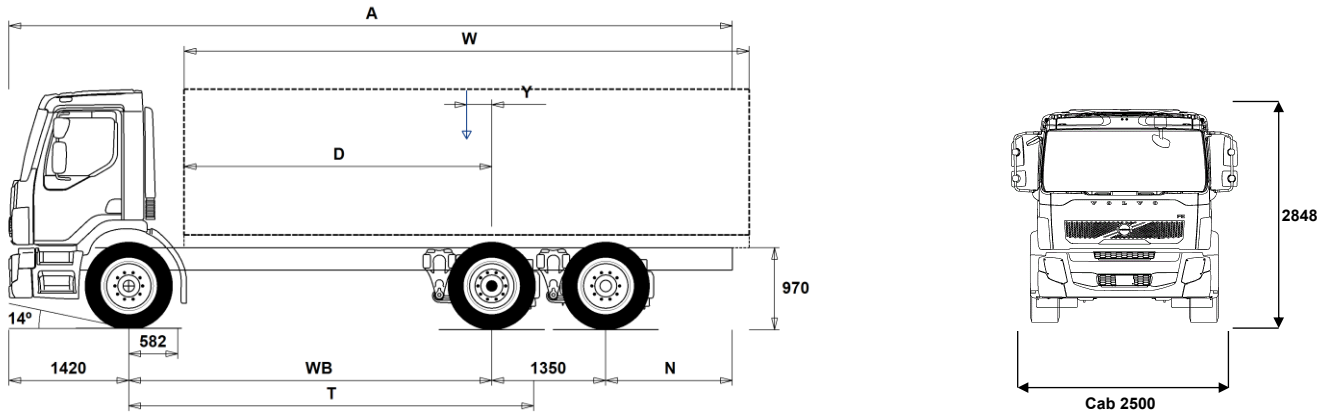


MODEL RANGE

FE 62 Rigid Fixed/Steerable Tag Rear Air FE 62TRA



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.)	147	180	212	243	275	307	348	388	428	466	512	554	602
Y Center of Gravity for Payload (Max.)	147	180	212	243	275	307	348	388	428	466	512	554	602
W Body Length (Min.)	5396	5731	6066	6405	6740	7076	7494	7915	8334	8759	9267	9783	9924
W Body Length (Max.)	5396	5731	6066	6405	6740	7076	7494	7915	8334	8759	9267	9783	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.)	19290	19270	19255	19200	19180	19165	19145	19105	19090	19035	19000	18995	18990

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	26100
Gross Combination Weight	32000
Front Axle	7100
Rear Bogie	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 ± 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**
- FELECD** Low-entry cab diesel
- FELECFD** Low-entry cab, flat floor, diesel
- 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-SMOOTH** 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-LOW** Chassis height low - approx. 850 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
- D8K250** Diesel engine, Euro 6, 7.7 litres, 250 hp/184 kW, 950 Nm
- D8K280** Diesel engine, Euro 6, 7.7 litres, 280 hp/206 kW, 1050 Nm
- D8K320** Diesel engine, Euro 6, 7.7 litres, 320 hp/235 kW, 1200 Nm
- D8K350** Diesel engine, Euro 6, 7.7 litres, 350 hp/258 kW, 1400 Nm
- EBR-CEB** Engine compression and exhaust brake
- EBR-EPG** Engine brake with exhaust pressure governor
- AL306** Automatic 6-speed gearbox, 1695 Nm
- AT2412F** I-Shift automated 12-speed gearbox, 2400 Nm
- ZTO1006** Manual 6-speed gearbox, 1050 Nm
- ZTO1109** Manual 9-speed gearbox, 1200 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
- 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
- AIRFLOW** FE 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)
- FAL7.1** Front axle load 7.1 tonnes
- 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 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 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
- FRAME266** Frame rail section external height 266 mm
- 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
- ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- R255A56** Right 255-litre, D-shaped aluminium fuel tank, 560 mm high
Min volume 215l
Max volume 630l
- UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 315l
- ADTP-L** AdBlue tank on left hand side
- ADTP-R** AdBlue tank on right hand side
- WHC-FIX1** One non-collapsible wheel chock
- WHC-FIX2** Two non-collapsible wheel chocks
- TB-L33** Tool box on left-hand side, 58-litre - width 330 mm, height 310 mm, depth 660 mm
- TB-L75** Tool box on left-hand side, 106-litre - width 755 mm, height 430 mm, depth 550 mm
- TOWMBRH** Towing member, high-mounted in centre of frame
- RFEC-S** Rear frame end, straight cut (for regular platform applications)
- C-RI4040** Coupling Ringfeder 4040A G-150
- C-RI5055** Coupling Ringfeder 5055A G-150
- C-RO400G** Coupling Rockinger 400 G-150
- C-RO430G** Towing coupling Rockinger 430 G-150
- C-RO50** Coupling Rockinger 50 mm
- 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** Optimal rear fender installation with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel 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

