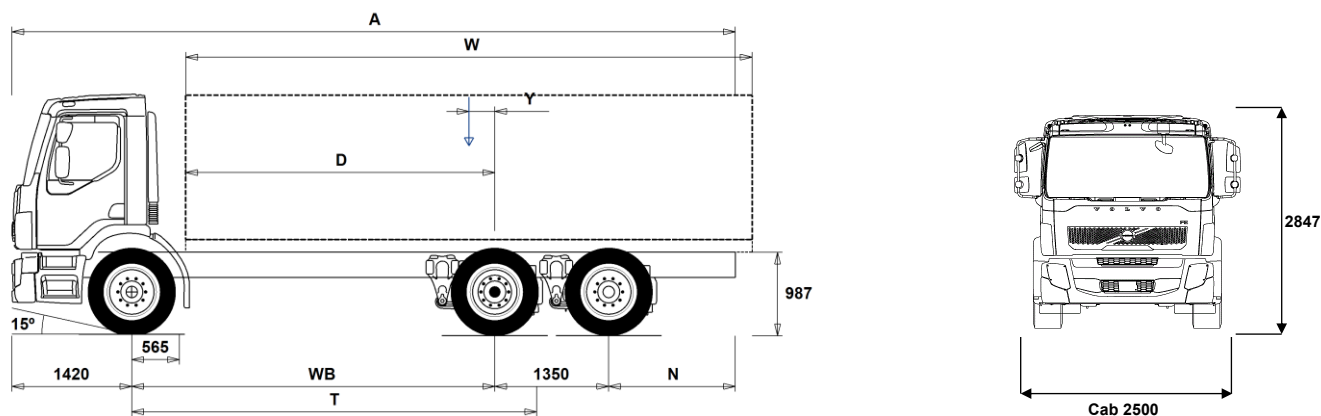


# MODEL RANGE

FE 62 CNG Rigid Fixed/Steerable Tag Rear Air FE 62TR AG



## Chassis Dimensions [mm]

| WB Wheelbase                           | 3500 | 3700 | 3900 | 4100 | 4300 | 4500 | 4750 | 5000 | 5250 | 5500 | 5800  | 6100  | 6450  |
|----------------------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| A Overall Chassis Length               | 7960 | 8160 | 8360 | 8560 | 8760 | 8960 | 9210 | 9460 | 9710 | 9960 | 10260 | 10560 | 10910 |
| D Center of rear axle to front of body | 2861 | 3061 | 3261 | 3461 | 3661 | 3861 | 4111 | 4361 | 4611 | 4861 | 5161  | 5461  | 5811  |
| N Rear Overhang                        | 1690 | 1690 | 1690 | 1690 | 1690 | 1690 | 1690 | 1690 | 1690 | 1690 | 1690  | 1690  | 1690  |
| T Theoretical Wheelbase                | 3997 | 4197 | 4397 | 4597 | 4797 | 4997 | 5247 | 5497 | 5747 | 5997 | 6297  | 6597  | 6947  |
| Y Center of Gravity for Payload (Min.) | 161  | 192  | 224  | 256  | 289  | 321  | 361  | 400  | 437  | 477  | 523   | 571   | 625   |
| Y Center of Gravity for Payload (Max.) | 161  | 192  | 224  | 256  | 289  | 321  | 361  | 400  | 437  | 477  | 523   | 571   | 625   |
| W Body Length (Min.)                   | 5403 | 5740 | 6076 | 6412 | 6747 | 7083 | 7503 | 7924 | 8350 | 8771 | 9278  | 9783  | 9941  |
| W Body Length (Max.)                   | 5403 | 5740 | 6076 | 6412 | 6747 | 7083 | 7503 | 7924 | 8350 | 8771 | 9278  | 9783  | 9941  |

