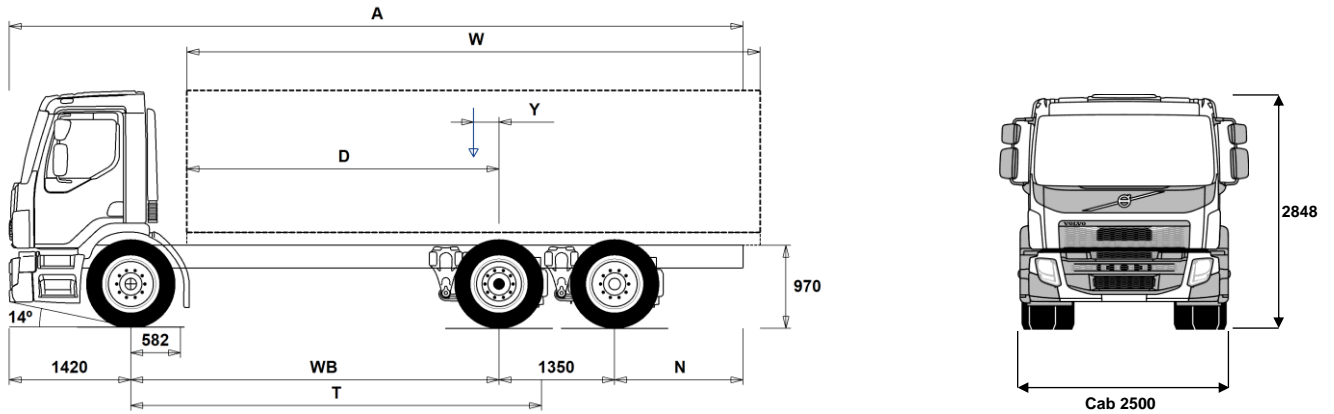


# MODEL RANGE

FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TR A



## 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	3997	4197	4397	4597	4797	4997	5247	5497	5747	5997	6297	6597	6947
Y Center of Gravity for Payload (Min.)	130	161	193	223	254	285	325	364	403	439	484	524	571
Y Center of Gravity for Payload (Max.)	151	183	216	247	279	312	353	393	433	471	517	559	608
W Body Length (Min.)	5389	5724	6058	6397	6732	7067	7485	7905	8325	8749	9256	9772	9924
W Body Length (Max.)	5431	5768	6104	6445	6782	7120	7540	7963	8385	8812	9323	9842	9924

## Chassis Weights [kg]

Front Axle	3995	4000	4000	4015	4015	4020	4020	4030	4030	4050	4060	4080	4100
Rear Bogie	2815	2830	2845	2885	2905	2915	2935	2965	2980	3015	3040	3025	3010
Kerb Weight	6810	6830	6845	6900	6920	6935	6955	6995	7010	7065	7100	7105	7110
Payload (including body, driver, fuel, etc.)	19190	19170	19155	19100	19080	19065	19045	19005	18990	18935	18900	18895	18890

## 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]

Gross Vehicle Weight	26000
Gross Combination Weight	32000
Front Axle	7100
Rear Bogie	19000

## Design

## 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 ± 20 mm for leaf and ± 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 ± 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

## FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TR A

### Transport operation

- TGW-4G** Telematics gateway with 4G modem
- FELECD** Low entry cab diesel
- FELECFD** Low entry cab flat floor diesel
- RC-ROUGH** The truck is optimised to suit the type of road the truck is going to be used on. Using the Road Condition parameter facilitates specification of frame thickness, suspension and other features.
  - For driving on badly maintained surfaced roads and hard-packed sand or gravel and other surfaces of good or bad quality.
  - These vehicles are robust and built for long-lasting usage in tough conditions
- **RC-SMOOTH** The truck is optimised to suit the type of road the truck is going to be used on. Using the Road Condition parameter facilitates specification of frame thickness, suspension and other features.
  - For long-haul driving on well-maintained and less well-maintained surfaced roads
- GARB-PRE** Garbage 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-LOW** Chassis height low - approx. 850 mm above ground level
- CHH-MED** Chassis height medium - approx. 900 mm above ground level
- TA-HYSBS** El. hydraulically steered tag axle with single wheels (two wheels on complete axle) and steering lock out at 38 km/h
- TAG-FIXD** Fixed tag axle with twin wheels (4 wheels on complete axle)
- **TAG-FIXS** Fixed tag axle with single wheels (two wheels on complete axle)
- **RADT-KR** Rear air suspension, 2 axles - 1 driven (K-ride)
- **CAB-DAY** Day cab
- CAB-SLP** Sleeper cab
- CAB-SSLP** Comfort cab
- **EU6SCR** Euro 6 emission level with Selective Catalytic Reduction (SCR), particle filter and Exhaust Gas Recirculation (EGR)
- **D8K250** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 250 hp, 950 Nm
- D8K280** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 280 hp, 1050 Nm
- D8K320** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 320 hp, 1200 Nm
- D8K350** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 350 hp, 1400 Nm
- EBR-CEB** Engine compression and exhaust brake
- **EBR-EPG** Engine brake with Exhaust Press Governor, EPG
- AL306** Automatic 6-speed Allison gearbox. Max input torque up to 1695 Nm.
- AT2412F** I-shift automated 12-speed gearbox, 2400 Nm
- **ZTO1006** Overdrive 6 speed manual ZF gearbox, 1050 Nm
- ZTO1109** Overdrive 9 speed manual ZF gearbox, 1200 Nm
- LIFT-BAS** Bogie lift
- **ULIFT** Without bogie lift
- RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- RSS1344E** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version E

### Packages

- DRIVEFE** Driver convenience package FE
- VISIFE** Visibility package FE - Optimizing the drivers field of vision around the cab

■ 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.

- AIRFLOW** Airflow package FL - Includes adjustable roof spoiler, side deflector and sun visor
- AUDIODAB** Audio System DAB
- **AUDIOPD** Audio Preparation DAB kit, incl. DAB-amplifier

### Chassis

- FST-AIR** Front air suspension
- **FST-PAR** 2 leaf front parabolic suspension (normal stiffness)
- **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
- FAL9.0** Front axle load 9.0 tonnes
- **RAL19** Rear bogie design capacity 19 tonnes
- RAL21** Rear bogie design capacity 21 tonnes
- **RSTAB1** Rear stabilizer with normal stiffness
- RALIM105** Rear drive axle load limiter, 10.5 tonnes
- **RALIM115** Rear drive axle load limiter, 11.5 tonnes
- RALIM13** Rear drive axle load limiter, 13 tonnes
- RALIM95** Rear drive axle load limiter, 9.5 tonnes
- **EBS-MED** EBS (Electronic Brake System) medium package incl. traction control system (TCS) and hill start aid
- **RST-AIR** Rear air suspension
- RST-AIR5** Rear air suspension, short
- **ABS** Lock free brakes
- **SUSPL-E2** Remote control on wander-lead for air suspension levelling with 2 sensors on rear axle
- FRAME266** Frame rail section external height 266 mm
- FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame section thickness - web 7.0 mm / flange 7.0 mm
- FST8080** Frame section thickness - web 8.0 mm / flange 8.0 mm
- **2BATT170** Batteries 2x170 Ah
- 2BATT225** Batteries 2x225 Ah
- ADR2** ADR adaptation, transportation of dangerous goods, 2 switches
- **R255A56** Right 255 litre aluminium 560 mm high D-shaped diesel tank. Usable volume is 97% of stated volume.
  - Min volume 215l
  - Max volume 630l
- **UL-FUEL** Without left diesel tank
  - Min volume 160l
  - Max volume 315l
- ADTP-L** AdBlue tank mounted on left hand side
- **ADTP-R** AdBlue tank mounted on right hand side
- **WHC-FIX1** One fixed wheel chock
- WHC-FIX2** Two fixed wheel chocks
- TB-L33** Toolbox 58 litre on the left hand side - width 330 mm, height 310 mm, depth 660 mm
- TB-L75** Toolbox 106 litre on the left hand side - width 755 mm, height 430 mm, depth 550 mm
- TOWMBRH** High mounted towing member, in centre of frame
- **RFEC-S** Rear frame end, straight cut (for regular 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
- C-RO430G** Towing coupling Rockinger 430 G-150
- C-RO50** Towing coupling Rockinger 50 mm
- TOWR-ONE** One rear towing device in frame end cross member
- TBC-EC** Trailer brake connection, European Community
- TRBR-STA** Stationary trailer brake control
- RUP-FIX2** Fixed rear underrun protection, EC approved

