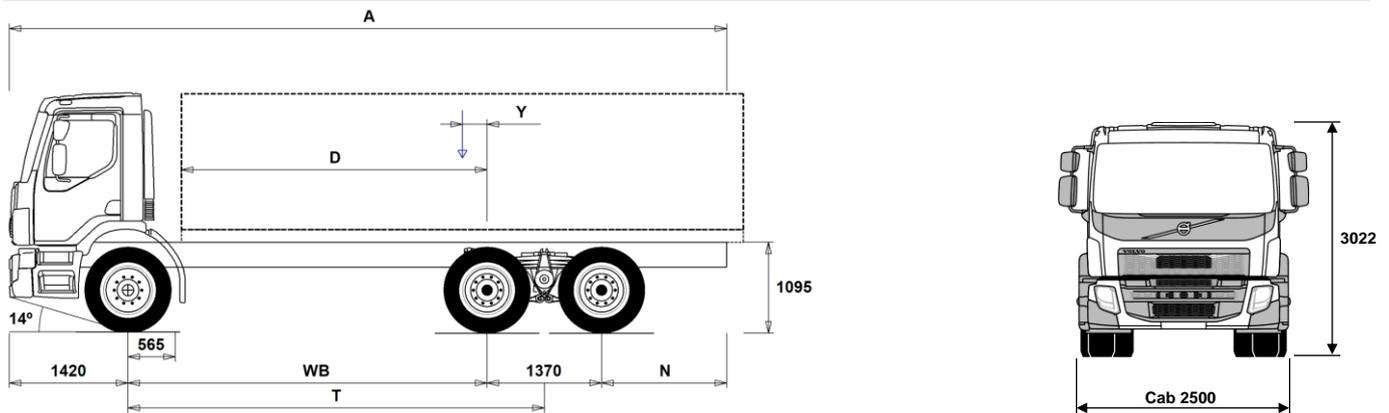


MODEL RANGE



Volvo Trucks. Driving Progress

FE826 6x4 Rigid 26 tonne - B ride FE 64 R B



Chassis Dimensions [mm]

| WB Wheelbase | 3845 | 4195 | 4495 | 4995 | 5495 |
|----------------------------------------|------|------|------|-------|-------|
| A Overall Chassis Length | 8710 | 9710 | 9360 | 10160 | 11010 |
| D Center of rear axle to front of body | 3206 | 3556 | 3856 | 4356 | 4856 |
| N Rear Overhang (Min.) | 830 | 1240 | 830 | 830 | 830 |
| N Rear Overhang (Max.) | 2075 | 2725 | 2075 | 2375 | 2725 |
| T Theoretical Wheelbase | 4530 | 4880 | 5180 | 5680 | 6180 |
| Y Center of Gravity for Payload (Min.) | 57 | 117 | 153 | 232 | 307 |
| Y Center of Gravity for Payload (Max.) | 81 | 143 | 182 | 263 | 341 |

Chassis Weights [kg]

| | | | | | |
|----------------------------------------------|-------|-------|-------|-------|-------|
| Front Axle | 3980 | 3985 | 4030 | 4050 | 4085 |
| Rear Bogie | 3540 | 3635 | 3585 | 3640 | 3720 |
| Kerb Weight | 7520 | 7620 | 7615 | 7690 | 7805 |
| Payload (including body, driver, fuel, etc.) | 18480 | 18380 | 18385 | 18310 | 18195 |

Turning Diameter [mm]

| | | | | | |
|--------------------------------------|-------|-------|-------|-------|-------|
| Turning Circle Diameter Kerb to Kerb | 16000 | 17100 | 18000 | 19500 | 21100 |
| Turning Circle Diameter Wall to Wall | 17400 | 18500 | 19400 | 21000 | 22500 |

Plated Weights [kg]

| | Plated | Design |
|--------------------------|--------|--------|
| Gross Vehicle Weight | 26000 | 26000 |
| Gross Combination Weight | 30000 | 30000 |
| Front Axle | 7100 | 8000 |
| Rear Bogie | 19000 | 21000 |

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: +375 mm for CAB-SLP, +204 mm for CAB-SSLP.
D-measure includes a front clearance of 74 mm and for rigid trucks also a subframe of 120 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
All dimensions are for unladen chassis and any tag axles down.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 295/80R22.5
Drive Axle Tyres: 295/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FE64RB.