## Chassis Weights [kg]

|                                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Front Axle                                   | 4360  | 4370  | 4375  | 4385  | 4385  | 4390  | 4395  | 4405  | 4425  | 4430  | 4445  | 4450  | 4460  |
| Rear Bogie                                   | 3015  | 3040  | 3045  | 3065  | 3075  | 3080  | 3090  | 3115  | 3140  | 3150  | 3170  | 3180  | 3195  |
| Kerb Weight                                  | 7375  | 7410  | 7420  | 7450  | 7460  | 7470  | 7485  | 7520  | 7565  | 7580  | 7615  | 7630  | 7655  |
| Payload (including body, driver, fuel, etc.) | 19125 | 19090 | 19080 | 19050 | 19040 | 19030 | 19015 | 18980 | 18935 | 18920 | 18885 | 18870 | 18845 |

## Turning Diameter [mm]

|                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Turning Circle Diameter Kerb to Kerb | 14100 | 14700 | 15300 | 15900 | 16500 | 17100 | 17800 | 18600 | 19300 | 20100 | 21000 | 21900 | 22900 |
| Turning Circle Diameter Wall to Wall | 15500 | 16100 | 16700 | 17300 | 17900 | 18500 | 19300 | 20000 | 20800 | 21500 | 22400 | 23300 | 24400 |

## Plated Weights [kg]

|                          | Design |
|--------------------------|--------|
| Gross Vehicle Weight     | 26500  |
| Gross Combination Weight | 26000  |
| Front Axle               | 7500   |
| Rear Bogie               | 19000  |

## 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  $\pm 20$  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: 0 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 FE62TRAG.

# MODEL RANGE

## FE 62 CNG Rigid Fixed/Steerable Tag Rear Air FE 62TR AG

### Transport operation

- **TGW-4G**
- **FELECFFG** Low-entry cab, flat floor, CNG
- **FELECG** Low-entry cab CNG
- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- **GARB-PRE** Refuse vehicle preparation
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

### Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **TA-HYSBS** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **TAG-FIXD** Fixed twin-wheel tag axle
- **TAG-FIXS** Fixed single-wheel tag axle
- **RADT-KR** Rear air suspension - two axles, one driving
- **FE-DAY2** FE Day cab new
- **FE-SLP2** FE Sleeper cab
- **FE-SSLP2** FE Comfort cab
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **AL306** Automatic 6-speed gearbox, 1695 Nm
- **LIFT-BAS** Bogie lift for non-driven rear axle
- **ULIFT** Without bogie lift
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C

### Packages

- **DRIVEFE** Driver convenience package FE
- **VISIFE** Visibility package FE
- **AIRFLOW** Airflow package with roof and side air deflectors and chassis fairings
- **AUDIODAB** Audio system with DAB radio and DAB amplifier
- **AUDIOPD** Preparation kit for DAB radio, including DAB amplifier

### Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **RAL19** Rear axles load 19 tonnes
- **RAL21** Rear axles load 21 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RALIM105** Rear driving axle load limiter, 10.5 tonnes
- **RALIM115** Rear driving axle load limiter, 11.5 tonnes
- **RALIM13** Rear drive axle load limiter, 13 tonnes
- **RALIM95** Rear driving axle load limiter, 9.5 tonnes
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **RST-AIR** Rear air springs
- **RST-AIR5** Rear air suspension, short
- **ABS**
- **SUSPL-E2** Remote control with wander lead for air suspension levelling, 2 sensors on rear axle

- **FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **WHC-FIX1** One non-collapsible wheel chock
- **WHC-FIX2** Two non-collapsible wheel chocks
- **RFEC-S** Straight-cut rear frame end
- **TOWR-ONE** Rear towing device in frame-end cross member
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-STA** Stationary trailer brake check
- **RUP-FIX2**
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFEND-T** Transport mudguard
- **RFH-BAS** Basic mudguard installation height
- **RFH-HIG** High mudguard installation height
- **RFH-LOW** Low mudguard installation height
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks
- **FRACLOS** Frame end closing

