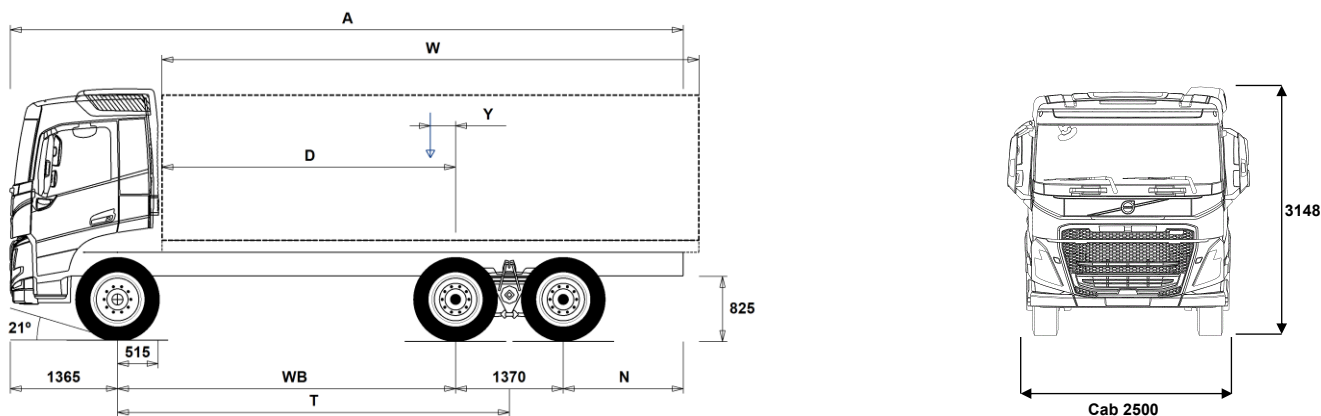


MODEL RANGE

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	7710	8010	8460	8760	9410	10560	10310	10810	11410
D Center of rear axle to front of body	2635	2835	3135	3335	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1875	2025	2125	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4385	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-190	-166	-130	-105	-58	-16	12	48	92
Y Center of Gravity for Payload (Max.)	-190	-166	-130	-105	-58	-16	12	48	92
W Body Length (Min.)	5650	5971	6451	6771	7411	7891	8371	8851	9491
W Body Length (Max.)	5650	5971	6451	6771	7411	7891	8371	8851	9491

Chassis Weights [kg]

Front Axle	4725	4735	4755	4765	4790	4785	4830	4840	4870
Rear Bogie	3585	3600	3625	3645	3700	3810	3765	3795	3840
Kerb Weight	8310	8335	8380	8410	8490	8595	8595	8635	8710
Payload (including body, driver, fuel, etc.)	25690	25665	25620	25590	25510	25405	25405	25365	25290

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	16100	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	15300	15900	16900	17500	18700	19600	20500	21500	22700

Plated Weights [kg]

Gross Vehicle Weight	34000
Gross Combination Weight	44000
Front Axle	8000
Rear Bogie	26000

Design

34000
44000
8000
26000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.
 D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 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. Chassis height used: CHH-HIGH.
 Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres:	315/80R22.5
Drive Axle Tyres:	315/80R22.5

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 FM64R3L.

MODEL RANGE

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L

Transport operation

- **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.
- **RC-VROUG** Very rough road conditions: more than 5% of the driven distance is on extremely poor roads or off-road.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-XHIG** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-TR1** Rear leaf suspension - two axles, both driving (max. technical bogie load 26 tonnes)
- **RADD-TR2** Rear leaf suspension - two axles, both driving (max. technical bogie load 32 tonnes)
- **CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
- **FM-CREW** FM crew cab (free-text CA needed)
- **FM-DAY6** FM day cab
- **FM-HSLP6** FM Globetrotter, high sleeper cab
- **FM-LDAY6** FM low day cab
- **FM-LSLP6** FM low sleeper cab
- **FM-SLP6** FM sleeper cab
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D13S420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13S460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13S500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13A380** Diesel engine, Euro 4, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13A400** Diesel engine, Euro 3, 12.8 litres, 400 hp/294 kW, 2000 Nm
- **D13A420** Diesel engine, Euro 4, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13A440** Diesel engine, Euro 3, 12.8 litres, 440 hp/324 kW, 2200 Nm
- **D13A460** Diesel engine, Euro 4, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13A480** Diesel engine, Euro 3, 12.8 litres, 480 hp/353 kW, 2400 Nm
- **D13A500** Diesel engine, Euro 4, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13K420** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
- **RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTH3210F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 100 tonnes, version F
- **RTH3212F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 120 tonnes, version F
- **RTH3312** Rear hub reduction tandem axle - bogie load 33 tonnes, GCW 120 tonnes
- **RTH3815** Rear hub reduction tandem axle - bogie load 38 tonnes, GCW 150 tonnes
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)

