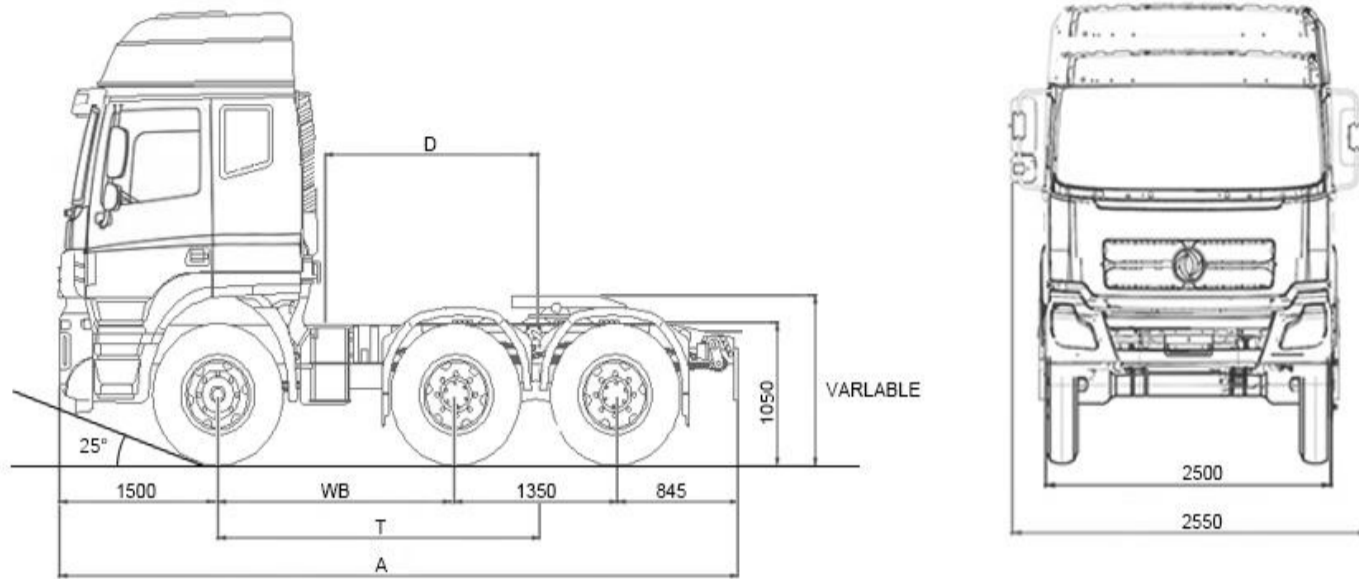


**H64GV41E3D9.5**



**Important indicator**

- ▶ **Environment** Paved roads and expressways
- ▶ **Chassis** 6x4 tractor truck chassis
- ▶ **Haul Capacity** 40000 - 80000 kg



L Series

More comfortable advanced heavy duty cab.  
 Dongfeng is developing with Volvo.  
 The safest heavy-duty cab in China.  
 The cage structure is safer.  
 It has better ergonomics and driving comfort.  
 Includes single sleeper cab and double sleeper cab

**Plated Weights [kg]**

The total plate mass is 41,000 kg. The total design mass is 49,400kg.

| CAPACITY                 | Plated | Design |
|--------------------------|--------|--------|
| Gross Vehicle Weight     | 41000  | 49400  |
| Gross Combination Weight | 47000  | 70000  |
| Front Axle               | 9000   | 11000  |
| Support Axle             | -      | -      |
| Rear Axle                | 32000  | 38400  |

## H64GV41E3D9.5

**Engine**

Cummins 9.5L mechanical pump engine. (without high pressure common rail system)

| EURO III / 8.9 LITRE | Brand   | Max power            | Max torque            |
|----------------------|---------|----------------------|-----------------------|
| LK375-33 (275kW)     | Cummins | 375 hp at 2200 r/min | 1600 Nm at 1400 r/min |

**Gearbox**

Synchronizers are standard on all transmissions.

| 10 SPEED  | Top gear      | Max input torque (Nm) | Rated rotate speed (r/min) |
|-----------|---------------|-----------------------|----------------------------|
| 10JSD160T | Direct \ Over | 1600                  | 2600                       |
| 12 SPEED  | Top gear      | Max input torque (Nm) | Rated rotate speed (r/min) |
| 12JSD160T | Direct \ Over | 1600                  | 2600                       |
| 12JSD180T | Direct \ Over | 1800                  | 2600                       |

