

## 4 Axle 40CBM Hydraulic Dump Trailer

The Hydraulic Dump Trailer is a specialized transportation vehicle used in industries such as construction, mining, and road building. Its primary function is to transport materials or goods, such as sand, gravel, and earth, to the designated site and then unload them automatically through a dumping mechanism at the rear of the truck. This vehicle significantly enhances the efficiency of transport operations with its fast and convenient unloading process, playing an irreplaceable role, especially in large scale projects and heavy material transportation.

The core component of a hydraulic dump trailer is the hydraulic system, which allows the trailer bed to tilt at an angle of approximately 45 degrees, dumping the cargo directly from the rear of the trailer. This design eliminates the need for manual intervention in the unloading process, significantly improving work efficiency. The trailer bed is typically made of high strength steel or other durable materials, capable of withstanding the impact and wear from heavy materials, ensuring the vehicle's longevity in harsh conditions.

To meet the demands of transporting large volumes of materials, hydraulic dump trailers are usually equipped with powerful engines and high load capacity chassis, enabling smooth operation in complex worksite environments and over rough terrain. Depending on different usage scenarios and cargo requirements, hydraulic dump trailers come in various sizes and configurations. Small dump trailers are suitable for urban construction sites, while large dump trailers are widely used in mining operations and large infrastructure projects.

The hydraulic dump trailers are widely used across various industries due to their excellent loading and unloading capabilities:

**Construction Projects:** On construction sites, rear dump trucks are commonly used to transport earth, gravel, and other building materials. Their automatic dumping function allows for quick emptying of the truck bed, reducing labor input and improving work efficiency.

**Mining Transport:** In mining operations, rear dump trucks are mainly used to haul heavy materials such as ores and coal. Given the complex and changing conditions of mining environments, the high ground clearance and strong load capacity of rear dump trucks make them the preferred tool for mining transport.

**Road Construction:** Road construction often requires the transport of large quantities of materials like asphalt and gravel. Rear dump trucks can quickly transport these materials and dump them directly at designated locations, enabling construction crews to start paving work efficiently.

**Waste Removal:** Some municipal departments use small rear dump trucks to clear construction debris or other large waste items. Their automatic unloading feature greatly enhances the efficiency of waste removal operations.

With the continued growth of infrastructure construction and mining operations, the market demand for rear dump trucks remains strong. DongXu Vehicle, as a leading manufacturer of semi trailer, can provide every kinds of hydraulic dump trailer as your requirements.

**Trailer Name:** 4 Axle 40CBM Hydraulic Dump Trailer

**Trailer Type:** Semi Trailer

**Total Volume:** 40 CBM

**Size:** 9900mm\*2500mm\*3700mm

**Axle:** 4 Axle Fuwa Brand

**Suspension:** Mechanical Suspension / Air Suspension

**Landing Gear:** JOST

**King Pin:** 2"(50mm) or 3.5"(90mm)

**Tire:** 16 units 12r22.5

**Function:** Bulk Material Transport

**All the parts can be customized as your requirements.**