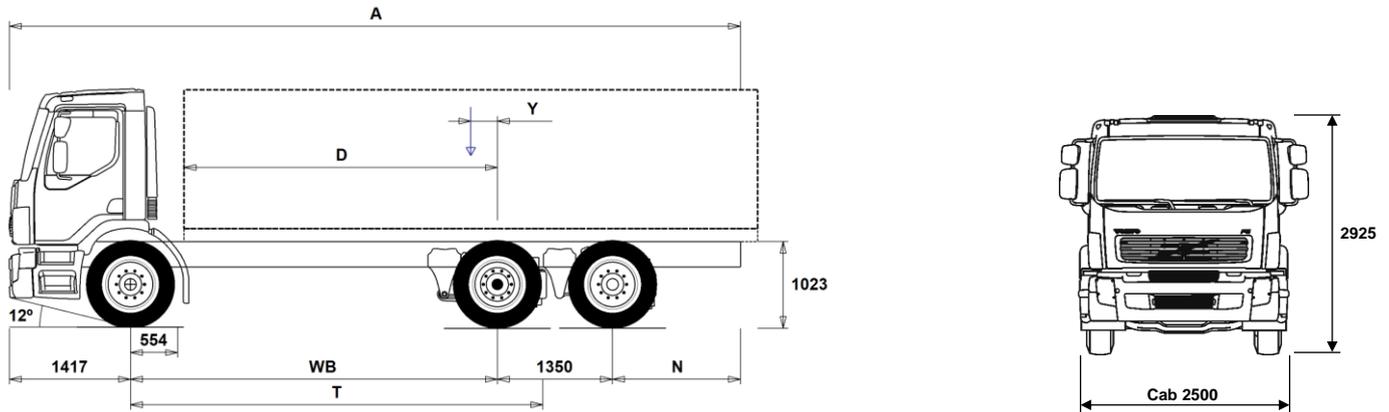


MODEL RANGE



Volvo Trucks. Driving Progress

FE 6x2 Platform - DO NOT USE - Euro 5 - Rear Air Suspension HA FES62 R HA



Chassis Dimensions [mm]

WB Wheelbase	3500	3700	3900	4100	4300	4500	4750	5000	5250	5500	5800	6100	6450
A Overall Chassis Length	7957	8257	8607	8907	9257	9557	9957	10357	10757	11157	11557	11557	11557
D Center of rear axle to front of body	2872	3072	3272	3472	3672	3872	4122	4372	4622	4872	5172	5472	5822
N Rear Overhang	1690	1790	1940	2040	2190	2290	2440	2590	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.)	201	233	271	307	343	379	424	466	532	576	632	684	750
Y Center of Gravity for Payload (Max.)	201	233	271	307	343	379	424	466	532	576	632	684	750

Chassis Weights [kg]

Front Axle	3710	3725	3730	3735	3740	3745	3750	3765	3685	3690	3695	3710	3710
Rear Bogie	2745	2700	2770	2785	2800	2810	2825	2840	2850	2835	2875	2895	2930
Kerb Weight	6455	6425	6500	6520	6540	6555	6575	6605	6535	6525	6570	6605	6640
Payload (including body, driver, fuel, etc.)	18630	18660	18585	18565	18545	18530	18510	18480	18550	18560	18515	18480	18445

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13800	14400	15000	15600	16100	16700	17500	18200	18900	19700	20500	21400	22400
Turning Circle Diameter Wall to Wall	15300	15900	16500	17000	17600	18200	19000	19700	20400	21200	22000	22900	23900

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	25085	26000
Gross Combination Weight	44000	
Front Axle	7100	8000
Rear Bogie	17985	19000

Important Notes

Chassis Dimensions

Cab Height: +3 mm for L2H1.

Front Axle to Back of Cab: +210 mm for L2H1, +381 mm for L3H1.

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-STD.

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, 70 litres fuel and without driver. Kerb weight can vary ± 1.5%.

Turning diameters are theoretically calculated. Tag axle used: TAG-FIXS.

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 20824886, 20824890, 20824891, 20824892, 20824893.