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TRUCK USE

- **RC-ROUGH** Operating class on/off road
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

CORE COMPONENTS

- **CHH-HIGH** Chassis height high - N3 "On Road" chassis - For a specific loading height always check the unique BEP chassis drawing
- **RADD-BR** B-ride rear three spring bogie suspension
- **EU6SCR** Emission level - Euro 6
- **D8K280** D8K280 six cylinder 7.7 litre engine developing 280hp at 2100rpm.
Peak torque 1050Nm at 950-1700rpm.
- **D8K320** D8K320 six cylinder 7.7 litre engine developing 320hp at 2100rpm.
Peak torque 1200Nm at 1050-1600rpm.
- **D8K350** D8K350 six cylinder 7.7 litre engine developing 350hp at 2100rpm.
Peak torque 1400Nm at 1200-1600rpm.
- **EBR-CEB** Exhaust brake producing 170kW at 2800rpm controlled by steering column switch
- **EBR-EPG** Exhaust brake producing 120kW at 2800rpm controlled by steering column switch
- **AL306** Allison AL306 6-speed automatic gearbox (If a PTO is required it must specified from the factory)
- **AT2412F** AT2412F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 44tonne only refer to sales engineering when used in conjunction with a PTO
- **ZTO1109** 9-speed range change overdrive gearbox
- **RTS2370A** RTS2370A single reduction 23tonne tandem drive axles with differential and cross locks

Packages

- **DRIVEFE** NEW drive package FE
- **VISIFE** NEW visibility package FE
- **AIRFLOW** NEW airflow package
- **FUELFE** NEW Fuel package FE
- **AUDIOBAS** AM/FM Radio with Bluetooth and optional DAB signal - without CD player
- **AUDIODAB**
- **AUDIOPK** Audio preparation

CHASSIS

- **FST-PAR** Parabolic front springs
- **FAL7.1** Front axle design capacity 7.1 tonnes
- **FAL7.5** Front axle design capacity 7.5 tonnes
- **FAL8.0** Front axle design capacity 8.0 tonnes - Ensure that you have checked the tyre load index
- **FAL9.0** Front axle design capacity 9.0 tonnes - Ensure that you have checked the tyre load index
- **RAL21** Rear bogie design capacity 21 tonnes
- **RSTAB1** Rear anti-roll bar
- **EBS-MED** EBS+ package including traction control & hill hold
- **EBS-STD** EBS standard package without traction control
- **RST-PAR1** Parabolic rear springs
- **ABS** Anti lock brakes
- **FRAME300** Frame rail section external height 300 mm
- **FST8080** Frame thickness 8mm
- **FIL-FBEB** Inner liner over rear bogie
- **FIL-FBEF** Inner liner from front of bogie to end of frame
- **FIL-TXEB** Inner liner from gearbox member to end of bogie
- **FIL-TXEF** Inner liner from gearbox member to end of frame

