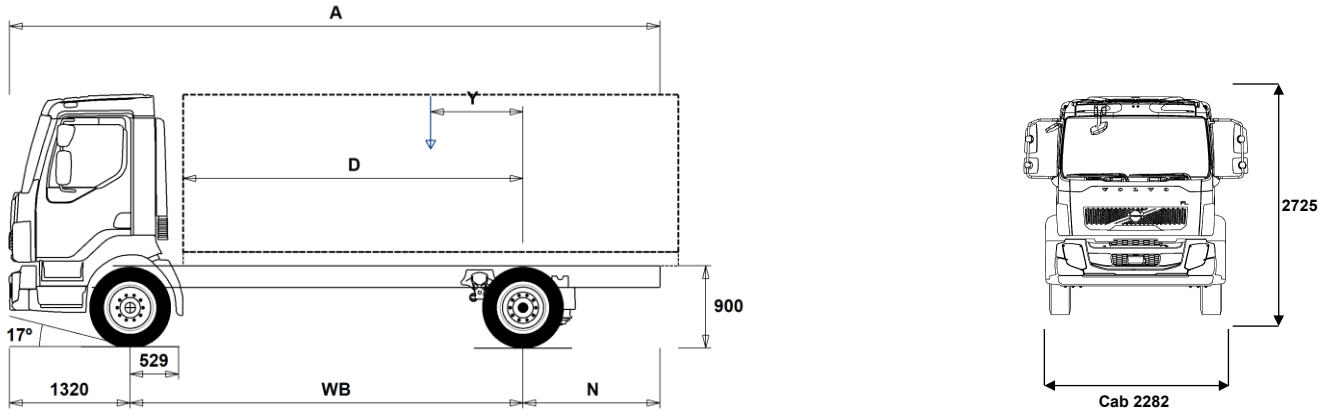


MODEL RANGE

FL Battery Electric 4x2 Platform 16/18 tonne - Full Air Suspension FL 42 R E 16



Chassis Dimensions [mm]

WB Wheelbase	3800	4100	4400	4700	5000	5300	5600	5900	6200	6500
A Overall Chassis Length	7825	8125	8425	8725	9025	9915	9625	9925	10225	10525
D Center of rear axle to front of body	3221	3521	3821	4121	4421	4721	5021	5321	5621	5921
N Rear Overhang (Min.)			2255			2895				
N Rear Overhang (Max.)	2705	2705	2705	2705	2705	3295	2705	2705	2705	2705
Y Center of Gravity for Payload (Min.)	394	405	415	421	431	448	443	451	476	462
Y Center of Gravity for Payload (Max.)	674	707	740	770	802	844	862	893	959	951

Chassis Weights [kg]

Front Axle	4115	4165	4205	4255	4290	4310	4360	4385	4410	4435
Rear Axle	2375	2340	2310	2310	2285	2320	2270	2260	2605	2245
Kerb Weight	6490	6505	6515	6565	6575	6630	6630	6645	7015	6680
Payload (including body, driver, fuel, etc.)	9510	9495	9485	9435	9425	9370	9370	9355	8985	9320

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13300	14200	15100	16000	16900	17800	18700	19600	20500	21400
Turning Circle Diameter Wall to Wall	14600	15500	16400	17300	18200	19100	20000	20900	21800	22700

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	16000	16000
Gross Combination Weight	0	16000
Front Axle	5800	5800
Rear Axle	10900	10900

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: +149 mm for CAB-SSLP.
 D-measure includes a front clearance of 50 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.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 285/70R19.5
 Drive Axle Tyres: 285/70R19.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ± 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 FL42RE16.

MODEL RANGE

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TRUCK USE

- FRFS-BS** Frame rail free space - both sides to give space for crane legs or other equipment
- **UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- **CHH-MED** Chassis height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- **RAD-A2V** Rear suspension - Two bag rear air suspension
- **FL-DAY2** Cab - Day, with steel safety cage design. Designed and built to Swedish impact and ECE R29 regulations
- FL-SSLP2** 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
- RSS1125A** Drive axle - RS1125A single reduction with differential lock Design GCW 25tonne
- **RSS1132A** Drive axle - RS1132A single reduction with differential lock Design GCW 32tonne

Packages

- DRIVEFL** Cab Package - Drive
- VISIFL** Visibility package
- AIRFLOW** Airflow Package
- AUDIODAB** Audio System - Digital DAB AM/FM Radio with Bluetooth - without CD player
- AUDIOPD** Audio - Preparation for DAB radio including amplifier and aerial

CHASSIS

- **FST-AIR** Front suspension - Air
- **FAL5.8** Front axle design capacity - 5.8 tonne
- **RAL10.9** Rear axle design capacity - 10.9 tonne
- **EBS-MED** Brake package - EBS medium including traction control & hill hold
- **RST-AIR** Rear suspension - Air
- **SUSPL-E2** Air suspension levelling control - Remote control on wander-lead
- **FST8080** Chassis frame thickness - 8 mm web and flange
- **2BATT170** Battery Capacity - 2 x 170 Ah on the left-hand side
- **TOWF-NO1** Front towing device - One pin in bumper
- TOWF-NO2** Front towing device - Two pins in bumper
- TREL15** Trailer electrical connection - Single 15 pin - ADR certified
- RUP-FIX2** Rear underrun protection - Fixed EC approved

WHEELS & TYRES

- **RT-AL** Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
- RT-ALDP** Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
- RT-STEEL** Wheels - Steel rims
- GAUGE-TP** Tyre pressure gauge

CAB INTERIOR

- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- **TAS-DIG4** Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
- **TSRS** Intelligent speed assist & road sign recognition

CAB EXTERIOR

- SUNV-B** Exterior sun visor - Smoked grey

- **SUNV-PK** Exterior sun visor preparation kit only
- AD-SIDES** Cab side deflector - Short extension panels
- BEACON-P** Roof beacons - switch and wiring preparation only
- BEACONA2** Roof-mounted beacons - Two LED amber beacons mounted direct on roof

SUPERSTRUCTURE PREPARATIONS

- FBA-BTF** Lower front body attachments - For torsionally flexible - platform body
- **FBA-BTSF** Lower front body attachments - For torsionally semi-flexible body - box or curtainsider
- **RBA-T2** Rear body attachments - Divided
- TAILPREP** Taillift preparation kit - cab switch and warning in driver display

DELIVERY SERVICES

- TGW-4G** Telematics gateway - GSM/GPRS/4G modem, WLAN
- DRUT5** Driver utility app - "My Truck" - 5 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **WVTA** Whole Vehicle Type Approved - First stage chassis 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.

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Volvo Trucks. Driving Progress