**Axle**

Front single steering axle, rear tandem drive axle.

| TYPE                | Model      | Design Capacity (kg) | Torque (Nm) |
|---------------------|------------|----------------------|-------------|
| Front Steering Axle | SF-9000    | 11000                | -           |
| Rear Drive Axle     | DRTH-16000 | 38400                | 100000      |

**Tire**

Optional ordinary tires with various patterns. Including nylon tyres, radial tyres and tubeless tyres.

| Model      | No.  | Tire load (kg) | Level   |
|------------|------|----------------|---|
| 12.00R20   | 10+1 | 4250           | General pavement road , Gravel road , potholes road |
| 12.00R22.5 | 10+1 | 3550           | General pavement road , Highway road                |

**CORE COMPONENTS****Cab**

- ▶ L-STA One bed cab - with steel safety cage design.  
Designed and built to Swedish impact and ECE R29 regulations.  
One bed resting & sleeping package - bed width 650 mm  
High Power Audio system: RDS radio - also playing MP3/WMA files, with USB/Line inputs. FM/AM antenna, speakers in dashboard,
- ▷ L-COM One bed cab - with steel safety cage design.  
Designed and built to Swedish impact and ECE R29 regulations.  
Single travel package - bed width 850 mm  
High Power Audio system: RDS radio - also playing MP3/WMA files, with USB/Line inputs. FM/AM antenna, speakers in dashboard,
- ▷ L-REG Double bed cab - with steel safety cage design.  
Designed and built to Swedish impact and ECE R29 regulations.  
Double bed resting & sleeping package - bed width 850 mm (lower berth) +740 mm (upper berth)  
High Power Audio system: RDS radio - also playing MP3/WMA files, with USB/Line inputs. FM/AM antenna, speakers in dashboard,
- ▷ L-TRA Double bed cab - with steel safety cage design.  
Designed and built to Swedish impact and ECE R29 regulations.  
Double travel package - bed width 850 mm x 2 (option bed width 1000 mm)  
High Power Audio system: RDS radio - also playing MP3/WMA files, with USB/Line inputs. FM/AM antenna, speakers in dashboard,
- ▷ LHD Left hand drive.
- ▷ RHD Right hand drive.
- ▶ POWW Power window
- ▷ CENTLOCK Central locking
- ▷ ELECCT Electric cab turnover

**Engine**

- ▶ LK375-33 Cummins LK375-33 9.5 litre engine developing 375hp at 2200rpm. Peak torque 1600Nm at 1400rpm.
- ▶ EBR Engine Brake Type - Exhaust brake controlled by steering column switch

**H64GV41E3D9.5**
**Gearbox**

- ▷ 10JSD160T Fast (Eaton Technology) 10-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1600Nm, maximum horsepower not exceeding 350hp, Frist speed ratio : 14.96. Top speed ratio : 1.
- ▷ 10JSD160TA Fast (Eaton Technology) 10-speed over manual mechanical gearbox suitable for engines, maximum torque not exceeding 1600Nm, maximum horsepower not exceeding 350hp, Frist speed ratio : 11.03. Top speed ratio : 0.74.
- ▷ 12JSD160T Fast (Eaton Technology) 12-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1600Nm, maximum horsepower not exceeding 350hp, Frist speed ratio : 15.53. Top speed ratio : 1.
- ▷ 12JSD160TA Fast (Eaton Technology) 12-speed over manual mechanical gearbox suitable for engines, maximum torque not exceeding 1600Nm, maximum horsepower not exceeding 350hp, Frist speed ratio : 12.1. Top speed ratio : 0.78.
- ▷ 12JSD180T Fast (Eaton Technology) 12-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1800Nm, maximum horsepower not exceeding 390hp, Frist speed ratio : 15.53. Top speed ratio : 1.
- ▷ 12JSD180TA Fast (Eaton Technology) 12-speed over manual mechanical gearbox suitable for engines, maximum torque not exceeding 1800Nm, maximum horsepower not exceeding 390hp, Frist speed ratio : 12.1. Top speed ratio : 0.78.
- ▷ PTO-F Full power extractor
- ▷ PTO-P Partial power extractor
- ▷ GEAR-ALU Aluminium alloy gearbox

**Axle**

- ▶ SF-9000 Front steer axles design capacity 11 tonnes - 11 tonne Front steer axles.
- ▶ DRTH-16000 Rear drive hub reduction axles design capacity 38.4 tonnes - 2 x 19.2 tonne rear drive hub reduction axles. - design GCW 120tonne.

