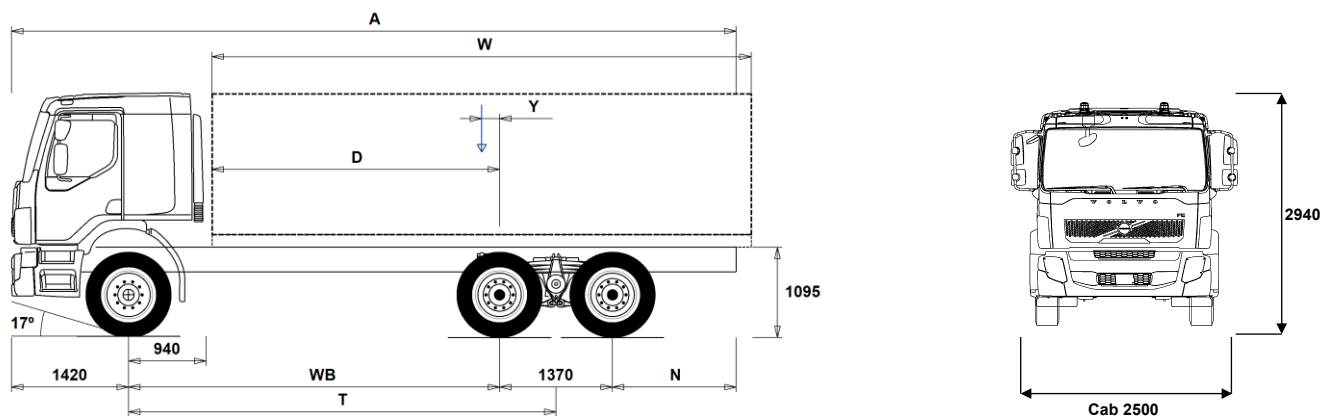


MODEL RANGE

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	2481	2831	3181	3481	3981	4481
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.)	-70	-15	38	70	140	206
Y Center of Gravity for Payload (Max.)	-70	-15	38	70	140	206
W Body Length (Min.)	5102	5693	6286	6821	7683	8550
W Body Length (Max.)	5102	5693	6286	6821	7683	8550

Chassis Weights [kg]

Front Axle	4085	4080	4085	4135	4160	4195
Rear Bogie	3510	3590	3680	3625	3680	3760
Kerb Weight	7595	7670	7765	7760	7840	7955
Payload (including body, driver, fuel, etc.)	20505	20430	20335	20340	20260	20145

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]

	Design
Gross Vehicle Weight	28100
Gross Combination Weight	44000
Front Axle	7100
Rear Bogie	21000

Important Notes

Chassis Dimensions

Front Axle to Back of Cab: -375 mm for CAB-DAY, -171 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 $\pm 3\%$.

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 FE64RB.

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Transport operation

- **TGW-4G**
- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **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 - two axles, both driving (B-ride)
- **FE-DAY2** FE Day cab new
- **FE-SLP2** FE Sleeper cab
- **FE-SSLP2** FE Comfort cab
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D8K280** Diesel engine, Euro 6, 7.7 litres, 280 hp/206 kW, 1050 Nm
- **D8K320** Diesel engine, Euro 6, 7.7 litres, 320 hp/235 kW, 1200 Nm
- **D8K350** Diesel engine, Euro 6, 7.7 litres, 350 hp/258 kW, 1400 Nm
- **EBR-CEB** Engine compression and exhaust brake
- **EBR-EPG** Engine brake with exhaust pressure governor
- **AL306** Automatic 6-speed gearbox, 1695 Nm
- **AT2412F** I-Shift automated 12-speed gearbox, 2400 Nm
- **ZTO1109** Manual 9-speed gearbox, 1200 Nm
- **RTH2180C**
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes

Packages

- **AUDIODAB** Audio system with DAB radio and DAB amplifier
- **AUDIOPD** Preparation kit for DAB radio, including DAB amplifier

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **RAL21** Rear axles load 21 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **RST-PAR1** Rear parabolic leaf springs
- **ABS**
- **FRAME300** Frame rail section external height 300 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-FBEB** Frame inner liner from front of bogie to end of bogie
- **FIL-FBEF** Frame inner liner from front of bogie to end of frame
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **R160A56** Right 160-litre, D-shaped aluminium fuel tank, 560 mm high
Min volume 160l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
- **ADTP-R** AdBlue tank on right hand side
- **WHC-FIX1** One non-collapsible wheel chock

■ 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.
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- **WHC-FIX2** Two non-collapsible wheel chocks
- **TB-L33** Tool box on left-hand side, 58-litre - width 330 mm, height 310 mm, depth 660 mm
- **TB-L75** Tool box on left-hand side, 106-litre - width 755 mm, height 430 mm, depth 550 mm
- **TOWMBRH** Towing member, high-mounted in centre of frame
- **RFEC-S** Straight-cut rear frame end
- **C-RI4040** Coupling Ringfeder 4040A G-150
- **C-RI5055** Coupling Ringfeder 5055A G-150
- **C-RO400G** Coupling Rockinger 400 G-150
- **C-RO430G** Towing coupling Rockinger 430 G-150
- **C-RO50** Coupling Rockinger 50 mm
- **TOWR-ONE** Rear towing device in frame-end cross member
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-STA** Stationary trailer brake check
- **RUP-FIX2**
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFEND-T** Transport mudguard
- **RFH-BAS** Basic mudguard installation height
- **RFH-HIG** High mudguard installation height
- **RFH-LOW** Low mudguard installation height
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks
- **FRACLOS** Frame end closing

