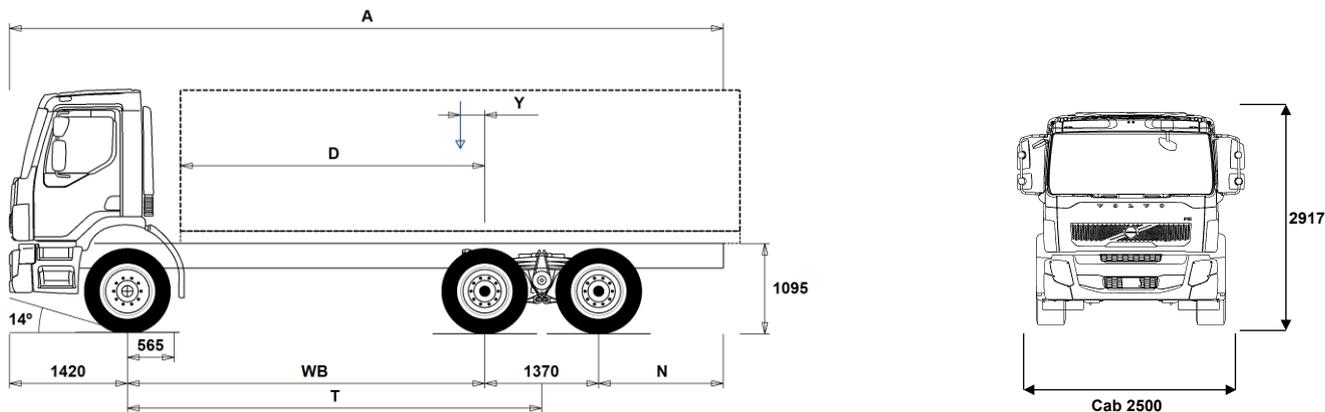


MODEL RANGE

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



Chassis Dimensions [mm]

WB Wheelbase	3495	3845	4195	4495	4995	5495
A Overall Chassis Length	7610	8710	9710	9360	10160	11010
D Center of rear axle to front of body	2856	3206	3556	3856	4356	4856
N Rear Overhang (Min.)	830	830	1240	830	830	830
N Rear Overhang (Max.)	1325	2075	2725	2075	2375	2725
T Theoretical Wheelbase	4180	4530	4880	5180	5680	6180
Y Center of Gravity for Payload (Min.)	-15	46	105	140	216	289
Y Center of Gravity for Payload (Max.)	8	70	131	168	247	324

Chassis Weights [kg]

Front Axle	4045	4040	4045	4090	4115	4150
Rear Bogie	3480	3565	3655	3605	3660	3740
Kerb Weight	7525	7605	7700	7695	7775	7890
Payload (including body, driver, fuel, etc.)	18475	18395	18300	18305	18225	18110

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14900	16000	17100	18000	19500	21100
Turning Circle Diameter Wall to Wall	16300	17400	18500	19400	21000	22500

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	26000	29000
Gross Combination Weight	26750	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.

MODEL RANGE

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TRUCK USE

- TGW-4G** Telematics gateway - GSM/GPRS/4G modem, WLAN
- **RC-ROUGH** On/off-road conditions
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- **UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- **CHH-HIGH** Chassis height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- **RADD-BR** Rear suspension - B-ride rear three spring bogie
- **FE-DAY2** Cab - Day, with steel safety cage design. Designed and built to Swedish impact and ECE R29 regulations
- FE-SLP2** New Sleeper cab - build in or after week 9 2024
- FE-SSLP2** Cab - Comfort with additional storage space or optional fold up bunk behind the driver - with steel safety cage design. Designed and built to Swedish impact and ECE R29 regulations.
- **EU6SCR** Emission level - Euro VI step E
- **D8K280** Engine - D8K280 six-cylinder 7.7 litre developing 280hp at 2100rpm. Peak torque 1050Nm at 950-1700rpm.
- D8K320** Engine - D8K320 six cylinder 7.7 litre developing 320hp at 2100rpm. Peak torque 1200Nm at 1050-1600rpm.
- D8K350** Engine - D8K350 six cylinder 7.7 litre engine developing 350hp at 2100rpm. Peak torque 1400Nm at 1200-1600rpm.
- EBR-CEB** Engine brake type - Compression - producing 170kW at 2800rpm
- **EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- AL306** Gearbox - Allison AL306 6-speed automatic gearbox. If a PTO is required it must be specified from the factory
- AT2412F** Gearbox - I-Shift Automated 12-speed - suitable for gross train weights up to 44tonne
- **RTS2370A** Drive axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks

Packages

- DRIVEFE** Cab Package - Drive
- VISIFE** Visibility package
- AIRFLOW** Airflow Package
- AUDIODAB** Audio System - Digital DAB AM/FM Radio with Bluetooth - without CD player
- **AUDIOPD** Audio - Preparation for DAB radio including amplifier and aerial

CHASSIS

- **FST-PAR** Front suspension - 2 leaf parabolic springs
- FAL7.1** Front axle design capacity - 7.1 tonne
- FAL7.5** Front axle design capacity - 7.5 tonne
- **FAL8.0** Front axle design capacity - 8.0 tonne - check tyre capacity
- **FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- **RAL21** Rear bogie design capacity - 21 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- EBS-MED** Brake package - EBS medium including traction control & hill hold
- **EBS-STD** Brake package - EBS standard package without traction control - Without
- **RST-PAR1** Rear suspension type - Parabolic springs
- **ABS** Anti-lock brakes
- **FRAME300** Chassis frame section external height - 300 mm
- **FST8080** Chassis frame thickness - 8 mm web and flange

■ 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.

