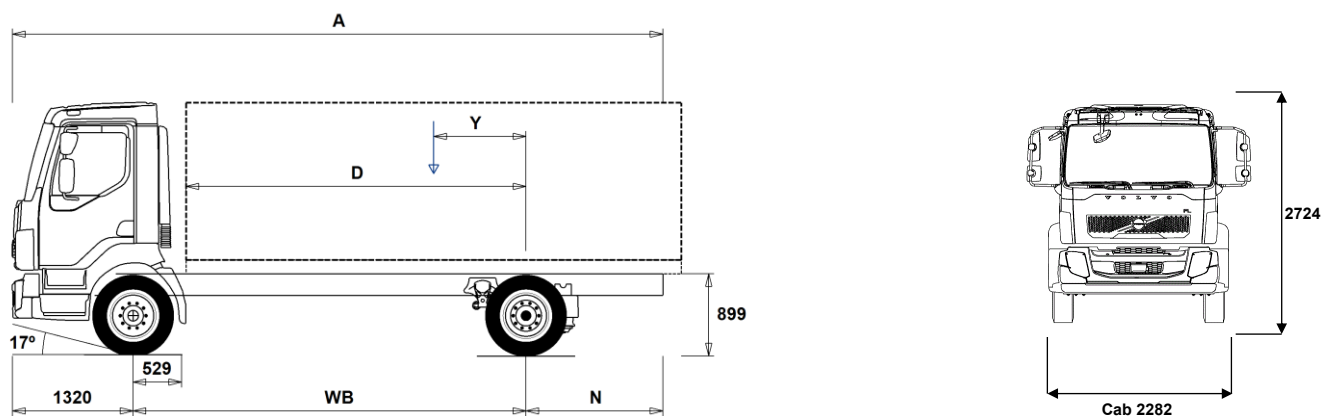


MODEL RANGE

FL Battery Electric 4x2 Platform 16 tonne - Rear Air Suspension - Contact Sales



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.)	360	361	363	359	360	368	353	352	364	345
Y Center of Gravity for Payload (Max.)	648	673	697	719	743	776	785	807	863	848

Chassis Weights [kg]

Front Axle	4225	4290	4340	4400	4440	4470	4525	4560	4590	4620
Rear Axle	2545	2500	2460	2445	2415	2440	2385	2370	2710	2345
Kerb Weight	6770	6790	6800	6845	6855	6910	6910	6930	7300	6965
Payload (including body, driver, fuel, etc.)	9230	9210	9200	9155	9145	9090	9090	9070	8700	9035

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.

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 $\pm 3\%$.

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 FL42RE16.

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TRUCK USE

- **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** New Day cab - build in or after week 9 2024
- **FL-SSLP2** New Comfort cab - build in or after week 9 2024
- **EMIZERO** Zero tailpipe emission - Electric truck
- **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-L** Steering wheel position - LEFT-HAND DRIVE
- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- **TAS-DIG4** Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023

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
- **DRUT1** Driver utility app - "My Truck" - 1 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **DRUT2** Driver utility app - "My Truck" - 2 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **DRUT3** Driver utility app - "My Truck" - 3 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **DRUT4** Driver utility app - "My Truck" - 4 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
- **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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