



Volvo Trucks. Driving Progress

SPECIFICATIONS

Volvo FL

VOLVO FL - CHASSIS

MODEL COMBINATIONS

Gross Vehicle Weight (tonnes)	Wheels	Chassis height	Engine	Front axle load (tonnes)	Rear axle load (tonnes)
12	17.5"	Low	D5K	4.5	8.5
12	19.5"	Medium	D8K	4.5/5.0	8.5
14	19.5"	Medium	D8K	5.0/5.8	9.5
16	19.5"	Medium	D8K	5.8	10.9
12	22.5"	High	D8K	5.0	9.2
14	22.5"	High	D8K	5.6	9.5/10.6
16	22.5"	High	D8K	6.3	10.9
18	22.5"	X-High	D8K	7.1	11.5

CHASSIS HEIGHT

	Engine	Tyre	Height
Low	D5K	245/70R17.5"	810-830 mm
Med	D8K	265/70R19.5"	860 mm
High	D8K	275/70R22.5"	950 mm
X-High	D8K	295/80R22.5"	960 mm

FRONT SUSPENSION

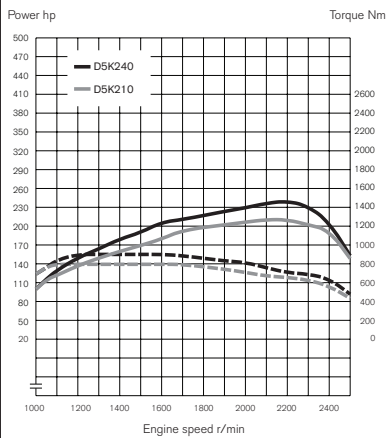
	12 tonnes	12-16 tonnes 19.5"	12-16 tonnes 22.5"	18 tonnes
Leaf suspension, parabolic	•	•		•
Leaf suspension, parabolic reinforced	•	•	•	
Air suspension		•		•

VOLVO FL - DRIVELINE

ENGINE D5K - EURO 6

Power/Torque

Net output according to: EC 582/2011



D5K210 (154 kW)

Max power at 2200 r/min	210 hp
Max torque at 1100–1700 r/min	800 Nm

D5K240 (177 kW)

Max power at 2200 r/min	240 hp
Max torque at 1200–1600 r/min	900 Nm

D5K

No. of cylinders	4
Displacement	5.1 dm ³
Stroke	135 mm
Bore	110 mm
Compression ratio	17.5:1
Economy revs	1100–1800 r/min
Exhaust braking effect (2800 r/min)	80 kW
Oil filters	1
Oil change volume, incl. filter	15 l
Cooling system, total volume	13 l
Oil change interval: Up to 40000 km, or once a year with VDS4.	

FUEL PREREQUISITES

EN 590 (EU norm) max 10 ppm sulphur.

ENGINE-MOUNTED POWER TAKE-OFF

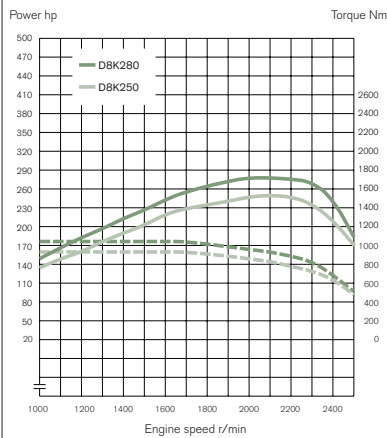
Ratio 1:1	600 Nm*
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* Torque output both when driving and standing still.

ENGINE D8K - EURO 6

Power/Torque

Net output according to: EC 582/2011



D8K250 (184 kW)

Max power at 2100 r/min	250 hp
Max torque at 900–1700 r/min	950 Nm

D8K280 (206 kW)

Max power at 2100 r/min	280 hp
Max torque at 950–1700 r/min	1050 Nm

D8K

No. of cylinders	6
Displacement	7.7 dm ³
Stroke	135 mm
Bore	110 mm
Compression ratio	17.5:1
Economy revs	1000–1700 r/min
Exhaust braking effect (2800 r/min)	120 kW
Engine brake effect (2800 r/min)	170 kW
Oil filters	1
Oil change volume, incl. filter	20 l
Cooling system, total volume	17 l
Oil change interval: Up to 80000 km or once a year (Long haul)/60000 km or once a year (Distribution) using VDS4.	

FUEL PREREQUISITES

EN 590 (EU norm) max 10 ppm sulphur.

ENGINE-MOUNTED POWER TAKE-OFF

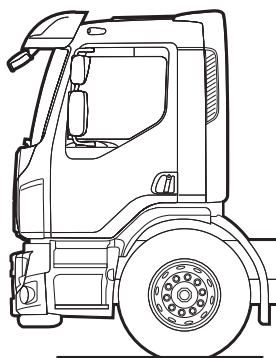
Ratio 1:1	600 Nm*
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* Torque output both when driving and standing still.

VOLVO FL - CAB

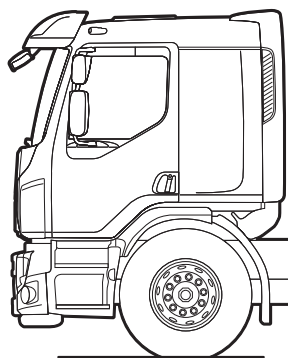
DAY CAB

Day cab with comfortable and ergonomic driver area. Interior height 1605 mm, length 1600 mm, width 2100 mm.



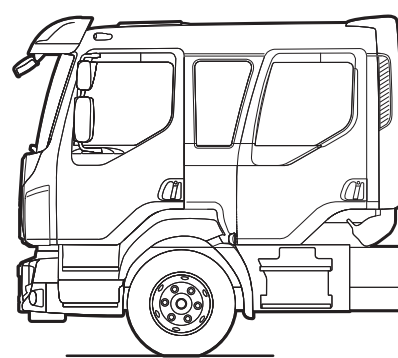
COMFORT CAB

Comfort cab offers extra space that can be equipped with a bed for one person or be used as office space with extra storage compartments. Interior height 1605 mm, length 2000 mm, width 2100 mm.



CREW CAB

Crew cab with ample space for several additional passengers up to 7 persons. Interior height 1605 mm, length 2980 mm, width 2100 mm.



CAB SUSPENSION

The front suspension of the cab is rubber cushion for minor vertical movement while the rear suspension is coil spring and shock absorber.

DRIVER'S SEAT

Three different levels of comfort: Comfort, Standard and Economy. All three feature backrest, length, height and front tilt adjustment and integrated headrests.

PASSENGER SEAT

Three different levels of comfort: Standard, Economy and Basic.

COLOURS

Available in 232 fixed variants. On top of that additional colours can be ordered.

VOLVO FL - EQUIPMENT PACKAGES

DISTRIBUTION

Distribution makes local distribution easier with features such as power windows and cruise control.

DISTRIBUTION+

Distribution+ is even more comfortable and secure, adding climate control, remote central lock, roof hatch, exterior sun visor, power mirrors and illuminated foot steps.

VOCATIONAL

Intended for service and emergency rescue vehicles, with features such as climate control, rubber mats and power mirrors.

AUDIO

Packages for any conceivable audio and musical preferences.