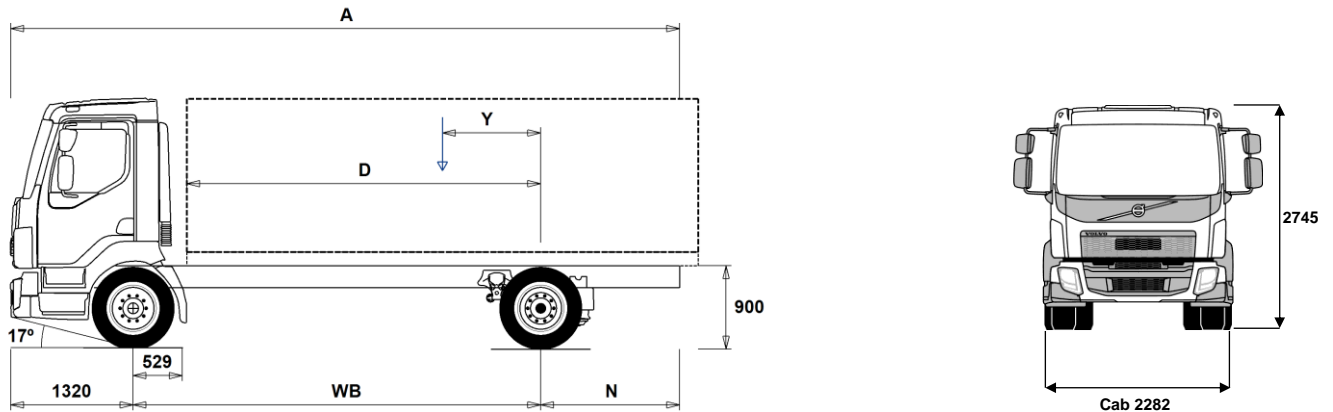


# MODEL RANGE



Volvo Trucks. Driving Progress

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



## Chassis Dimensions [mm]

WB Wheelbase	4400	5300
A Overall Chassis Length	8425	9325
D Center of rear axle to front of body	3821	4721
N Rear Overhang	2705	2705
Y Center of Gravity for Payload (Min.)	387	311
Y Center of Gravity for Payload (Max.)	719	713

## Chassis Weights [kg]

Front Axle	4280	4560
Rear Axle	2420	2230
Kerb Weight	6700	6790
Payload (including body, driver, fuel, etc.)	9300	9210

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	15100	17800
Turning Circle Diameter Wall to Wall	16400	19100

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	16000	16000
Gross Combination Weight	16000	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  $\pm 20$  mm for leaf and  $\pm 10$  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

- **RAD-A2V** Two bag rear air suspension
- **CAB-DAY** Cab - Day - 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
- **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

## CHASSIS

- **FST-AIR** Front suspension type - 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 type - 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
- **RUP-FIX2** Rear underrun protection - Fixed EC approved

## 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
- **GAUGE-TP** Tyre pressure gauge

## CAB INTERIOR

- **STWPOS-L** Steering wheel position - LEFT-HAND DRIVE
- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE

## CAB EXTERIOR

- **SUNV-B** Exterior sun visor - Smoked grey
- **SUNV-PK** Exterior sun visor preparation kit only
- **AD-SIDES** Cab side air deflector, short extension panels.
- **BEACON-P** Roof beacons - wiring preparation only
- **BEACONA2** Two amber beacons directly mounted to cab 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

- 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.

- **TAILPREP** Taillift preparation kit - cab switch and warning in driver display

## DELIVERY SERVICES

- **TGW-4G** Telematics gateway - GSM/GPRS/4G modem, WLAN
- **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

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**VOLVO**

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