MODEL RANGE

FE 6x2 Platform - DO NOT USE - Euro 5 - Rear Air Suspension HA FES62 R HA

CORE COMPONENTS

- TOWF-N1B** One front towing device, two towing positions
- TOWF-NO1** One front towing device
- CHH-MED** Chassis height medium - For a specific loading height always check the unique BEP chassis drawing
- CHH-STD** Standard chassis frame height above ground
- TAG-FIXD** Fixed tag axle twin tyres (4 tyres on complete axle)
- TAG-FIXS** Fixed tag axle single tyres (2 tyres on complete axle)
- TAG-HYS** Hydraulically steered tag axle
- L1H1** Short day cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- L2H1** Medium cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- L3H1** Sleeper cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- EU3** Euro 3 Engine emission control.
- EU4SCR** Euro 4 Selective Catalytic Reduction (SCR) engine emission control.
- EU5EEV** Euro 5 EEV Enhanced Environmental Vehicle
- EU5SCR-M** Euro 5 Mandatory engine emission level.
- EOBD-BAS** On Board Diagnostic (OBD) emission control display
- D7E240** D7E240 7.2l engine developing 240hp
Max torque 920Nm at 1200-1700rpm.
- D7E280** D7E280 7.2l engine developing 280hp
Max torque 1050Nm at 1200-1700rpm.
- D7E320** D7E320 7.2l engine developing 320hp
Max torque 1200Nm at 1200-1700rpm.
- D7F240** D7F240 7.2l engine developing 240hp
Max torque 940Nm at 1200-1800rpm.
- D7F260** D7F260 7.2l engine developing 260hp
Max torque 1010Nm at 1200-1800rpm.
- D7F300** D7F300 7.2l engine developing 300hp
Max torque 1160Nm at 1200-1800rpm.
- D7F340** D7F340 7.2l engine developing 340hp
Max torque 1300Nm at 1200-1900rpm.
- EBR-CBJ3** Engine brake producing 188kW at 2800rpm
controlled by steering column switch
- EBR-EPG** Exhaust brake producing 130kW at 2800rpm
controlled by steering column switch
- AL306** Allison AL306 6-speed automatic gearbox
(If a PTO is required it must specified from the factory)
- STO1309** STO1309 9-speed range change overdrive gearbox
- ZTO1006** ZTO1006 6-speed overdrive gearbox
- ZTO1109** ZTO1109 9-speed range change overdrive gearbox
- CS39A-O** Single plate 395mm (16") clutch
- CS43B-O** Single plate 430mm (17") clutch
- FAL7.5** Front axle design capacity 7.5 tonnes
- FAL8.0** Front axle design capacity 8.0 tonnes
- FST-AIR** Front suspension type, air
- FST-PAR** Parabolic front springs
- RADT-A4** Four bag air suspended tag axle rear bogie
- RS1370HV** RS1370HV hub reduction 13tonne drive axle with differential lock
- RSS1344C** RS1344C single reduction rear axle - design GCW 44tonne
with differential lock
- RAL19** Rear bogie design capacity 19 tonnes
- RST-AIR** Rear air suspension
- RSTAB1** Rear anti-roll bar
- TRAL67** 11.5 Drive: 6.7 tonne Tag - bogie load distribution
- TRAL71** 11.5 Drive: 7.1 tonne Tag - bogie load distribution
- TRAL75** 11.5 Drive: 7.5 tonne Tag - bogie load distribution
- RALIM115** Rear axle load limiter, 11.5 tonnes

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.

- BOGLIFT** Lifting tag axle

Packages

- AUDIOBAS**
- AUDIODAB**
- AUDIOPK**

TRUCK USE

- ADR2** ADR package for transportation of dangerous goods on road
(Note does NOT include safe loading pass package if required this is quoted separately)

