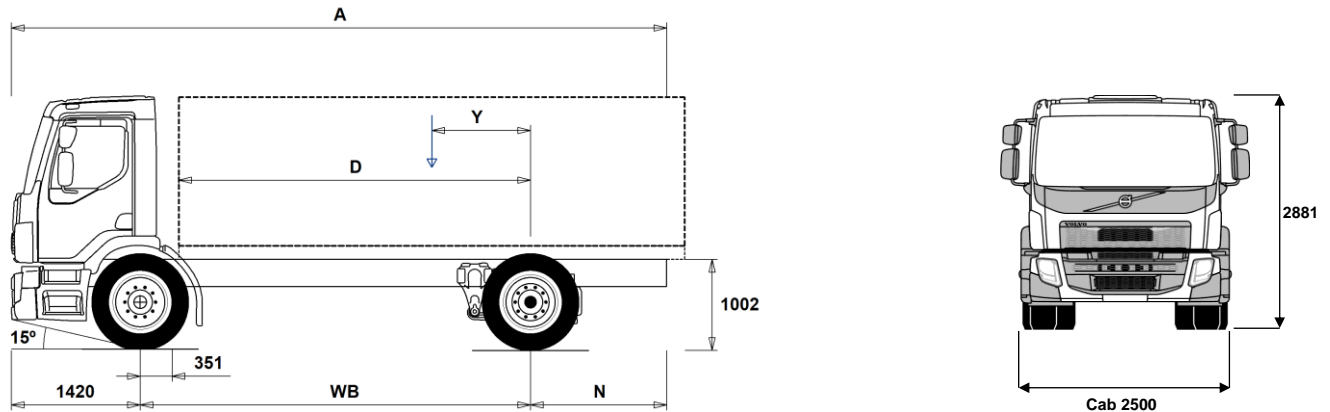


MODEL RANGE



FE Electric 4x2 Platform 18 tonne - Rear Air Suspension - Contact Volvo Trucks. Driving Progress



Chassis Dimensions [mm]

WB Wheelbase	4100	4300	4500	4750	5000	5250	5500	5800	6100	6450	6800
A Overall Chassis Length	7560	7760	7960	8210	8460	8710	8960	9260	9560	9910	10260
D Center of rear axle to front of body	3675	3875	4075	4325	4575	4825	5075	5375	5675	6025	6375
N Rear Overhang	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
Y Center of Gravity for Payload (Min.)	680	689	703	718	734	756	772	799	810	832	851
Y Center of Gravity for Payload (Max.)	1280	1322	1366	1420	1475	1532	1587	1655	1716	1791	1866

Chassis Weights [kg]

Front Axle	4800	4865	4910	4965	5015	5040	5080	5100	5160	5200	5240
Rear Axle	2955	2945	2915	2885	2865	2815	2795	2740	2745	2720	2705
Kerb Weight	7755	7810	7825	7850	7880	7855	7875	7840	7905	7920	7945
Payload (including body, driver, fuel, etc.)	10245	10190	10175	10150	10120	10145	10125	10160	10095	10080	10055

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14700	15300	15900	16700	17500	18200	19000	19900	20800	21900	23000
Turning Circle Diameter Wall to Wall	16100	16700	17300	18100	18900	19600	20400	21300	22300	23300	24400

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	18000	18000
Gross Combination Weight	21000	21000
Front Axle	8000	8000
Rear Axle	11500	13000

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: +454 mm for CAB-SLP, +249 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: 0 mm.

Weight and dimensions are based upon the following tyres:
Front Axle Tyres: 315/80R22.5
Drive Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated.

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 FE42RE.

MODEL RANGE

FE Electric 4x2 Platform 18 tonne - Rear Air Suspension - Contact Sales Engineering FE

TRUCK USE

- **TGW-4G** Telematics gateway - GSM/GPRS/4G modem, WLAN
- **FELECFE** Volvo FE electric Low entry cab, 4 person
- **RC-SMOOT** Road Conditions - Smooth
- **GARB-PRE** Transport Adaption - Refuse preparation
- **UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- **CHH-HIGH** Chassis Height - High - for loading heights check the unique BEP chassis drawing
- **CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing
- **RAD-KR** Rear suspension - Air 2 bag design
- **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.
- **EMIZERO** Zero tailpipe emission - Electric truck
- **RSS1344C** Drive Axle - RS1344C single reduction with differential lock - design GCW 44 tonne

Packages

- **DRIVEFE** Cab Package - Drive
- **VISIFE** Visibility Package
- **AIRFLOW** Airflow Package -
- **AUDIODAB** Audio System - Digital DAB AM/FM Radio with Bluetooth - without CD player

CHASSIS

- **FST-AIR** Front suspension type - Air
- **FST-PAR** Front suspension type - 2 leaf parabolic springs
- **FAL8.0** Front axle design capacity - 8.0 tonne - check tyre capacity
- **FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- **RAL13** Rear axle design capacity - 13 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- **EBS-MED** Brake package - EBS medium including traction control & hill hold
- **RST-AIR** Rear suspension type - Air
- **RST-AIR5**
- **ABS** Anti-lock brakes
- **SUSPL-E2** Air suspension levelling control - Remote control on wander-lead
- **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
- **WHC-FIX1** Wheel chock - One fixed design
- **WHC-FIX2** Two wheel chocks
- **RFEC-S** Rear frame profile - Straight cut
- **RFEND-B** Three piece rear mudwings
- **RFEND-T** Rear mud wings - Temporary on drive axle for transport delivery only
- **RFH-BAS** Basic rear wing height
- **RFH-HIG** High rear wing height - higher wing tops

- **RFH-LOW** Lower rear wing height - shallower wing tops
- **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-STEEL** Wheels - Steel rims

CAB INTERIOR

- **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
- **SPDU-R** Dual speed limiter for refuse body steps
- **SPDU-S** Dual speed limiter for side loader refuse body
- **SPDU-SR** Dual speed limiter for side and rear loader refuse body
- **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-BTFS** Lower front body attachments - For torsionally semi-flexible body - box or curtainsider
- **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

- **DRUT2** Driver utility app - "My Truck" - two-year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **WVTA** EC Whole Vehicle Type Approved

■ 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 Electric 4x2 Platform 18 tonne - Rear Air Suspension - Contact Sales Engineering FE

V O L V O

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