



DONGFENG
Trucks

DONG FENG

VL 450 GCW:80,000kg



All Pictures shown are for illustration purpose only.

2080

Max. Torque (N.m)

450

Max. Output (HP)

Euro V

Emission Standard



DONGFENG



TECHNICAL SPECIFICATION

CHASSIS

Model	: VL 450 (DFH4180A)
Overall Dimension (LxWxH mm)	: 6,080 x 2,500 x 3,744
Wheelbase	: 3,500 mm
Front / Rear Overhang	: 1,500 mm / 1,080 mm
Min. Ground Clearance	: 241 mm
Min. Turning Radius	: 12 m (kerb to kerb)
Max. Gradeability	: 39%
Vehicle Curb Weight	: 7,000 kg
Gross Vehicle Weight (G.V.W)	: 24,000 kg
Gross Combine Weight (G.C.W)	: 80,000 kg

ENGINE

Model	: DongFeng dCi450-51
Type	: Diesel, EURO 5, 6-Cylinder, Water Cooled Turbocharged, High Pressure Common rail.
Piston Displacement	: 11,120 cc
Max. Output	: 323W (450Hp) @ 1,800 rpm
Max. Torque	: 2,080N.m @ 1,000~1,500 rpm
Bore x Stroke	: 123 mm x 156 mm

TRANSMISSION

Model	: FAST – 12JSDX220TA-B
Type	: 12-Speed Forward & 2-Speed Reverse. Aluminium Gearbox.

Operation Type : Manual

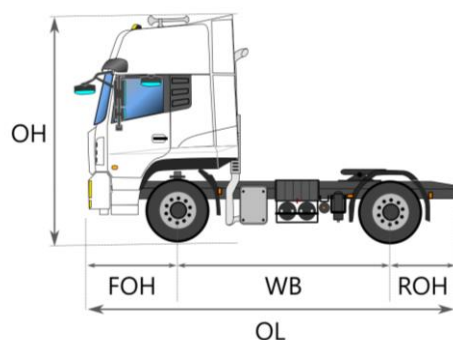
Gear Ratio *Forward Gear

1 st	: 12.10	7 th	: 2.71
2 nd	: 9.52	8 th	: 2.13
3 rd	: 7.31	9 th	: 1.64
4 th	: 5.71	10 th	: 1.28
5 th	: 4.46	11 th	: 1.00
6 th	: 3.48	12 th	: 0.78

*Reverse Gear : 11.56 / 2.59

CLUTCH

Type	: Eaton
Diameter	: 430 mm
Operation Type	: Hydraulic control with Air Booster

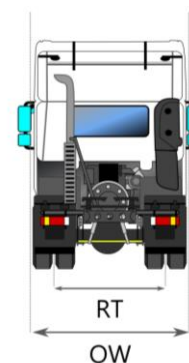


Chassis Dimension (mm)

Overall Length (OL)	6,080	Wheelbase (WB)	3,500
Overall Width (OW)	2,500	Front Over Hang (FOH)	1,500
Overall Height (OH)	3,744	Rear Over Hang (ROH)	1,080



Front Tread (FT)	2,040
Rear Tread (RT)	1,820
Front Frame Width (FFW)	940



Cabin Dimension (mm)

Cabin Width (CW)	2,488
Cabin Height (CH)	2,735
Cabin Deep (CD)	2,500

FRONT AXLE

Type	: Elliot Type "I" Beam Section
Capacity	: 7,000 kg

REAR AXLE

Type	: Single reduction, Tandem axle
Capacity	: 13,000 kg
Final Gear Ratio	: 3.42 / 4.11

SUSPENSION

Front Type	: Multi Leaf Spring with Shock Absorber	Size: 1,730 x 90 x 13mm @ 3pcs
Rear Type	: Multi Leaf Spring	Size: 1,730 x 100 x 15mm @ 4pcs
	Helper Spring	Size: 1,260 x 100 x 13mm @ 3pcs

STEERING

Type	: Recirculated Ball with Integral Power Assistance
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SERVICE BRAKE

Type	: Dual-circuit air brake system.
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AUXILIARY BRAKE

Parking Brake Type	: Manual Parking brake
Exhaust Brake Type	: Engine Brake + Exhaust Brake

TYRE & WHEEL

Tyre Size	: 295/80 R22.5 – 18 Ply (Tubeless)
Wheel Rim Size	: 9.00 x 22.5 – ISO 10 Studs @ Steel Rim
Max. Speed	: 100 km/h

FUEL TANK

Capacity	: 400 Litres @ Aluminium tank with lockable cap
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ELECTRICAL EQUIPMENT

Type	: 24 Volts, Negative Earth
Batteries	: 12V x 2, Series Connection @ 165 Ah
Alternator	: 28 V @ 70 Amps

Disclaimer: The Manufacturer reserves the right to make changes to technical parameters & designs or to discontinue models without prior notice.

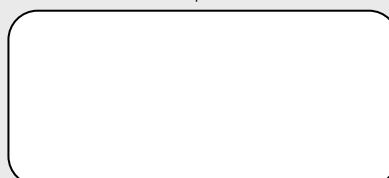
DONGFENG COMMERCIAL VEHICLE (MALAYSIA) SND BHD

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Authorised Dealership



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