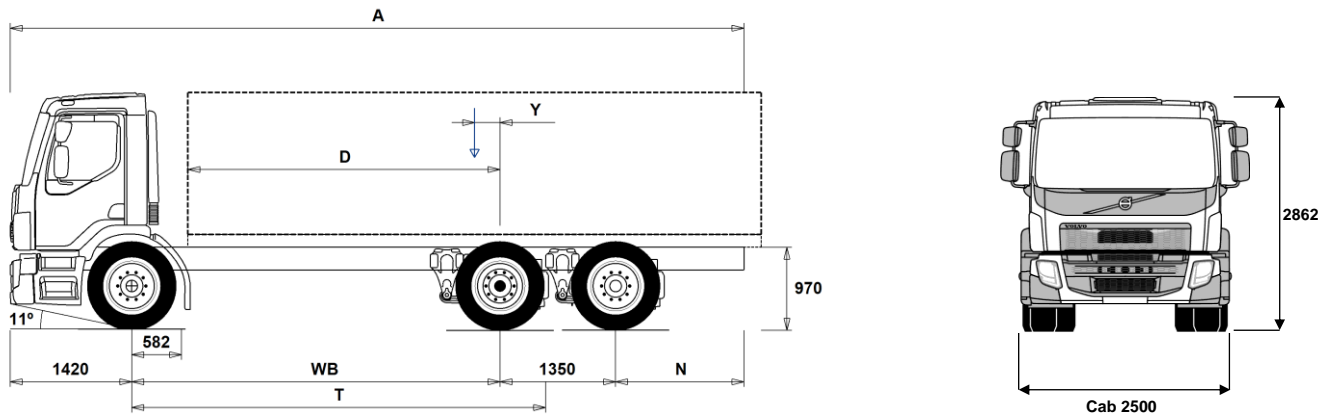


# MODEL RANGE



FE826 6x2 Platform 26 tonne - Rear Air Suspension FE 62TR A Volvo Trucks. Driving Progress



## Chassis Dimensions [mm]

WB Wheelbase	3500	3700	3900	4100	4300	4500	4750	5000	5250	5500	5800	6100	6450
A Overall Chassis Length	7960	8260	8610	8910	9260	9560	9960	10410	10760	11160	11560	11560	11560
D Center of rear axle to front of body	2844	3044	3244	3444	3644	3844	4094	4344	4594	4844	5144	5444	5794
N Rear Overhang (Min.)	640	640	640	640	640	640	2440	2640	2740	2890	2990	2690	2340
N Rear Overhang (Max.)	1690	1790	1940	2040	2190	2290	2440	2640	2740	2890	2990	2690	2340
T Theoretical Wheelbase	4033	4233	4433	4633	4833	5033	5283	5533	5783	6033	6333	6633	6983
Y Center of Gravity for Payload (Min.)	142	176	210	241	275	308	351	392	434	473	521	564	614
Y Center of Gravity for Payload (Max.)	142	176	210	241	275	308	351	392	434	473	521	564	614

## Chassis Weights [kg]

Front Axle	4055	4055	4055	4075	4075	4075	4080	4085	4090	4105	4115	4135	4155
Rear Bogie	2795	2810	2825	2865	2885	2895	2915	2950	2960	2995	3020	3010	2990
Kerb Weight	6850	6865	6880	6940	6960	6970	6995	7035	7050	7100	7135	7145	7145
Payload (including body, driver, fuel, etc.)	18235	18220	18205	18145	18125	18115	18090	18050	18035	17985	17950	17940	17940

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14200	14800	15400	16000	16600	17200	17900	18700	19400	20200	21100	22000	23000
Turning Circle Diameter Wall to Wall	15600	16200	16800	17400	18000	18600	19400	20100	20900	21600	22500	23500	24500

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	25085	26000
Gross Combination Weight	30000	30000
Front Axle	7100	8000
Rear Bogie	17985	19000

## Important Notes

### Chassis Dimensions

Front Axle to Back of Cab: +358 mm for CAB-SLP, +196 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  $\pm 20$  mm for leaf and  $\pm 10$  mm for air suspension.  
 All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-MED.  
 Height change when chassis height CHH-HIGH,FRAME300: +17 mm.

Weight and dimensions are based upon the following tyres:  
 Front Axle Tyres: 295/80R22.5  
 Drive Axle Tyres: 295/80R22.5  
 Trailing/Pusher 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. Tag axle used: TA-FIXED.

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 FE62TRA.

