

DONGFENG

DIESEL DUMP TRUCK



DONGFENG

Model: VCCK-024

**BUILT TO PERFORM.
DESIGNED TO DELIVER.**

Engineered for the toughest jobs, the Dongfeng VCCK-024 delivers power, durability, and reliability to keep your business moving forward—day in and day out.



POWERFUL PERFORMANCE

Reliable Dongfeng diesel engine built for tough jobs and long working hours.



BUILT TOUGH

Robust chassis and high-strength cargo body engineered for durability and heavy-duty operations.



HIGH PAYLOAD CAPACITY

Spacious dump body for efficient hauling and maximum productivity.



RELIABLE & EFFICIENT

Designed for performance, fuel efficiency, and cost-effective operation.



ENGINE MODEL

DONGFENG
DDi90 400



MAX POWER

294 Kw



TRANSMISSION

12-speed Manual
Transmission



GVW

55,000 kg



DUMP BOX CAPACITY

20m³



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SPECIFICATIONS

ENGINE

Engine Model	DONGFENG DDi90 400
Type	4-Stroke, 6-Cylinder In-line, Turbocharged Intercooler
Displacement	8,707 cc
Max Power	294 kW (400 HP) / 2,100 rpm
Max Torque	1,600 N·m / 1,100 – 1,500 rpm
Fuel System	Common Rail Direct Injection
Emission Standard	EURO 5

TRANSMISSION

Type	12-speed Manual Transmission
Gear Pattern	12 Forward, 2 Reverse
Control Type	Mechanical

CLUTCH

Type	Single Plate Dry Friction Type
Control	Hydraulic with Air Assistance
Diameter	430 mm

FRONT AXLE

Type	Reverse Elliot, I-Beam
Capacity	7,500 kg

REAR AXLE

Type	Single Reduction, Hypoid
Capacity	2 x 13,750 kg

STEERING SYSTEM

Type	Power Steering
Steering Gear	Recirculating Ball Type
Min. Turning Radius	10.5 m

BRAKE SYSTEM

Service Brake	Dual Circuit Full Air Brake
Parking Brake	Spring Energy, Air Release on Rear Wheels
Auxiliary Brake	Engine Exhaust Brake

SUSPENSION

Front Suspension	Multi-leaf Spring with Shock Absorber
Rear Suspension	Multi-leaf Spring

ELECTRICAL SYSTEM

System Voltage	24V DC
Battery	2 x 12V / 120Ah
Alternator	28V / 70A
Starter	24V / 5.5kW

DUMP BODY

Type	Square-type, Front-lifting
Material	High Tensile Steel
Dump Box Capacity	20m ³
Hoist Type	Telescopic Hydraulic Cylinder
Lifting Time	≤ 20 seconds
Lowering Time	≤ 25 seconds

DIMENSIONS & WEIGHT

Overall Length	8,650 mm
Overall Width	2,500 mm
Overall Height	3,450 mm
Wheelbase	4,350 + 1,350 mm
Front Overhang	1,510 mm
Rear Overhang	1,430 mm
Track (Front / Rear)	2,040 / 1,860 mm
GVW	55,000 kg
Curb Weight	15,000 kg
Payload Capacity	40,000 kg (approx.)

