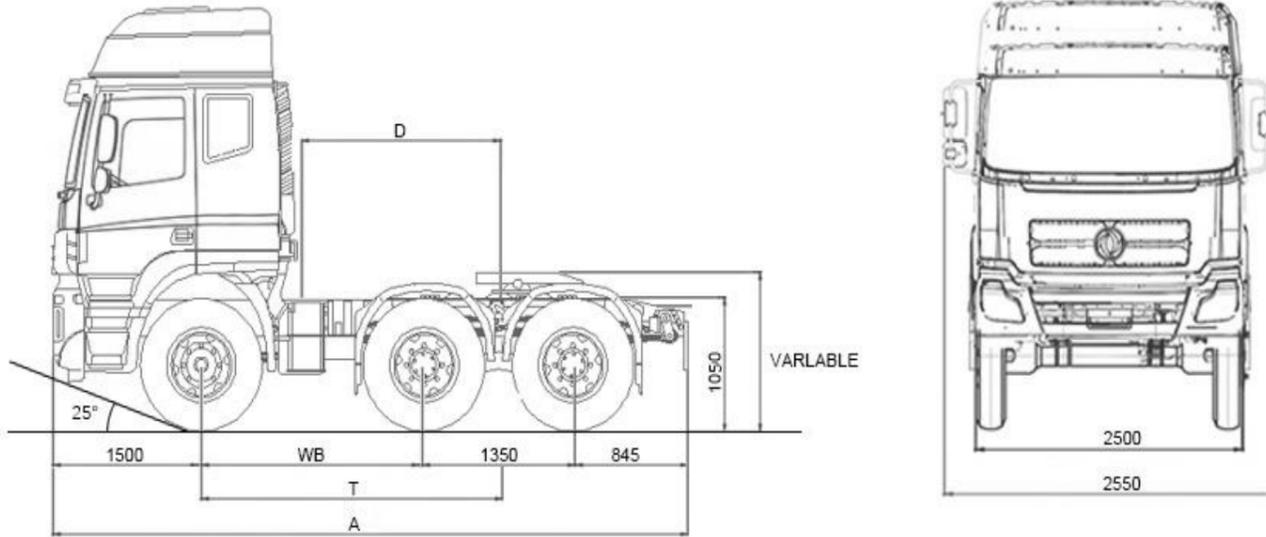


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Important indicator

- ▶ **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

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Engine

Cummins 8.9L mechanical pump engine. (without high pressure common rail system)

EURO III / 8.9 LITRE	Brand	Max power	Max torque
L315-30 (231kW)	Cummins	315 hp at 2200 r/min	1180 Nm at 1300 r/min
L340-30 (250kW)	Cummins	340 hp at 2200 r/min	1350 Nm at 1400 r/min
L375-30 (275kW)	Cummins	385 hp at 2200 r/min	1480 Nm at 1400 r/min

Gearbox

Synchronizers are standard on all transmissions.

9 SPEED	Top gear	Max input torque (Nm)	Rated rotate speed (r/min)
9JS119T	Direct \ Over	1190	2600
9JS150T	Direct \ Over	1500	2600
10 SPEED	Top gear	Max input torque (Nm)	Rated rotate speed (r/min)
10JSD120T	Direct \ Over	1200	2600
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

- ▶ L315-30 Cummins L315-30 8.9 litre engine developing 315hp at 2200rpm. Peak torque 1180Nm at 1300rpm.
- ▷ L340-30 Cummins L340-30 8.9 litre engine developing 340hp at 2200rpm. Peak torque 1350Nm at 1400rpm.
- ▷ L375-30 Cummins L375-30 8.9 litre engine developing 375hp at 2200rpm. Peak torque 1480Nm at 1400rpm.
- ▶ EBR Engine Brake Type - Exhaust brake controlled by steering column switch

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Gearbox

- ▶ 9JS119T Fast (Eaton Technology) 9-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1190Nm, maximum horsepower not exceeding 315hp, Frist speed ratio : 12.11. Top speed ratio : 1.
- ▷ 9JS119TA Fast (Eaton Technology) 9-speed over manual mechanical gearbox suitable for engines, maximum torque not exceeding 1190Nm, maximum horsepower not exceeding 315hp, Frist speed ratio : 11.02. Top speed ratio : 0.73.
- ▷ 9JS150T Fast (Eaton Technology) 9-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1500Nm, maximum horsepower not exceeding 375hp, Frist speed ratio : 12.65. Top speed ratio : 1.
- ▷ 9JS150TA Fast (Eaton Technology) 9-speed over manual mechanical gearbox suitable for engines, maximum torque not exceeding 1500Nm, maximum horsepower not exceeding 375hp, Frist speed ratio : 12.57. Top speed ratio : 0.73.
- ▷ 10JSD120T Fast (Eaton Technology) 10-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1200Nm, maximum horsepower not exceeding 315hp, Frist speed ratio : 14.96. Top speed ratio : 1.
- ▷ 10JSD120TA Fast (Eaton Technology) 10-speed direct manual mechanical gearbox suitable for engines, maximum torque not exceeding 1200Nm, maximum horsepower not exceeding 315hp, Frist speed ratio : 12.74. Top speed ratio : 0.73.
- ▷ 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

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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

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 23.56%, and the angle is about 13.26°.
 When the gradeability of the vehicle is 15%, the angle is about 8.53°, and the maximum speed at this time is 8km/h.
 The top speed of the vehicle is 67km/h, and the economic speed is 47km/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