# MODEL RANGE

## FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TR A

<input type="checkbox"/> <b>RFEND-B</b>	Rear axle 3 piece fenders with anti-spray function	<input type="checkbox"/> <b>PR-HP4TL</b>	Rear gearbox mounted (top of converter) Hydrocar low speed PTO with connection (DIN 5462 / ISO 7653) for pump (400 Nm)
<input checked="" type="checkbox"/> <b>RFEND-T</b>	Transport mounted one-piece rear fenders, only for Jockey transport	<input type="checkbox"/> <b>PR-HP6TH</b>	Rear gearbox mounted (top of converter) Hydrocar high speed PTO with connection (DIN 5462 / ISO 7653) for pump (600 Nm)
<input type="checkbox"/> <b>RFH-103</b>	Rear fender installation with quarter fender height 103 mm from bottom of rail	<input type="checkbox"/> <b>PR-HP6TL</b>	Rear gearbox mounted (top of converter) Hydrocar low speed PTO with connection (DIN 5462 / ISO 7653) for pump (600 Nm)
<input type="checkbox"/> <b>RFH-BAS</b>	Optimal rear fender installation with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height.	<input type="checkbox"/> <b>PTR-FH1</b>	Rear gearbox mounted Hydrocar S81 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (800 Nm)
<input type="checkbox"/> <b>RFH-HIG</b>	Highest fender installation - suitable for rough road conditions	<input type="checkbox"/> <b>PTR-FH2</b>	Rear gearbox mounted Hydrocar S84 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (430 Nm)
<input type="checkbox"/> <b>RFH-LOW</b>	Lower rear fender installation - suitable only for smooth road conditions	<input type="checkbox"/> <b>PTR-FH5</b>	Rear gearbox mounted Hydrocar S88 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (450 Nm)
<input type="checkbox"/> <b>ATANK-AL</b>	Aluminium air tank	<input type="checkbox"/> <b>PTR-PH1</b>	Rear gearbox mounted Hydrocar S81 PTO with connection (DIN 5462 / ISO 7653) for pump 800 Nm max. Exceptions for AT2412F: 1000 Nm max
<input checked="" type="checkbox"/> <b>ATANK-ST</b>	Steel air tank	<input type="checkbox"/> <b>PTR-PH2</b>	Rear gearbox mounted Hydrocar S84 PTO with connection (DIN 5462 / ISO 7653) for pump (430 Nm)
<input type="checkbox"/> <b>FRACLOS</b>	Frame end closing	<input type="checkbox"/> <b>PTR-PH4</b>	Rear gearbox mounted Hydrocar S88 PTO with connection (DIN 5462 / ISO 7653) for pump (450 Nm)
<input type="checkbox"/> <b>2024GSR</b>	General safety regulations 2024	<input type="checkbox"/> <b>PTR-PK</b>	Electrical and solenoid prep kit for gearbox PTO
<b>Rims and tyres</b>		<input type="checkbox"/> <b>PTR-ZF2</b>	Rear gearbox mounted ZF PTO with flange connection (DIN 100 / ISO 7646) for prop shaft (410 Nm)
<input type="checkbox"/> <b>RT-AL</b>	Brushed aluminium rims with std holes (long stud fixing) on all axles	<input type="checkbox"/> <b>PTR-ZF4</b>	Rear gearbox mounted ZF PTO with flange connection (DIN 100 / ISO 7646) for prop shaft (320 Nm)
<input type="checkbox"/> <b>RT-ALDP</b>	Dura-Bright aluminium rims with std holes (long stud fixing) on all axles	<input type="checkbox"/> <b>PTR-ZF5</b>	Rear gearbox mounted ZF PTO with connection (DIN 5462 / ISO 7653) for pump (320 Nm)
<input type="checkbox"/> <b>RT-ALP</b>	Polished aluminium rims with std holes (long stud fixing) on all axles	<input type="checkbox"/> <b>PTRD-D1D</b>	Rear gearbox mounted double PTO with flange connection (DIN 120 / ISO 7646) for propeller shaft (550 Nm) and connection (DIN 5462 / ISO 7647) for pump (1000 Nm)
<input checked="" type="checkbox"/> <b>RT-STEEL</b>	Steel rims on all axles	<input type="checkbox"/> <b>PTRA-PH1</b>	Extra rear gearbox mounted PTO with double S81 connections (DIN 5462 / ISO 7653) for pump
<input checked="" type="checkbox"/> <b>SPWT-F</b>	Spare wheel with tyre equal to front wheel	<input type="checkbox"/> <b>PTRA-PH2</b>	Extra rear gearbox mounted PTO with double S84 connections (DIN 5462 / ISO 7653) for pump
<input type="checkbox"/> <b>SWCP-R</b>	Spare wheel carrier mounted behind rear axle and below frame	<input type="checkbox"/> <b>HPG-F101</b>	Hydraulic gearbox mounted pump F1-101, fixed displacement, single flow
<input type="checkbox"/> <b>SWCP-T</b>	Spare wheel supplied temporarily strapped to chassis	<input type="checkbox"/> <b>HPG-F41</b>	Hydraulic gearbox mounted pump F1-41, fixed displacement, single flow