### Rims and tyres

- **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- **RT-ALDP** Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles
- **RT-STEEL** Steel rims on all axles
- **SPWT-F** Spare front wheel
- **SWCP-R** Spare wheel carrier mounted behind rear axle
- **SWCP-T** Spare wheel transport-mounted on top of frame
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame

### Powertrain equipment

- **APF-ENH2** I-Shift with enhanced PTO functions (Auto neutral for service brake/Split box connection)
- **RET-TPT** Gearbox-mounted Powertronic primary retarder
- **TC-HWO** Oil cooler for hydraulic transmissions – water/oil
- **AIRIN-HI** High air inlet
- **AIRIN-RL** Low air inlet, chassis mounted behind cab on left-hand side
- **ACL1ST-S** Air cleaner with extra filter element
- **CCV-C** Closed crankcase ventilation
- **220EBH08** Engine block heater, 220 V, 0.8 kW
- **PR-HP4T** Rear gearbox (top of converter) PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm
- **PR-HP4TL** Rear gearbox (top of converter) low-speed PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm
- **PR-HP6TH** Rear gearbox (top of converter) high-speed PTO with connection DIN 5462/ISO 7653 for pump, 600 Nm
- **PR-HP6TL** Rear gearbox (top of converter) low-speed PTO, connection DIN 5462/ISO 7653 for pump, 600 Nm
- **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** PTO speed control 900-1500 rpm with dash-mounted switch

■ 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.

# MODEL RANGE

FE 62 CNG Rigid Fixed/Steerable Tag Rear Air FE 62TR AG

## Cab interior

- **STWPOS-L** Left-hand drive
- **TAS-DIG4** Gen 4 one-day digital tachograph, EC approved (GNSS & DSRC, EU 2020/1054)
- **WARNLAMP** Portable amber and white warning lamp with batteries
- **TSRS** Road sign recognition
- **TSRS2** Road sign recognition (not ISA compliant)
- **WARNVEST** Reflective vest, fulfils European standard EN 471 class 2
- **AIDKIT** First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
- **AIDKIT1B** First aid kit fulfilling German requirements containing instruction, scissors, triangular cotton bandages, gauze bandages, bandaging cloths, gauze dressings, adhesive bandage, protective gloves, adhesive tape, first aid packets, rescue sheet.
- **SPDU-R** Dual speed limiter for refuse truck, rear loader
- **SPDU-S** Dual speed limiter for refuse truck, side loader
- **SPDU-SR** Dual speed limiter for refuse truck, side and rear loader
- **CRUISEC**

## Cab exterior

- **RCABS-A** Air rear cab suspension
- **RCABS-M** Mechanical rear cab suspension
- **AD-ROOFA** Adjustable roof air deflector
- **AD-SIDES** Cab side air deflectors, short
- **HL-CLEAN** High-pressure headlamp cleaner
- **HL-ADJ** Manually adjustable headlamp beam
- **DRL-LED** Daytime running lamps (LED)
- **BEACON-P** Preparation kit for roof beacons
- **BEACONA2** Two amber LED beacons on cab front roof
- **HORN-F1S** Single-tone Jericho horn behind grille, operated by steering wheel buttons
- **HORN-R2S** Two chromed single-tone air horns on the roof, operated by steering wheel buttons

## Superstructure preparations

- **FBA-BTF** Front body attachment brackets, lower, for flexible body
- **FBA-BTS** Pre-punched front body attachment holes for torsionally stiff body, e.g. tanker
- **FBA-BTSF** Front body attachment brackets, lower, for semi-flexible body
- **RBA-T1** Rear body attachment plates
- **RBA-T2** Rear body attachment brackets, lower
- **HBA-FSFB** Holes for body attachments, flexible/semi-flexible body
- **HBA-SB** Holes for body attachments, stiff body
- **TAILPREP** Tail lift preparation kit

## Services

- **WVTA** Whole Vehicle Type Approved

Volvo Trucks. Driving Progress