- STWPOS-R** Right hand drive

CHASSIS

- BRAKE-DV** Ventilated disc brakes
- EBS-MED** EBS+ package including traction control & hill hold
- FRAME77** Frame thickness 7mm
- FRAME88** Frame thickness 8mm
- FRAMEHIG** Frame section height 300mm
- FRAMELOW** Frame section height 266mm
- FRACLOS** With frame closing
- 2BATT170** 2 x 170 Ah capacity batteries on left hand side
- 2BATT225** 2 x 225 Ah capacity batteries on left hand side
- EXD-LEFT** Horizontal silencer - catalyst, with left exhaust outlet
- EXD-REAR** Horizontal silencer - catalyst, with rear exhaust outlet
- EXD-VERL** Horizontal silencer - catalyst, with vertical exhaust outlet
- R315A56** 315litre right hand aluminium 560 mm D-shaped fuel tank
Min volume 215l
Max volume 830l
- UL-FUEL** Without left fuel tank
Min volume 160l
Max volume 315l
- XTL315AL** Left extra fuel aluminium tank, 315 litre
- XTL415AL** Left extra fuel aluminium tank, 415 litre
- FUFF-ATS** Fuel filling anti-syphon device
- ATANK-AL** Aluminium air tanks
- ADTR70** 70 litre plastic AdBlue tank on right hand side
- ADTL70** 70 litre plastic AdBlue tank on left hand side
- SWCP-LF** Spare wheel carrier on left side, in front of rear axle.
- 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)
- WHC-FIX1** One wheel chock
- WHC-FIX2** Two wheel chocks
- TB-L33** Toolbox 330 x 330 mm on the left side
- TB-L75** Toolbox 754 mm on the left side
- TOWMBRH** Towing member, high position, mounted in centre of frame
- C-RI5055** Towing coupling, Ringfeder 5055 G-150
- C-RO400G** Towing coupling, Rockinger 400 G-150
- C-RO40AG** Towing coupling, Rockinger 400 G-145
- C-RO430G** Towing coupling, Rockinger 430 G-150
- C-RO43AG** Towing coupling, Rockinger 430 G-145
- C-RO50**
- TOWR-ONE** Towing hitch attached to rear crossmember
- RUP-FIX2** Fixed rear EC approved aluminium underrun
- RFEND-B** Three piece rear mudwings
- RFEND-T** Mudwings on drive axle for transportation only
- WHEELS & TYRES**
- RT-ALP**