Rims and tyres

- **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- **RT-ALDP** Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles
- **RT-STEEL** Steel rims on all axles
- **SPWT-F** Spare front wheel
- **SWCP-R** Spare wheel carrier mounted behind rear axle
- **SWCP-T** Spare wheel transport-mounted on top of frame
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame

Powertrain equipment

- **TP-BAS**
- **TP-DICON**
- **TP-FUEC** Gear-changing software for regional haul
- **APF-ENH** I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)
- **APF-ENH2** I-Shift with enhanced PTO functions (Auto neutral for service brake/Split box connection)
- **CS39A-O** Single-plate clutch, plate diameter 395 mm
- **CS43B-O** Single-plate clutch, plate diameter 430 mm
- **TC-HWO** Oil cooler for hydraulic transmissions – water/oil
- **TC-MWO** Basic performance cooler for manual/I-Shift gearboxes - water/oil
- **AIRIN-HI** High air inlet
- **ACL1ST-S** Air cleaner with extra filter element
- **CCV-C** Closed crankcase ventilation
- **CCV-OX** Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge
- **AF-E** Electrically heated fuel filter
- **EST-AID** Engine intake air heater
- **220EBH08** Engine block heater, 220 V, 0.8 kW
- **PTER-100** Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
- **PTER-DIN** Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653

MODEL RANGE

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☐ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647	☐ RCABS-A	Air rear cab suspension
☐ PR-HP4T	Rear gearbox (top of converter) PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm	☒ RCABS-M	Mechanical rear cab suspension
☐ PR-HP4TL	Rear gearbox (top of converter) low-speed PTO with connection DIN 5462/ISO 7653 for pump, 400 Nm	☐ AD-ROOFA	Adjustable roof air deflector
☐ PR-HP6TH	Rear gearbox (top of converter) high-speed PTO with connection DIN 5462/ISO 7653 for pump, 600 Nm	☐ AD-SIDES	Cab side air deflectors, short
☐ PR-HP6TL	Rear gearbox (top of converter) low-speed PTO, connection DIN 5462/ISO 7653 for pump, 600 Nm	☒ HL-CLEAN	High-pressure headlamp cleaner
☐ PTR-FH1	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft 800 Nm	☒ HL-ADJ	Manually adjustable headlamp beam
☐ PTR-FH2	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 430 Nm	☐ DRL-LED	Daytime running lamps (LED)
☐ PTR-FH5	Rear gearbox PTO with flange connection DIN 90/ISO 7646 for propshaft, 450 Nm	☐ BEACON-P	Preparation kit for roof beacons
☐ PTR-PH1	Rear gearbox PTO Hydrocar S81, connection DIN 5462/ISO 7653 for pump, 800 Nm	☐ BEACONA2	Two amber LED beacons on cab front roof
☐ PTR-PH2	Rear gearbox PTO Hydrocar S84, connection DIN 5462/ISO 765 for pump, 430 Nm	☒ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
☐ PTR-PH4	Rear gearbox PTO Hydrocar S88, connection DIN 5462/ISO 7653 for pump, 450 Nm	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☐ PTR-PK	Preparation kit for rear gearbox PTO	Superstructure preparations	
☐ PTR-ZF2	Rear gearbox PTO ZF, flange connection DIN 100/ISO 7646 for propshaft, 410 Nm	☐ FBA-BTF	Front body attachment brackets, lower, for flexible body
☐ PTRD-D1D	Rear gearbox dual PTO flange/propshaft DIN120/ISO7646, 550 Nm, pump DIN5462/ISO7647, 1000 Nm	☐ FBA-BTSF	Front body attachment brackets, lower, for semi-flexible body
☐ PTRA-PH1	Extra rear gearbox PTO with dual S81 connections DIN 5462/ISO 7653 for pump	☐ RBA-T1	Rear body attachment plates
☐ PTRA-PH2	Extra rear gearbox PTO with dual S84 connections DIN 5462/ISO 7653 for pump	☐ RBA-T2	Rear body attachment brackets, lower
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ HBA-FSFB	Holes for body attachments, flexible/semi-flexible body
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ TAILPREP	Tail lift preparation kit
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	Services	
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☒ WVTA	Whole Vehicle Type Approved
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow		
☒ ETC	PTO speed control 900-1500 rpm with dash-mounted switch		
Cab interior			
☒ STWPOS-L	Left-hand drive		
☐ STWPOS-R	Right-hand drive		
☐ TAS-DIG	One-day digital tachograph, EC approved (annex 1B regulation)		
☒ TAS-DIG4	Gen 4 one-day digital tachograph, EC approved (GNSS & DSRC, EU 2020/1054)		
☐ IMMOBIL	Immobiliser		
☐ WARNLAMP	Portable amber and white warning lamp with batteries		
☒ TSRS	Road sign recognition		
☐ TSRS2	Road sign recognition (not ISA compliant)		
☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2		
☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.		
☐ 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.		
☐ CRUIS-E2	Cruise control with I-Roll		
☐ CRUISEC			
Cab exterior			
☐ AUXFS	Extra footstep in cab side		
☐ CF-AFS	Retractable extra footstep in cab front bumper		

☒ Standard Equipment

☐ Optional Equipment

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