	Loading: 4T, TT, 9T, air brake	
Hydraulic cylinder	Two cylinders (110-400), single cylinder (160-600, 0180-600 optional)	Two cylinder or single articulant cylinder optional
Steering gear	3401AC-010, power steering	
Clutch	Type 140, air power assisted	
Brake	Air brake, with dryer	
Parking brake	Exhaust brake	
Leaf spring	Type 140 improved	
Battery	12V, 80Ah, two	
Loading space	3600mm×2200mm×7mm	To be extended as per requirements

## ADDITIONAL IMAGES

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## Overview

### Robust Heavy-Duty Performance

The QJ5820PD dump truck is a versatile vehicle engineered for demanding environments such as mining, construction, and agriculture. It features a sturdy chassis and a high-torque diesel engine, ensuring reliable power and performance under load. With a spacious, customizable cargo bed and a reinforced suspension system, this truck provides a durable and cost-effective solution for heavy-duty material transport.

## Engine & Drivetrain

Engine Options	YN4100QB, YN4102QB, YC4105, YC4108
Gearbox Model	140+130
Clutch Type	Type 140, air power assisted

## Chassis & Frame

### Frame Dimensions

**230 mm**  
Frame Height

**13 mm**  
Total Thickness

Frame Construction	Riveted, 2 layers of steel plate, 09SiVL material
Leaf Spring	Type 140 improved

## Cargo & Hydraulics

### Hydraulic Cylinder Configuration

- Two cylinders (Æ110x400)
- Single cylinder (Æ160x600)
- Single cylinder (Æ180x600 optional)
- Arm crank cylinder optional

### Cargo Bed Dimensions

3600mm x 2200mm x 7mm (extendable)

## Cabin & Electrical

### Cabin Type

Type 1043, long-headed, single seat-row

### Battery System

12V, 80Ah (two-battery system)

### Air Conditioning

Yes

## Performance Metrics

### Axle Loading Capacities

5T • 7T • 9T

### Braking System

- Air brake with dryer
- Exhaust brake (parking)