<input checked="" type="checkbox"/> <b>SWCP-TP</b>	Spare wheel carrier transport mounted with the spare wheel on top of the frame rails	<input type="checkbox"/> <b>HPG-F51</b>	Hydraulic gearbox mounted pump F1-51, fixed displacement, single flow
<b>Powertrain equipment</b>		<input type="checkbox"/> <b>HPG-F61</b>	Hydraulic gearbox mounted pump F1-61, fixed displacement, single flow
<input type="checkbox"/> <b>TP-BAS</b>	standard software package supplied with the I-Shift	<input type="checkbox"/> <b>HPG-F81</b>	Hydraulic gearbox mounted pump F1-81, fixed displacement, single flow
<input type="checkbox"/> <b>TP-DICON</b>	adapts the gearbox's function to the specific conditions in the distribution and construction segmen	<input type="checkbox"/> <b>ETC</b>	Electronic throttle control - dash mounted switch for PTO speed control
<input type="checkbox"/> <b>TP-FUEC</b>	This software package is ideal for long-haul operations where strong emphasis is placed on fuel econ	<b>Cab interior</b>	
<input type="checkbox"/> <b>APF-ENH</b>	Enhanced PTO functions (Auto Neutral / Reverse Inhibit). Garbage - Auto Neutral working on parking brake.	<input checked="" type="checkbox"/> <b>STWPOS-L</b>	Left hand drive
<input type="checkbox"/> <b>APF-ENH2</b>	Enhanced PTO functions (Auto Neutral / Reverse Inhibit). Garbage - Auto Neutral working on service brake.	<input type="checkbox"/> <b>STWPOS-R</b>	Right hand drive
<input checked="" type="checkbox"/> <b>CS39A-O</b>	Single plate clutch, plate diameter 395 mm	<input checked="" type="checkbox"/> <b>TAS-DIG4</b>	version 2, one day digital tachograph, EC approved according to EU regulation 2020/1054
<input type="checkbox"/> <b>CS43B-O</b>	Single plate clutch, plate diameter 430 mm	<input type="checkbox"/> <b>IMMOBIL</b>	Immobiliser
<input type="checkbox"/> <b>RET-TPT</b>	Retarder for hydraulic gearbox	<input type="checkbox"/> <b>WARNLAMP</b>	The portable warning lamp can be set out in the event of unplanned standstills and alerts other road users to be careful. It serves as hazard lights, producing either a flashing amber light or a steady white beam which can be adjusted from the rear of the lamp unit. The lamp is equipped with two 6 volt 2.4 watt bulbs and is supplied with five D-size batteries.
<input type="checkbox"/> <b>TC-HWO</b>	Oil cooler for hydraulic transmissions – water/oil	<input type="checkbox"/> <b>ALARM-B</b>	Burglar alarm - cab
<input type="checkbox"/> <b>TC-MWO</b>	Basic performance oil cooler for mechanical transmissions - water/oil	<input type="checkbox"/> <b>WARNVEST</b>	Warning vest. Fulfils European standard according to EN 471 class 2.
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	High air intake, mounted behind cab on left hand side	<input checked="" type="checkbox"/> <b>AIDKIT</b>	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
<input type="checkbox"/> <b>AIRIN-RL</b>	Low air intake, chassis mounted behind cab on left hand side	<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit fulfilling German requirements containing instruction, scissors, triangular cotton bandages, gauze bandages, bandaging cloths, gauze dressings, adhesive
<input type="checkbox"/> <b>ACL1ST-S</b>	Air cleaner with additional filter element		
<input type="checkbox"/> <b>CCV-C</b>	Closed crankcase ventilation		
<input checked="" type="checkbox"/> <b>CCV-OX</b>	Open crankcase ventilation with oil separator and a maintenance free gas centrifuge		
<input checked="" type="checkbox"/> <b>AF-E</b>	Electrically heated fuel filter		
<input checked="" type="checkbox"/> <b>EST-AID</b>	Engine start pre-heating element		
<input type="checkbox"/> <b>220EBH08</b>	Electrical engine block heater, 220V/0.8kW		
<input type="checkbox"/> <b>PTER-100</b>	Rear engine mounted clutch independent power-take-off with flange connection (DIN 100 / ISO 7646)		
<input type="checkbox"/> <b>PTER-DIN</b>	Rear engine mounted clutch independent PTO with splined shaft groove (female) for a close coupled pump (DIN 5462 / ISO 7653)		
<input type="checkbox"/> <b>PTER1400</b>	Rear engine mounted clutch independent power-take-off with flange connection (SAE 1410 / ISO 7647)		
<input type="checkbox"/> <b>PR-HP4T</b>	Rear gearbox mounted (top of torque converter) Hydrocar PTO with connection (DIN 5462 / ISO 7653) for pump (400 Nm)		