- **FIL-FBEB** Chassis frame inner liner - Over the rear bogie
- FIL-FBEF** Chassis frame inner liner - From the front of bogie to the end of the frame
- FIL-TXEB** Chassis frame inner liner - From gearbox member to the end of the bogie
- FIL-TXEF** Chassis frame inner liner - From gearbox member to the end of the frame
- **2BATT170** Battery Capacity - 2 x 170 Ah on the left-hand side
- 2BATT225** Battery Capacity - 2 x 225 Ah on the left-hand side
- ADR2** ADR Adaptation - For transportation of dangerous goods on the 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** Left fuel tank - Without
- **ADTP-R** Adblue tank position - Chassis mounted on the right-hand side
- WHC-FIX1** Wheel chock - One fixed design
- WHC-FIX2** Two wheel chocks
- TB-L33** Toolbox - 58 litre - width 330mm, height 310mm, depth 660mm
- TB-L75** Toolbox - 106 litre - width 755mm, height 430mm, depth 550mm
- TOWMBRH** Tow member - High mounted in centre of frame, D=190 kN - Check the GCW in the "Truck Use" section of this specification
- **RFEC-S** Rear frame profile - Straight cut
- 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-RO430G** Towing coupling, Rockinger 430 G-150
- C-RO50** Rockinger RO 50 50mm for centre axle trailer
- TOWR-ONE** Light trailer coupling - Pintle type hitch attached to rear cross member for an unbraked trailer
- TBC-EC** Trailer brakes with EC palm coupling connectors
- TRBR-STA** Stationary trailer brake control
- RUP-FIX2** Rear underrun protection - Fixed EC approved
- RFEND-B** Three piece rear mudwings
- RFEND-T** Rear mud wings - Temporary on drive axle for transport delivery only
- 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** Air tanks - Aluminium
- **ATANK-ST** Air tanks - Steel
- FRACLOS** Frame end closing

WHEELS & TYRES

- RT-AL** Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
- RT-ALDP** Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
- **RT-STEEL** Wheels - Steel rims
- SPWT-F** Spare wheel & tyre - Spare 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

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- CS39A-O** Clutch - Single plate 395mm (16")
- CS43B-O** Clutch - Single plate 430mm (17")
- TC-HWO** Transmission oil cooler - water to oil
- TC-MWO** Basic transmission oil cooler - water to oil
- **AIRIN-HI** Air intake - Mounted behind cab on the left-hand side
- ACL1ST-S** Air filter - two-stage element
- **24AL110B** Alternator capacity - 110 amp
- CCV-C** Closed crankcase ventilation
- **CCV-OX** Open crankcase ventilation with oil separator and a maintenance free gas centrifuge
- AF-E** Auxiliary fuel system option - Electrically heated fuel filter
- EST-AID** Engine starting aid -Preheating element in the air inlet manifold
- 220EBH08** Engine block heater - 220V/0.8kW
- PTER-100** Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange
- PTER-DIN** Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump
- PTER1400** Engine power-take-off - Rear-mounted 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 - Parker F1-41 gearbox mounted, fixed displacement, single flow
- HPG-F51** Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
- HPG-F61** Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
- HPG-F81** Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
- **ETC** Electronic throttle control - dash mounted switch for PTO speed control

CAB INTERIOR

- STWPOS-L** Steering wheel position - LEFT-HAND DRIVE
- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- **TAS-DIG4** Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
- IMMOBIL** Immobiliser
- WARNLAMP** Portable warning lamp
- **TSRS** Intelligent speed assist & road sign recognition
- WARNEST** High visibility warning vest - No sleeves

■ Standard Equipment

Optional Equipment

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- AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- AIDKIT1B** First aid kit - Legal demand for trucks transiting Germany
- CRUIS-E2** Cruise control for I shift with Eco-Roll
- CRUISEC** Cruise control - 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-ROOFA** Cab roof deflector - Adjustable
- AD-SIDES** Cab side deflector - Short extension panels
- HL-CLEAN** Headlight cleaner - Washer jets
- **HL-ADJ** Headlight adjustment - Switch in cab
- DRL-LED** Daytime running lights - V shaped
- BEACON-P** Roof beacons - switch and wiring preparation only
- BEACONA2** Roof-mounted beacons - Two LED amber beacons mounted direct on roof
- **HORN-F1S** Horn - Air single tone - chassis mounted
- HORN-R2S** Horn - Air - Two roof-mounted

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

- **WVTA** Whole Vehicle Type Approved - First stage chassis cab

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