- Standard Equipment
- Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

- **2BATT170** 2 x 170 Ah capacity batteries on left hand side
 - **2BATT225** 2 x 225 Ah capacity batteries on left hand side
 - **ADR2** ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted separately)
 - **R160A56** 160litre right hand aluminium 560 mm D-shaped fuel tank
Min volume 160l
Max volume 630l
 - **UL-FUEL** Without left fuel tank
 - **ADTP-R** AdBlue tank on right hand side
 - **WHC-FIX1** One wheel chock
 - **WHC-FIX2** Two wheel chocks
 - **TB-L33** Toolbox 330 x 330 mm on the left side
 - **TB-L75** Toolbox 754 mm on the left side
 - **TOWMBRH** Towing member, high position, mounted in centre of frame
 - **RFEC-S** Rear frame end, straight cut for platform applications
 - **C-RI4040** Towing coupling, Ringfeder 4040 G-150
 - **C-RI5055** Towing coupling, Ringfeder 5055 G-150
 - **C-RO400G** Towing coupling, Rockinger 400 G-150 for 40mm eyes
 - **C-RO40AG** Towing coupling, Rockinger 400 G-145
 - **C-RO430G** Towing coupling, Rockinger 430 G-150
 - **C-RO43AG** Towing coupling, Rockinger 430 G-145
 - **C-RO50** Rockinger RO 50 50mm for centre axle trailer
 - **TOWR-ONE** Towing hitch attached to rear crossmember
 - **TBC-EC** Palm coupling type air line connectors
 - **TRBR-STA** Stationary trailer brake control
 - **RUP-FIX2** Fixed rear EC approved aluminium underrun
 - **RFEND-B** Three piece rear mudwings
 - **RFEND-T** Mudwings on drive axle for transportation only
 - **RFH-103** Quarter rear wing
 - **RFH-BAS** Basic rear wing height
 - **RFH-HIG** High rear wing height - higher wing tops
 - **RFH-LOW** Lower rear wing height - shallower wing tops
 - **ATANK-AL** Aluminium air tanks
 - **ATANK-ST** Steel air tanks
 - **FRACLOS** With frame closing
- ## WHEELS & TYRES
- **RT-AL** Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
 - **RT-ALDP** Alcoa Dura-Bright aluminium rims with standard holes long stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
 - **RT-ALP** Polished aluminium rims with standard holes (long stud fixing) on all axles
 - **RT-STEEL** Steel rims on all axles
 - **SPWT-F** Spare wheel & tyre with front tyre pattern
 - **SWCP-R** Spare wheel carrier rear mounted below frame.
 - **SWCP-T** Spare wheel supplied temporarily strapped to chassis
 - **SWCP-TP** Spare wheel transport mounted on frame, (spare wheel carrier not included)
- ## DRIVELINE EQUIPMENT
- **TP-BAS** I-shift software - basic
 - **TP-DICON** I-shift software - Distribution and Construction
 - **TP-FUEC** I-shift software - Fuel & economy
 - **APF-ENH** I-shift enhanced PTO functions
 - **APF-ENH2** I-shift enhanced PTO functions on service brake
 - **CS39A-O** Single plate 395mm (16") clutch
 - **CS43B-O** Single plate 430mm (17") clutch
 - **TC-HWO** Automatic gearbox oil cooler - water to oil
 - **TC-MWO** Basic transmission oil cooler - water to oil