Standard Equipment       Optional Equipment

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# MODEL RANGE

## FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TR A

bandage, protective gloves, adhesive tape, first aid packets, rescue sheet.

- SPDU-R** Dual speed limiter for rear refuse body steps
- SPDU-S** Dual speed limiter for side loader refuse vehicle
- SPDU-SR** Dual speed limiter for side and rear loader refuse vehicle
- CRUIS-E2** Cruise control with i-roll
- CRUISEC** Cruise control with switches in the steering wheel

### Cab exterior

- RCABS-A** Air rear cab suspension
- RCABS-M** Mechanical rear cab suspension
- AD-ROOFA** Adjustable roof air deflector
- AD-SIDES** Short cab side air deflectors
- HL-CLEAN** High pressure headlamp cleaner
- HL-ADJ** Adjustable headlamps to adjust the height of the light beam
- DRL-LED** V-shaped ("V-light") day running light (LED). Turned on low beam gives a dimmed "V-light".
- BEACON-P** Roof beacon lights wire preparation (two cable pass throughs)
- BEACONA2** 2 amber beacon, roof mounted warning lamps
- HORN-F1S** One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons.
- HORN-R2S** Two roof mounted single tone chromed air horns

### Superstructure preparations

- FBA-BTF** Front body attachments for flexible body
- FBA-BTS** Pre-punched front body attachment holes for torsionally stiff body - tanker
- FBA-BTSF** Front body attachments for semi-flexible body
- 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** Tail lift preparation kit

### Services

- WVTA** Whole Vehicle Type Approved