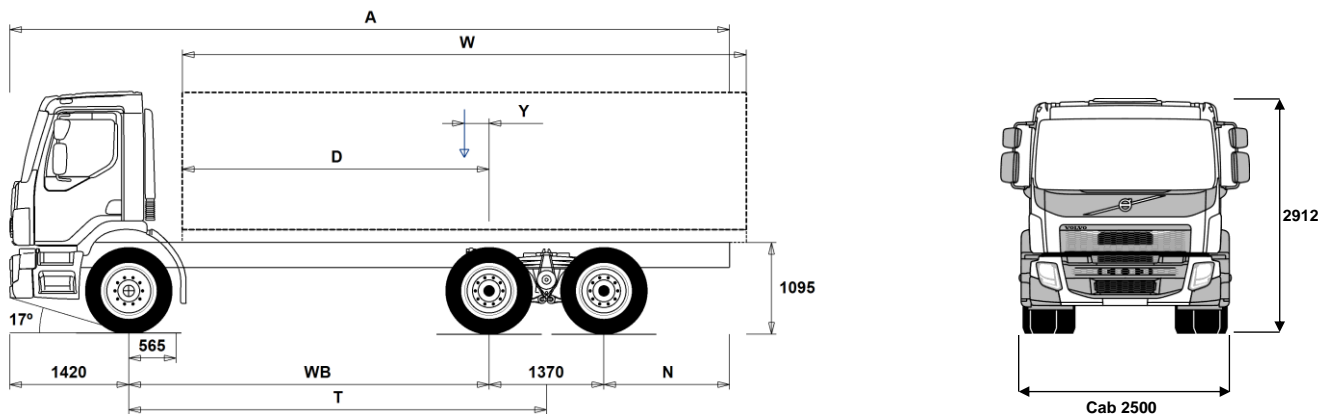


MODEL RANGE

FE 64 Rigid Rear Leaf B-ride FE 64 R B



Chassis Dimensions [mm]

WB Wheelbase	3495	3845	4195	4495	4995	5495
A Overall Chassis Length	7610	8710	9710	9360	10160	11010
D Center of rear axle to front of body	2856	3206	3556	3856	4356	4856
N Rear Overhang (Min.)	830	830	1240	830	830	830
N Rear Overhang (Max.)	1325	2075	2725	2075	2375	2725
T Theoretical Wheelbase	4180	4530	4880	5180	5680	6180
Y Center of Gravity for Payload (Min.)	-461	-440	-420	-416	-395	-379
Y Center of Gravity for Payload (Max.)	14	78	140	178	260	338
W Body Length (Min.)	5687	6259	6834	7358	8195	9038
W Body Length (Max.)	6049	6609	7169	7649	8449	9249

Chassis Weights [kg]

Front Axle	4020	4010	4010	4055	4075	4105
Rear Bogie	3520	3605	3700	3650	3710	3790
Kerb Weight	7540	7615	7710	7705	7785	7895
Payload (including body, driver, fuel, etc.)	18460	18385	18290	18295	18215	18105

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14900	16000	17100	18000	19500	21100
Turning Circle Diameter Wall to Wall	16300	17400	18500	19400	21000	22500

Plated Weights [kg]

Gross Vehicle Weight	26000
Gross Combination Weight	32000
Front Axle	7100
Rear Bogie	21000

Design

Gross Vehicle Weight	26000
Gross Combination Weight	32000
Front Axle	7100
Rear Bogie	21000

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: +375 mm for CAB-SLP, +204 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.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 295/80R22.5
 Drive Axle Tyres: 295/80R22.5

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 FE64RB.

MODEL RANGE

FE 64 Rigid Rear Leaf B-ride FE 64 R B

Transport operation

- TGW-4G** Telematics gateway with 4G modem
- **RC-ROUGH** The truck is optimised to suit the type of road the truck is going to be used on. Using the Road Condition parameter facilitates specification of frame thickness, suspension and other features.
 - For driving on badly maintained surfaced roads and hard-packed sand or gravel and other surfaces of good or bad quality. These vehicles are robust and built for long-lasting usage in tough conditions
- TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **RADD-BR** Rear leaf suspension, 2 axles - 2 driven (B-ride)
- **CAB-DAY** Day cab
- CAB-SLP** Sleeper cab
- CAB-SSLP** Comfort cab
- **EU6SCR** Euro 6 emission level with Selective Catalytic Reduction (SCR), particulate filter and Exhaust Gas Recirculation (EGR)
- **D8K280** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 280 hp, 1050 Nm
- D8K320** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 320 hp, 1200 Nm
- D8K350** Six cylinder diesel engine, 7.7 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 350 hp, 1400 Nm
- EBR-CEB** Engine compression and exhaust brake
- **EBR-EPG** Engine brake with Exhaust Press Governor, EPG
- AL306** Automatic 6-speed Allison gearbox. Max input torque up to 1695 Nm.
- AT2412F** I-shift automated 12-speed gearbox, 2400 Nm
- **ZTO1109** Overdrive 9 speed manual ZF gearbox, 1200 Nm
- RTH2180C** Rear hub reduction tandem axles - bogie load 21 tonnes, GCW 80 tonnes version C
- **RTS2370A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 70 tonnes