**Suspension**

- ▶ FS-PAR9 Front 9 leaf springs suspension, 90mm wide springs
- ▶ RDS 12 Rear 12 leaf springs suspension, 90mm wide springs
- ▶ RDS 13 Rear 13 leaf springs suspension, 90mm wide springs
- ▶ FS-AIR Front air suspension
- ▶ RDS-AIR Rear air suspension

**Tire**

- ▶ 12.00R20 10+1 wheels.  
Three broken-line pattern grooves have good road adaptability;  
Variable pitch pattern design greatly reduces driving noise;  
The shoulder opening pattern design can effectively reduce the temperature of the shoulder;  
Applicable to: mixed roads such as national highways, urban and rural areas, and construction sites.
- ▶ 12.00R22.5 10+1 wheels.  
Using the latest pattern and tread formula design, whether driving on wet ground or uneven roads, it can provide excellent grip and make the vehicle driving and braking more balanced;  
Adopt a brand-new high wear-resistant tread formula and a widened driving surface design to improve wear resistance;  
The performance is improved and the lightweight design is carried out, which reduces the weight of the tires and saves fuel consumption;  
Suitable for: expressways, national highways and other good roads.
- ▶ RIM-STE Steel rim
- ▶ RIM-AL Aluminium rim

**Fuel Tank**

- ▶ FT350S Steel fuel tank, 350 litres volume. . Min volume 125l, Max volume 400l
- ▷ FT400S Steel fuel tank, 400 litres volume. . Min volume 125l, Max volume 400l
- ▷ FT400A Alu. 400 litres volume. Min volume 200l, Max volume 1000l
- ▷ FT600A Alu. 600 litres volume. Min volume 200l, Max volume 1000l
- ▷ FT750A Alu. 750 litres volume. Min volume 200l, Max volume 1000l
- ▷ FT1000A Alu. 1000 litres volume. Min volume 200l, Max volume 1000l

**Battery**

- ▶ 2BAT160 Battery Capacity - 2 x 160 Ah
- ▷ 2BAT180 Battery Capacity - 2 x 180 Ah

**Air tanks**

- ▶ ATANK-ST Air tanks - Steel
- ▷ ATANK-AL Air tanks - Aluminium

**Exhaust**

- ▷ ESH-REAR Exhaust - Horizontal silencer - rear outlet
- ▷ ESH-LEFT Exhaust - Horizontal silencer - left outlet
- ▶ ESH-RIGH Exhaust - Horizontal silencer - right outlet
- ▷ ESH-VERT Exhaust - Horizontal silencer - vertical outlet

## H64GV41E3D9.5

**Tools**

- ▶ TOOLS Including basic tools \ 10 tons jack \ Placard.
- ▷ WIHCH-ELEC Electric winch 3-10 tons.
- ▷ WIHCH-HYD Hydraulic winch 10-20 tons.
- ▷ TGW-4GWL Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN

**Dimensions (mm)**

| WHEELBASE | Overall Length |
|-----------|----------------|
| 3300+1350 | 6995           |
| 3400+1350 | 7095           |

**BASIC**

- ▶ RC-ROUGH Road conditions - On / off-road
- ▷ RC-VROUG Road conditions - Very rough
- ▷ GARB-PRE Transport Adaption - Refuse preparation
- ▷ TIPP-PRE Transport Adaption - Tipper vehicle preparation
- ▷ CONC-PRE Transport Adaption - Concrete mixer vehicle preparation
- ▷ CRAN-PRE Transport Adaption - Truck mounted crane preparation
- ▷ UNIFORM Transport Adaption - Basic platform vehicle
- ▶ TRAC-PRE Transport Adaption - Tractor truck

**ABILITY**

Road surface is concrete pavement road,

When the GCW of the vehicle is 90 tons,( The tractive tonnage is 80 tons. )

The maximum gradeability of the vehicle is 25.59%, and the angle is about 14.35°.

When the gradeability of the vehicle is 15%, the angle is about 8.53°, and the maximum speed at this time is 9km/h.

The top speed of the vehicle is 67km/h, and the economic speed is 40km/h.

**Note:**

The gradeability is calculated in terms of the maximum gradeability that can be achieved in each gearbox gear position of less than 60%.  
A value of more than 60% means that higher gears can be selected for slope climbing.

# YUNLIHONG