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).

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<ul style="list-style-type: none"> ■ 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 <p>Powertrain equipment</p> <ul style="list-style-type: none"> □ TP-BAS □ TP-DICON □ TP-FUEC Gear-changing software for regional haul □ APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) □ APF-ENH2 I-Shift with enhanced PTO functions (Auto neutral for service brake/Split box connection) ■ CS39A-O Single-plate clutch, plate diameter 395 mm □ CS43B-O Single-plate clutch, plate diameter 430 mm □ RET-TPT Gearbox-mounted Powertronic primary retarder □ TC-HWO Oil cooler for hydraulic transmissions – water/oil □ TC-MWO Basic performance cooler for manual/I-Shift gearboxes - 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 ■ CCV-OX Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge ■ AF-E Electrically heated fuel filter ■ EST-AID Engine intake air heater □ 220EBH08 Engine block heater, 220 V, 0.8 kW □ PTER-100 Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646 □ PTER-DIN Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653 □ PTER1400 Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647 □ 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 □ PTR-FH1 Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft 800 Nm □ PTR-FH2 Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 430 Nm □ PTR-FH5 Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 450 Nm □ PTR-PH1 Rear gearbox PTO Hydrocar S81, connection DIN 5462/ISO 7653 for pump, 800/1000 Nm □ PTR-PH2 Rear gearbox PTO Hydrocar S84, connection DIN 5462/ISO 765 for pump, 430 Nm □ PTR-PH4 Rear gearbox PTO Hydrocar S88, connection DIN 5462/ISO 7653 for pump, 450 Nm □ PTR-PK Preparation kit for rear gearbox PTO □ PTR-ZF2 Rear gearbox PTO ZF, flange connection DIN 100/ISO 7646 for propshaft, 410 Nm □ PTR-ZF4 Rear gearbox PTO ZF, flange connection DIN 100/ISO 7646 for propshaft, 320 Nm □ PTR-ZF5 Rear gearbox PTO ZF, connection DIN 5462/ISO 7653 for pump, 320 Nm □ PTRD-D1D Rear gearbox dual PTO flange/propshaft DIN120/ISO7646, 550 Nm, pump DIN5462/ISO7647, 1000 Nm □ PTRA-PH1 Extra rear gearbox PTO with dual S81 connections DIN 5462/ISO 7653 for pump □ PTRA-PH2 Extra rear gearbox PTO with dual S84 connections DIN 5462/ISO 7653 for pump 	<ul style="list-style-type: none"> □ 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 <p>Cab interior</p> <ul style="list-style-type: none"> ■ STWPOS-L Left-hand drive ■ STWPOS-R Right-hand drive ■ TAS-DIG4 Gen 4 one-day digital tachograph, EC approved (GNSS & DSRC, EU 2020/1054) □ IMMOBIL Immobiliser □ WARNLAMP Portable amber and white warning lamp with batteries ■ TSRS Road sign recognition □ 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 □ CRUIS-E2 Cruise control with I-Roll □ CRUISEC <p>Cab exterior</p> <ul style="list-style-type: none"> □ 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 <p>Superstructure preparations</p> <ul style="list-style-type: none"> □ 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 <p>Services</p> <ul style="list-style-type: none"> ■ WVTA Whole Vehicle Type Approved
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■ Standard Equipment □ Optional Equipment

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