Packages

- DRIVEFE** Driver convenience package FE
- VISIFE** Visibility package FE - Optimizing the drivers field of vision around the cab
- AIRFLOW** Airflow package FL - Includes adjustable roof spoiler, side deflector and sun visor
- AUDIODAB** Audio System DAB
- **AUDIOPD** Audio Preparation DAB kit, incl. DAB-amplifier

Chassis

- **FST-PAR** 2 leaf front parabolic suspension (normal stiffness)
 - **FAL7.1** Front axle design capacity 7.1 tonnes
 - FAL7.5** Front axle design capacity 7.5 tonnes
 - FAL8.0** Front axle design capacity 8.0 tonnes
 - FAL9.0** Front axle load 9.0 tonnes
- **RAL21** Rear bogie design capacity 21 tonnes
- **RSTAB1** Rear stabilizer with normal stiffness
- EBS-MED** EBS (Electronic Brake System) medium package incl. traction control system (TCS) and hill start aid
- **EBS-STD** EBS (Electronic Brake System) standard package (without traction control)
- **RST-PAR1** Three leaf parabolic suspension with normal stiffness
- **ABS** Lock free brakes
- **FRAME300** Frame rail section external height 300 mm

- **FST8080** Frame section thickness - web 8.0 mm / flange 8.0 mm
- FIL-FBEB** Frame inner liner from bogie front to bogie end
- FIL-FBEF** Frame inner liner from bogie front to frame end
- FIL-TXEB** Frame inner liner from transmission member to bogie end
- FIL-TXEF** Frame inner liner from transmission member to frame end
- **2BATT170** Batteries 2x170 Ah
- 2BATT225** Batteries 2x225 Ah
- ADR2** ADR adaptation, transportation of dangerous goods, 2 switches
- **R160A56** Right 160 litre aluminium 560 mm high D-shaped diesel tank. Usable volume is 97% of stated volume.
 - Min volume 160l
 - Max volume 630l
- **UL-FUEL** Without left diesel tank
- **ADTP-R** AdBlue tank mounted on right hand side
- **WHC-FIX1** One fixed wheel chock
- WHC-FIX2** Two fixed wheel chocks
- TB-L33** Toolbox 58 litre on the left hand side - width 330 mm, height 310 mm, depth 660 mm
- TB-L75** Toolbox 106 litre on the left hand side - width 755 mm, height 430 mm, depth 550 mm
- TOWMBRH** High mounted towing member, in centre of frame
- **RFEC-S** Rear frame end, straight cut (for regular platform applications)
 - C-RI4040** Towing coupling Ringfeder 4040 G-150
 - C-RI5055** Towing coupling Ringfeder 5055 G-150
 - C-RO400G** Towing coupling Rockinger 400 G-150
 - C-RO430G** Towing coupling Rockinger 430 G-150
 - C-RO50** Towing coupling Rockinger 50 mm
- TOWR-ONE** One rear towing device in frame end cross member
- TBC-EC** Trailer brake connection, European Community
- TRBR-STA** Stationary trailer brake control
- RUP-FIX2** Fixed rear underrun protection, EC approved
- RFEND-B** Rear axle 3 piece fenders with anti-spray function
- **RFEND-T** Transport mounted one-piece rear fenders, only for Jockey transport
- RFH-103** Rear fender installation with quarter fender height 103 mm from bottom of rail
- RFH-BAS** Optimal rear fender installation with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height.
- RFH-HIG** Highest fender installation - suitable for rough road conditions
- RFH-LOW** Lower rear fender installation - suitable only for smooth road conditions
- ATANK-AL** Aluminium air tank
- **ATANK-ST** Steel air tank
- FRACLOS** Frame end closing
- 2024GSR** General safety regulations 2024