MODEL RANGE

FE 6x2 Platform - DO NOT USE - Euro 5 - Rear Air Suspension HA FES62 R HA

■ RT-STEEL	Steel rims on all axles	□ DST-STD8	
□ SPWT-F	Spare wheel & tyre with front tyre pattern	□ PST-BAS1	
DRIVELINE EQUIPMENT		■ PST-ECOA	
□ RET-TPT	Retarder for automatic gearbox	□ PST-STD6	
□ ACL1ST-S	Air filter with secondary filter element	□ PST-STD7	
□ ENGENV1	Engine working environment -40° to +40°C	□ APST	Additional passenger seat.
■ ENGENV2	Engine working environment -15° to +40°C	□ ARMRE-PS	Single armrest on passenger seat next to the driver.
□ ENGENV3	Engine working environment -25° to +40°C	□ BED2058	Occasional single piece foam bunk Bunk size - Thickness 13.5mm x Width 58cm x Length 200cm Smoke detector Front and side window curtains
■ COOLC40	Cooling capacity 40° C	□ BED2078	Fixed sprung bunk Bunk size - Thickness 13.5mm x Width 78cm x Length 200cm Smoke detector
□ COOLC48	Cooling capacity 48° C	□ REST2078	Front and side window curtains, with additional bunk curtain Two piece fold up foam bunk Bunk size - Thickness 9mm x Width 78cm x Length 200cm Smoke detector Front and side window curtains
□ AF-E	Auxiliary fuel filter, electrically heated	□ BEDBAR	Bunk protection bar
□ EST-AID	Engine start preheating element	□ ETS-FL	Engine tunnel storebox, adjustable on engine tunnel, features large drawer, bottle holder, pullout table and 12/24v electric sockets.
□ STHLP	Start help	□ ETS-FLRH	Engine tunnel storebox, adjustable on engine tunnel, features large drawer, bottle holder, lifting top, pullout table and 12/24v electric sockets.
□ ETC	Electronic throttle control - dash mounted switches that control PTO speed	□ ETS-FMR	Engine tunnel storebox, fixed, features two large boxes, rear one with lift of lid, front one with folding flap too form table, front oddments tray and 24v electric socket.
□ 220EBH08	Engine block heater, 220V/0.8kW	□ BUNKBOX	Removable open storage bin behind seats
□ FLAMEPR	Flame protection in the exhaust system	■ FOHS-BAS	Front overhead open storage pockets with nets
□ PTER-DIN	Rear engine mounted PTO with DIN5462 (female) splined shaft for a close coupled pump	□ FOHS-COV	Front overhead storage lockers with doors
□ PTER1400	Rear engine mounted power-take-off with SAE 1410 flange	□ REF-IC28	Fridge 28litre mounted on engine tunnel
□ PR-HP4T	Live-drive PTO for Allison gearbox output 400Nm for hydraulic pump connection mounted on top of the torque convertor	□ RWCLOH-H	Clothes rail on rear wall
□ PR-HP4TL	Live-drive low speed PTO for Allison gearbox output 400Nm for hydraulic pump connection mounted on top of the torque convertor	□ CU-HEAT	Conventional heater unit
□ PR-HP6T	Live-drive PTO for Allison gearbox output 600Nm for hydraulic pump connection mounted on top of the torque convertor	□ CU-MCC	Manually operated air conditioning
□ PR-HP6TH	Live-drive high speed PTO for Allison gearbox output 600Nm for hydraulic pump connection mounted on top of the torque convertor	□ PH-CAB	1.8kW Air to air night heater
□ PR-HP6TL	Live-drive low speed PTO for Allison gearbox output 600Nm for hydraulic pump connection mounted on top of the torque convertor	□ RH1ELEG	Roof hatch - glass, electrically operated.
□ PTR-FH1	Rear PTO Gearbox S81 flange DIN connection	□ RH1ELEP	Roof hatch - electrically operated.
□ PTR-FH2	Rear PTO Gearbox S84 flange DIN connection	□ RH1MANP	Roof hatch - manually operated.
□ PTR-FH5	Rear PTO Gearbox S88 flange DIN connection	■ URHATCH	Roof hatch - not fitted.
□ PTR-PH1	Rear PTO Gearbox S81 pump DIN connection	□ WIND-HF	Heated windscreen
□ PTR-PH2	Rear PTO Gearbox S84 pump DIN connection	□ AWIND-RF	Rear window without curtains.
□ PTR-PH4	Rear PTO Gearbox S88 pump DIN connection	□ SWIND-BS	Side windows in rear cab panels both sides
□ PTR-PK	Electrical and solenoid prep kit for gearbox PTO	□ SWIND-PS	Side rear nearside passenger window
□ PTR-ZF2	Rear Power Take Off flange DIN connection	□ AWIND-DP	Lower kerb window on passenger door
□ PTR-ZF3	Rear Power Take Off Gearbox pump DIN connection	□ WLIFT-EB	Electric windows both sides
□ PTR-ZF4	Rear PTO Gearbox 320Nm flange connection	■ WLIFT-ME	Mechanical window lift
□ PTR-ZF5	Rear PTO Gearbox 320Nm pump connection	□ LOCK-ALL	Central locking with remote control and remote electronic battery master switch. Note there is no manual master switch on the chassis Manual locking driver and passenger doors. Central door locking with remote control
□ PTRA-PH2	Add PTO for 9sp box twin S84 pump conn	□ IL-DOOR	White step light in lower door
□ HPG-F101	Gearbox mounted hydraulic pump F1-101, fixed displacement, single flow.	■ HLA-EL	Electrically adjustable headlights
□ HPG-F41	Gearbox mounted hydraulic pump F1-41, fixed displacement, single flow.	■ ISUNV-S	Internal side sunvisor
□ HPG-F51	Gearbox mounted hydraulic pump F1-51, fixed displacement, single flow.	□ CURT-WB	Front & side window curtains, with curtain between bunk and seat. Note these do not cover the lower door or rear window if specified.
□ HPG-F61	Gearbox mounted hydraulic pump F1-61, fixed displacement, single flow.	□ CURT-WIN	Front & side window curtains only. Note these do not cover the lower door or rear window if
□ HPG-F81	Gearbox mounted hydraulic pump F1-81, fixed displacement, single flow.		
□ ENGPROT	Engine protection		
CAB INTERIOR			
□ DST-CF5	Driver seat comfort air suspended, heated, with seatbelt built into the seat and adjustments for the following , backrest tilt, height, front tilt, length, adjustable shock absorber and rapid descent.		
□ DST-ECOA			
■ DST-STD2			
■ 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 6x2 Platform - DO NOT USE - Euro 5 - Rear Air Suspension HA FES62 R HA

