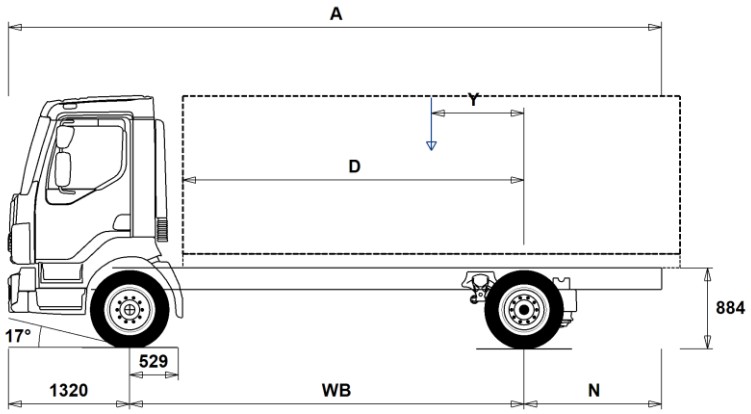
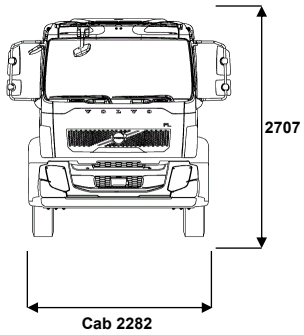
VOLVO

MODEL RANGE

NEW FL Battery Electric 4x2 Rigid 14 tonne - Full Air Suspension FL 42 R E 14





Chassis Dimensions [mm]

WB	Wheelbase	3800	4100	4400	4700	5000	5300	5600	5900	6200	6500
A	Overall Chassis Length	8015	8315	8615	8915	9215	9515	9815	10115	10415	10715
D	Center of rear axle to front of body	3221	3521	3821	4121	4421	4721	5021	5321	5621	5921
N	Rear Overhang	2895	2895	2895	2895	2895	2895	2895	2895	2895	2895
Y	Center of Gravity for Payload (Min.)	359	369	513	529	531	538	560	551	562	584
Y	Center of Gravity for Payload (Max.)	568	595	755	789	810	835	874	884	913	953

Chassis Weights [kg]

Front Axle	3805	3840	3630	3665	3720	3760	3775	3830	3855	3865
Rear Axle	2185	2165	2385	2390	2385	2380	2390	2375	2370	2380
Kerb Weight	5990	6005	6015	6055	6105	6140	6165	6205	6225	6245
Payload (including body, driver, fuel, etc.)	8010	7995	7985	7945	7895	7860	7835	7795	7775	7755

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	14000	14000
Gross Combination Weight	0	16000
Front Axle	5000	5000
Rear Axle	9440	9500

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: 265/70R19.5
Drive Axle Tyres: 265/70R19.5

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 FL42RE14.

Ref: FL 42 R E 14 GBR 2026-10-05 ENG

VOLVO

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Superstructure / Fifth Wheel

□	**FRFS-BS**	Frame rail free space

Operating Conditions

■	**UNIFORM**	Basic platform vehicle

Core Components

■	**CHH-MED**	Medium
■	**RAD-A2V**	RAD-A2V - FL 10 to 16tonne - 4x2 2 bag rear air suspension
■	**FL-DAY2**	Short day (1.6m)
□	**FL-SSLP2**	Comfort (2.0m)
■	**EMIZERO**	Zero tailpipe emission - Electric truck
■	**ESS175K**	Total Energy 175kWh LFP - beginning of life
□	**145UBE**	Maximum Usable Battery Energy 145 kWh
■	**RSS1125A**	Single reduction with diff lock - design load 11 tonne, GCW 25 tonne
□	**RSS1132A**	Single reduction with diff lock - design load 11 tonne, GCW 32.5 tonne

Packages

□	**DRIVEFL**	Drive
□	**VISIFL**	Visibility
□	**AIRFLOW**	Sunvisor, roof deflector and cab extensions
□	**AUDIODAB**	Digital DAB AM/FM Radio with Bluetooth - without CD player
□	**AUDIOPD**	Radio preparation including amplifier and aerial

Chassis

■	**FST-AIR**	Air
■	**FAL5.0**	5.0 tonne
■	**RAL9.5**	9.5 tonne
■	**EBS-MED**	EBS medium including traction control & hill hold
■	**RST-AIR**	Air
■	**SUSPL-E2**	Remote suspension control (2 sensor)
■	**FST8080**	8 mm web and flange
■	**2BATT170**	2 x 170 Ah on the left-hand side
■	**TOWF-NO1**	One towing pin
□	**TOWF-NO2**	Two towing pins
□	**TREL15**	Single 15 pin connector - ADR certified

Wheels & Tyres

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

Cab Interior- Driving

■	**STWPOS-R**	RIGHT HAND DRIVE
■	**TAS-DIG4**	Continental VDO 4.1 smart tachograph version 2 - legal demand from 21/08/2023
■	**DAS-W2**	Driver Alert Support Warning with driver attention monitoring
■	**TSRS**	Intelligent speed assist & road sign recognition

Cab Exterior

□	**SUNV-B**	Smoked grey
■	**SUNV-PK**	Installation preparation kit
□	**AD-SIDES**	Cab side air deflector - short rigid
□	**BEACON-P**	Beacon preparation
□	**BEACONA2**	2 amber LED beacons - mounted direct to cab roof

Superstructure / Fifth Wheel

□	**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

Support & Type Approval

■	**WVTA**	Whole Vehicle Type Approved - MANDATORY for standard truck

■ 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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