Rims and tyres

- RT-AL** Brushed aluminium rims with std holes (long stud fixing) on all axles
- RT-ALDP** Dura-Bright aluminium rims with std holes (long stud fixing) on all axles
- RT-ALP** Polished aluminium rims with std holes (long stud fixing) on all axles
- **RT-STEEL** Steel rims on all axles
- **SPWT-F** Spare wheel with tyre equal to front wheel
- SWCP-R** Spare wheel carrier mounted behind rear axle and below frame
- SWCP-T** Spare wheel supplied temporarily strapped to chassis
- **SWCP-TP** Spare wheel carrier transport mounted with the spare wheel on top of the frame rails

Powertrain equipment

- Standard Equipment
- Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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MODEL RANGE

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<input type="checkbox"/> TP-BAS	standard software package supplied with the I-Shift	<input type="checkbox"/> HPG-F61	Hydraulic gearbox mounted pump F1-61, fixed displacement, single flow
<input type="checkbox"/> TP-DICON	adapts the gearbox's function to the specific conditions in the distribution and construction segmen	<input type="checkbox"/> HPG-F81	Hydraulic gearbox mounted pump F1-81, fixed displacement, single flow
<input type="checkbox"/> TP-FUEC	This software package is ideal for long-haul operations where strong emphasis is placed on fuel econ	<input type="checkbox"/> ETC	Electronic throttle control - dash mounted switch for PTO speed control
<input type="checkbox"/> APF-ENH	Enhanced PTO functions (Auto Neutral / Reverse Inhibit). Garbage - Auto Neutral working on parking brake.	Cab interior	
<input type="checkbox"/> APF-ENH2	Enhanced PTO functions (Auto Neutral / Reverse Inhibit). Garbage - Auto Neutral working on service brake.	<input checked="" type="checkbox"/> STWPOS-L	Left hand drive
<input checked="" type="checkbox"/> CS39A-O	Single plate clutch, plate diameter 395 mm	<input type="checkbox"/> STWPOS-R	Right hand drive
<input type="checkbox"/> CS43B-O	Single plate clutch, plate diameter 430 mm	<input checked="" type="checkbox"/> TAS-DIG4	version 2, one day digital tachograph, EC approved according to EU regulation 2020/1054
<input type="checkbox"/> TC-HWO	Oil cooler for hydraulic transmissions – water/oil	<input type="checkbox"/> IMMOBIL	Immobiliser
<input type="checkbox"/> TC-MWO	Basic performance oil cooler for mechanical transmissions - water/oil	<input type="checkbox"/> WARNLAMP	The portable warning lamp can be set out in the event of unplanned standstills and alerts other road users to be careful. It serves as hazard lights, producing either a flashing amber light or a steady white beam which can be adjusted from the rear of the lamp unit. The lamp is equipped with two 6 volt 2.4 watt bulbs and is supplied with five D-size batteries.
<input checked="" type="checkbox"/> AIRIN-HI	High air intake, mounted behind cab on left hand side	<input type="checkbox"/> ALARM-B	Burglar alarm - cab
<input type="checkbox"/> ACL1ST-S	Air cleaner with additional filter element	<input type="checkbox"/> WARNVEST	Warning vest. Fulfils European standard according to EN 471 class 2.
<input type="checkbox"/> CCV-C	Closed crankcase ventilation	<input checked="" type="checkbox"/> AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
<input checked="" type="checkbox"/> CCV-OX	Open crankcase ventilation with oil separator and a maintenance free gas centrifuge	<input type="checkbox"/> AIDKIT1B	First aid kit fulfilling German requirements containing instruction, scissors, triangular cotton bandages, gauze bandages, bandaging cloths, gauze dressings, adhesive bandage, protective gloves, adhesive tape, first aid packets, rescue sheet.
<input checked="" type="checkbox"/> AF-E	Electrically heated fuel filter	<input type="checkbox"/> CRUIS-E2	Cruise control with i-roll
<input checked="" type="checkbox"/> EST-AID	Engine start pre-heating element	<input type="checkbox"/> CRUISEC	Cruise control with switches in the steering wheel
<input type="checkbox"/> 220EBH08	Electrical engine block heater, 220V/0.8kW	Cab exterior	
<input type="checkbox"/> PTER-100	Rear engine mounted clutch independent power-take-off with flange connection (DIN 100 / ISO 7646)	<input type="checkbox"/> AUXFS	Extra foot step on both sides