# MODEL RANGE

## FE826 6x2 Platform 26 tonne - Rear Air Suspension FE 62TR A

### TRUCK USE

- **TGW-4G** Telematics gateway - GSM/GPRS/4G modem, WLAN
- **FELECD** Volvo FE Low entry cab 2 person with engine tunnel diesel
- **FELECFD** Volvo FE Low entry cab 4 person
- **RC-ROUGH** On/off-road conditions
- **RC-SMOOT** Road Conditions - Smooth
- **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
- **CHH-LOW** Chassis Height - Low - for loading heights check the unique BEP chassis drawing
- **CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing
- **TA-HYSBS** Tag axle - Electro-hydraulically steered
- **TAG-FIXD** Tag axle - Fixed with twin tyres on tag axle
- **TAG-FIXS** Tag axle - Fixed with single tyres on tag axle
- **RADT-KR** Rear suspension - Air 4 bag design, tag axle rear bogie
- **CAB-DAY** Cab - Day - with steel safety cage design. Designed and built to Swedish impact and ECE R29 regulations
- **CAB-SLP** Cab - Sleeper with steel safety cage design. Designed and built to Swedish impact and ECE R29 regulations
- **CAB-SSLP** 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
- **D8K250** Engine - D8K250 six cylinder 7.7 litre developing 250hp at 2100rpm. Peak torque 950Nm at 900-1700rpm.
- **D8K280** D8K280 six cylinder 7.7 litre engine 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 - producing 120kW at 2800rpm
- **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
- **ZTO1109** Gearbox - Manual 9-speed range change overdrive
- **LIFT-BAS** Bogie lift - lifting tag axle
- **ULIFT** Without bogie lift
- **RSH1370F** Drive Axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- **RSS1344C** Drive Axle - RSS1344C single reduction with differential lock - design GCW 44 tonne
- **RSS1344E** Drive Axle - RSS1344E single reduction with differential lock - design GCW 44 tonne

### Packages

- **DRIVEFE** Cab Package - Drive
- **VISIFE** Visibility Package
- **AIRFLOW** Airflow Package -
- **FUELFE** Fuel Package

■ 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.

- **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-AIR** Front suspension type - Air
- **FST-PAR** Front suspension type - 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
- **RAL19** Rear bogie design capacity - 19 tonne
- **RAL21** Rear bogie design capacity - 21 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- **RALIM105** Rear-axle load limiter - 10.5 tonne
- **RALIM115** Rear-axle load limiter - 11.5 tonne
- **RALIM13** Rear-axle load limiter - 13 tonne
- **RALIM95** Rear-axle load limiter - 9.5 tonne
- **EBS-MED** Brake package - EBS medium including traction control & hill hold
- **RST-AIR** Rear suspension type - Air
- **ABS** Anti-lock brakes
- **SUSPL-E2** Air suspension levelling control - Remote control on wander-lead
- **FRAME266** Chassis frame section external height - 266 mm
- **FRAME300** Chassis frame section external height - 300 mm
- **FST7070** Chassis frame thickness - 7 mm web and flange
- **FST8080** Chassis frame thickness - 8 mm web and flange
- **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
- **R315A56** 315litre right hand aluminium 560 mm D-shaped fuel tank  
Min volume 215l  
Max volume 630l
- **UL-FUEL** Without left fuel tank  
Min volume 160l  
Max volume 315l
- **ADTP-L** Adblue tank position - Chassis mounted on the left-hand side
- **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

# MODEL RANGE

## FE826 6x2 Platform 26 tonne - Rear Air Suspension FE 62TR A

- RFEND-T** Rear mud wings - Temporary on drive axle for transport delivery 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** Air tanks - Aluminium
  - ATANK-ST** Air tanks - Steel
  - FRACLOS** Frame end closing
- ### WHEELS & TYRES
- RT-AL** Wheels - Alcoa brushed aluminium rims - standard holes for long stud fixing
  - RT-ALDP** Wheels - Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
  - RT-ALP** Wheels - Alcoa polished 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
  - CS39A-O** Clutch - Single plate 395mm (16")
  - CS43B-O** Clutch - Single plate 430mm (17")
  - RET-TPT** Retarder for automatic gearbox
  - 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
  - AIRIN-RL** Air intake - Chassis 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
  - PTR-ZF4** Rear PTO Gearbox 320Nm flange connection
  - PTR-ZF5** Rear PTO Gearbox 320Nm pump connection
  - PTRD-D10** 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
- ### CAB INTERIOR
- STWPOS-L** Steering wheel position - LEFT-HAND DRIVE
  - STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
  - 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** First aid kit - Legal demand for trucks transiting Germany
  - CRUIS-E2** Cruise control for I shift with Eco-Roll
  - CRUISEC** Cruise control with switches in the steering wheel
- ### CAB EXTERIOR
- RCABS-A** Rear cab suspension - Air
  - RCABS-M** Rear cab suspension - Mechanical spring
  - AD-ROOFA** Adjustable roof deflector with 12 positions
  - AD-SIDES** Cab side air deflector, short extension panels.
  - HL-CLEAN** Head lamp cleaner
  - HL-ADJ** Adjustable headlights with switch in the cab
  - DRL-LED** V-shaped daytime running lights
  - BEACON-P** Beacon preparation
  - BEACONA2** Two amber beacons directly mounted to cab 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-BTS** Pre-punched front body attachment holes for torsionally stiff body - tanker
  - 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
  - HBA-SB** Holes for body attachments - stiff body
  - TAILPREP** Taillift preparation kit - cab switch and warning in driver display
- ### DELIVERY SERVICES

Standard Equipment       Optional Equipment

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

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# MODEL RANGE

FE826 6x2 Platform 26 tonne - Rear Air Suspension FE 62TR A

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■ **WVTA** EC Whole Vehicle Type Approved

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