MODEL RANGE

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- **AIRIN-HI** High air intake behind cab on left hand side
- **ACL1ST-S** Air filter with secondary filter element
- **24AL110B** 110 amp alternator
- **CCV-C** Closed crankcase ventilation
- **CCV-OX** Open crankcase ventilation with oil separator and a maintenance free gas centrifuge
- **AF-E** Auxiliary fuel filter, electrically heated
- **EST-AID** Engine start preheating element
- **220EBH08** Engine block heater, 220V/0.8kW
- **PTER-100** Rear engine mounted power-take-off with DIN 7476 flange
- **PTER-DIN** Rear engine mounted PTO with DIN5462 (female) splined shaft for a close coupled pump
- **PTER1400** Rear engine mounted power-take-off with SAE 1410 flange
- **PR-HP4T** Live-drive PTO for Allison gearbox output 400Nm for hydraulic pump connection mounted on top of the torque convertor
- **PR-HP4TL** Live-drive low speed PTO for Allison gearbox output 400Nm for hydraulic pump connection mounted on top of the torque convertor
- **PR-HP6TH** Live-drive high speed PTO for Allison gearbox output 600Nm for hydraulic pump connection mounted on top of the torque convertor
- **PR-HP6TL** Live-drive low speed PTO for Allison gearbox output 600Nm for hydraulic pump connection mounted on top of the torque convertor
- **PTR-FH1** Rear PTO Gearbox S81 flange DIN connection
- **PTR-FH2** Rear PTO Gearbox S84 flange DIN connection
- **PTR-FH5** Rear PTO Gearbox S88 flange DIN connection
- **PTR-PH1** Rear PTO Gearbox S81 pump DIN connection
- **PTR-PH2** Rear PTO Gearbox S84 pump DIN connection
- **PTR-PH4** Rear PTO Gearbox S88 pump DIN connection
- **PTR-PK** Electrical and solenoid prep kit for gearbox PTO
- **PTR-ZF2** Rear Power Take Off flange DIN connection
- **PTRD-D1D** PTO for I shift with twin outputs - flange (550 Nm) and pump connection (1000 Nm)
- **PTRA-PH1** Add PTO for 9sp box twin S81 pump conn
- **PTRA-PH2** Add PTO for 9sp box twin S84 pump conn
- **HPG-F101** Gearbox mounted hydraulic pump F1-101, fixed displacement, single flow.
- **HPG-F41** Gearbox mounted hydraulic pump F1-41, fixed displacement, single flow.
- **HPG-F51** Gearbox mounted hydraulic pump F1-51, fixed displacement, single flow.
- **HPG-F61** Gearbox mounted hydraulic pump F1-61, fixed displacement, single flow.
- **HPG-F81** Gearbox mounted hydraulic pump F1-81, fixed displacement, single flow.
- **ETC** Electronic throttle control - dash mounted switch for PTO speed control
- **FLAMEPR** Flame protection in the exhaust system

CAB INTERIOR

- **STWPOS-L** LEFT HAND DRIVE
- **STWPOS-R** RIGHT HAND DRIVE
- **TAS-DIG** Continental VDO 3.0 digital tachograph
- **IMMOBIL** Immobiliser
- **WARNLAMP** Portable warning lamp
- **ALARM-B** Vehicle alarm - cab only
- **WARNVEST** High visibility warning vest - no sleeves
- **AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- **AIDKIT1B**
- **CRUIS-E2** Cruise control for I shift Eco Roll
- **CRUISEC** Cruise control with switches in the steering wheel

CAB EXTERIOR

- **AUXFS** Extra foot step on both sides
- **CF-AFS** Foldable extra front cab foot-step
- **RCABS-A** Rear cab suspension - Air
- **RCABS-M** Rear cab suspension - Mechanical spring
- **AD-ROOF** Fixed cab roof air deflector - not adjustable
- **AD-ROOFA** Adjustable roof deflector with 12 positions
- **AD-SIDES** Cab side air deflector, short extension panels.
- **HL-CLEAN** Head lamp cleaner jet
- **HL-ADJ** Adjustable headlights with switch in the cab
- **DRL-LED** V-shaped day time running lights
- **BEACON-P** Beacon preparation
- **BEACONA2** Two amber beacons directly mounted to cab roof
- **HORN-F1S** Single tone air horn chassis mounted
- **HORN-R2S** Two roof mounted air horns

SUPERSTRUCTURE PREPARATIONS

- **FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- **FBA-BTSF** Lower front body attachments for torsionally semi-flexible body - box or curtainsider
- **RBA-T1** Rear body attachments, plates
- **RBA-T2** Rear body attachments, divided
- **HBA-FSFB** Holes for body attachments - flexible/semi-flexible body
- **TAILPREP** Taillift preparation kit - cab switch and warning in driver display

DELIVERY SERVICES

- **VWTA** Whole Vehicle Type Approved - MANDATORY for standard truck

VOLVO

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