- specified.
- **CBM-RSH** Aerial connection for CB radio supplied in front overhead shelf
 - **ACON-USB** Audio USB connector
 - **XCON-AUD** 3.5mm audio mini jack socket
 - **AIP-BT** Bluetooth phone capability
 - **INST-MED** Medium instruments & driver's information display
Includes - Speedometer & Rev counter
Gauges for fuel level, Oil pressure, Turbo boost, Coolant temperature & individual front and rear air circuits
 - **FMS** Fleet Management System gateway
 - **DOL12S12** 12 volt dash single outlet
 - **DOL24+12**
 - **IMMOAL** Immobiliser and cab alarm
 - **IMMOUAL** Immobiliser
 - **BUPALARM** Reverse alarm
 - **REM-AUD** Remote control for audio system
 - **FIRE2SWE** 2kg fire extinguisher located by the driver's seat next to the door
 - **WARNVEST** High visibility warning vest - no sleeves
 - **WARNTRI1** One warning triangle
 - **WARNTRI2** Two warning triangles
 - **WARNTRI3** Three warning triangles
 - **AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
 - **TACHOP2** Continental VDO DTCO 2.0 digital tachograph for ADR applications can be modified for remote download
 - **TACHOP4** Continental VDO DTCO 2.0 digital tachograph can be modified for remote download
 - **CRUISEC** Cruise control with switches in the steering wheel
 - **JACK-10T** 10 tonne bottle jack
 - **INFLAHOS** Tyre inflation hose
 - **GAUGE-TP** Tyre pressure gauge
 - **MAT-RUB** Rubber Mats
 - **XINS-CAB** Extra insulation in cab
 - **XINS-MCA** Extra insulation medium level in cab
 - **WRITEPAD** Writing pad

CAB EXTERIOR

- **CTILTP-E** Electrically operated hydraulic cab tilt
- **CTILTP-M** Manually operated hydraulic cab tilt
- **CABS-FUA** Rear cab suspension - Air
- **CABS-MEC** Rear cab suspension - coil spring
- **MIRCOMF** Electrically heated and operated main mirrors with wide angle mirror on both sides and kerb mirror on the passenger side.
- **MIRSTD** Electrically heated main mirrors with wide angle mirror on both sides and kerb mirror on the passenger side.
- **CMIR-FF** Close view front mirror
- **SUNV-URL** Exterior sunvisor
- **AD-ROOF** Fixed cab roof air deflector - not adjustable
- **AD-ROOFA** Adjustable air deflector
- **AD-SIDES** Cab side air deflector, short extension panels.
- **HL-CLEAN** Head lamp cleaner jet
- **HL-ASYML** Head lamp asymmetric, right hand drive
- **HL-ASYMR** Head lamp asymmetric, left hand drive
- **LOWB-DAY** Day running light
- **LOWB-STD** Standard low beam

- **FOGL-WB** Fog lights located in the corner of the front bumper
- **BEACON-P** Beacon preparation
- **BEACONA2** Two amber beacons directly mounted to cab roof
- **AHORN-D** Twin roof mounted air horns
- **ACCBR-PK** Accessory roof bracket - preparation kit
- **ACCBKTF** Accessory roof bracket - front

SUPERSTRUCTURE PREPARATIONS

- **CRANE-PK** Crane preparation kit - mounting plates for subframe behind cab
Maximum crane capacity 20tonne/m
- **TBC-EC** EEC palm air connections
- **TRBR-UPT** Trailer brake control, without pressure trailer control
- **TRBRAKE1** Trailer brake, 1 valve
- **BBP-CF** Body Builder preparation, wiring pass through in cab floor
- **ELCE-CK** Electrical interface for Body Builder
- **ELCE-PK1** Electrical preparation kit for Body Builder does not include bodybuilder module
- **TAILPREP** Taillift preparation kit - cab switch and warning in driver display
- **BODATTF** Lower flexible front body mounts fixed to chassis - upper not supplied
- **BODATTS** Pre-punched holes for TANKER flexible body attachments - mountings not supplied.
- **BODATTSF** Body attachments, semi-flexible
- **UBODATT** Without body attachments - punched holes

DELIVERY SERVICES

- **LAMP-IN** Inspection lamp

VOLVO

Volvo Truck Corporation

volvotrucks.com