<input type="checkbox"/> PTER-DIN	Rear engine mounted clutch independent PTO with splined shaft groove (female) for a close coupled pump (DIN 5462 / ISO 7653)	<input type="checkbox"/> CF-AFS	Foldable extra front cab foot-step
<input type="checkbox"/> PTER1400	Rear engine mounted clutch independent power-take-off with flange connection (SAE 1410 / ISO 7647)	<input type="checkbox"/> RCABS-A	Air rear cab suspension
<input type="checkbox"/> PR-HP4T	Rear gearbox mounted (top of torque converter) Hydrocar PTO with connection (DIN 5462 / ISO 7653) for pump (400 Nm)	<input checked="" type="checkbox"/> RCABS-M	Mechanical rear cab suspension
<input type="checkbox"/> PR-HP4TL	Rear gearbox mounted (top of converter) Hydrocar low speed PTO with connection (DIN 5462 / ISO 7653) for pump (400 Nm)	<input type="checkbox"/> AD-ROOFA	Adjustable roof air deflector
<input type="checkbox"/> PR-HP6TH	Rear gearbox mounted (top of converter) Hydrocar high speed PTO with connection (DIN 5462 / ISO 7653) for pump (600 Nm)	<input type="checkbox"/> AD-SIDES	Short cab side air deflectors
<input type="checkbox"/> PR-HP6TL	Rear gearbox mounted (top of converter) Hydrocar low speed PTO with connection (DIN 5462 / ISO 7653) for pump (600 Nm)	<input type="checkbox"/> HL-CLEAN	High pressure headlamp cleaner
<input type="checkbox"/> PTR-FH1	Rear gearbox mounted Hydrocar S81 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (800 Nm)	<input checked="" type="checkbox"/> HL-ADJ	Adjustable headlamps to adjust the height of the light beam
<input type="checkbox"/> PTR-FH2	Rear gearbox mounted Hydrocar S84 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (430 Nm)	<input checked="" type="checkbox"/> DRL-LED	V-shaped ("V-light") day running light (LED). Turned on low beam gives a dimmed "V-light".
<input type="checkbox"/> PTR-FH5	Rear gearbox mounted Hydrocar S88 PTO with flange connection (DIN 90 / ISO 7646) for propeller shaft (450 Nm)	<input type="checkbox"/> BEACON-P	Roof beacon lights wire preparation (two cable pass throughs)
<input type="checkbox"/> PTR-PH1	Rear gearbox mounted Hydrocar S81 PTO with connection (DIN 5462 / ISO 7653) for pump 800 Nm max. Exceptions for AT2412F: 1000 Nm max	<input type="checkbox"/> BEACONA2	2 amber beacon, roof mounted warning lamps
<input type="checkbox"/> PTR-PH2	Rear gearbox mounted Hydrocar S84 PTO with connection (DIN 5462 / ISO 7653) for pump (430 Nm)	<input checked="" type="checkbox"/> HORN-F1S	One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons.
<input type="checkbox"/> PTR-PH4	Rear gearbox mounted Hydrocar S88 PTO with connection (DIN 5462 / ISO 7653) for pump (450 Nm)	<input type="checkbox"/> HORN-R2S	Two roof mounted single tone chromed air horns
<input type="checkbox"/> PTR-PK	Electrical and solenoid prep kit for gearbox PTO	Superstructure preparations	
<input type="checkbox"/> PTR-ZF2	Rear gearbox mounted ZF PTO with flange connection (DIN 100 / ISO 7646) for prop shaft (410 Nm)	<input type="checkbox"/> FBA-BTF	Front body attachments for flexible body
<input type="checkbox"/> PTRD-D1D	Rear gearbox mounted double PTO with flange connection (DIN 120 / ISO 7646) for propeller shaft (550 Nm) and connection (DIN 5462 / ISO 7647) for pump (1000 Nm)	<input type="checkbox"/> FBA-BTSF	Front body attachments for semi-flexible body
<input type="checkbox"/> PTRA-PH1	Extra rear gearbox mounted PTO with double S81 connections (DIN 5462 / ISO 7653) for pump	<input type="checkbox"/> RBA-T1	Rear body attachments, plates
<input type="checkbox"/> PTRA-PH2	Extra rear gearbox mounted PTO with double S84 connections (DIN 5462 / ISO 7653) for pump	<input type="checkbox"/> RBA-T2	Rear body attachments, divided
<input type="checkbox"/> HPG-F101	Hydraulic gearbox mounted pump F1-101, fixed displacement, single flow	<input type="checkbox"/> HBA-FSFB	Holes for body attachments, flexible/semi-flexible body
<input type="checkbox"/> HPG-F41	Hydraulic gearbox mounted pump F1-41, fixed displacement, single flow	<input type="checkbox"/> TAILPREP	Tail lift preparation kit
<input type="checkbox"/> HPG-F51	Hydraulic gearbox mounted pump F1-51, fixed displacement, single flow	Services	
<input checked="" type="checkbox"/> Standard Equipment		<input checked="" type="checkbox"/> WVTA	Whole Vehicle Type Approved
<input type="checkbox"/> Optional Equipment			

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