□ **PTO-HT20**

High-torque power take-off 2000 Nm (free-text CA needed)

Packages

- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PAR5** Four-leaf front parabolic springs (extra stiff)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **RAL32** Rear axles load 32 tonnes
- **RAL38** Rear axles load 38 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSAP2** Heavy duty rear suspension application (with reinforcements)
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSP-FIX** Power steering pump with fixed displacement
- **PSP-VAR** Power steering pump with variable displacement
- **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-MUL** Rear multi-leaf springs
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **FIL-FBEB** Frame inner liner from front of bogie to end of bogie
- **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
- **BBOX-L** Battery box on left-hand side
- **BATS-S** Single battery system (2 batteries)
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- **ADR1** ADR adaptation, 1 switch in dashboard
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **MSWI-A** ADR main switch
- **MSWI-C** Main switch on chassis
- **MSWI-R** Key remote controlled main switch
- **R365A71** Right 365-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 285l
Max volume 810l
- **UL-FUEL** Without left side fuel tank

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L

	Min volume 160l Max volume 730l		
□ ADTP-L ■ ADTP-R	AdBlue tank on left hand side AdBlue tank on right hand side	□ TREL-PK □ TREL14 □ TREL15 □ TREL7 □ TREL7-7	Trailer electrical preparation kit (chassis/cab wiring) 14-pin trailer connection 15-pin trailer connection (ADR certified) 7-pin trailer connection (ISO 24N) 2x7-pin trailer connection (ISO 24N+24S, non-ADR)
□ ADB048 ■ ADB064 □ ADB068 □ ADB083 □ ADB090 □ ADB100 □ ADB112	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side	□ TBC-DUO □ TBC-EC □ TRBR-HCF □ TRBR-HCR □ TRBR-STA □ TRB-STRE	Trailer brake connection, Duomatic Trailer brake connection, European Community Full-pressure, hand-controlled trailer brake check (8 bar) Reduced-pressure, hand-controlled trailer brake check (4 bar) Stationary trailer brake check Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
■ FCAP-L □ FUFF-AS □ FUFF-ATS ■ ESH-REAR ■ ESH-RIGH □ ESH-VERT □ ESV-VERT □ EXST-SSP □ EXST-ST □ WHC-FIX2 □ WHC-FOL2 □ WHCP-F □ WHCP-M □ WHCP-R □ WHCP-T	Lockable diesel and AdBlue filler caps Fuel filling anti-spillage device Fuel filling anti-theft and anti-spillage device Horizontal silencer, rear exhaust outlet Horizontal silencer, right exhaust outlet Horizontal silencer, vertical exhaust outlet on right-hand side Vertical silencer, vertical exhaust outlet on right-hand side Vertical exhaust top pipe, bright polished stainless steel Vertical exhaust top pipe, aluminised steel Two non-collapsible wheel chocks Two collapsible wheel chocks Wheel chock holder in the front part of the vehicle Wheel chock holder in the middle part of the vehicle Wheel chock holder in the rear part of the vehicle Wheel chock holder by-packed in cab outer luggage compartment	□ RUP-FOLD □ RFEND-B □ RFEND-T □ RFH-BAS □ RFH-HIG □ RFH-LOW □ ATANK-AL ■ ATANK-ST □ REST-RUP □ TL-LED	Rear 3-piece mudguards (anti-spray) on all rear axles Transport mudguard Basic mudguard installation height on 2nd front axle and rear axles High mudguard installation height on 2nd front axle and rear axles Low mudguard installation height on 2nd front axle and rear axles Aluminium air tanks Steel air tanks Reflective red stripe on rear underrun protection LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
□ TB-L80 □ TB-R80 □ SUP-BAS □ SUP-LOW □ CHAIN-S ■ TOWF-NO1 □ TOWF-NO2 □ TOWMBRH □ TOWMBRL1 □ TOWMBRM □ RFEC-L ■ RFEC-S □ RFEC-U □ C-RI4040 □ C-RI4045 □ C-RI5050 □ C-RO400G □ C-RO50 □ C-VBG520 □ C-VBG795 □ TOWR-ONE	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm Standard side underrun protection, aluminium Low side underrun protection, aluminium Snow chains One front towing device Two front towing devices Towing member, high-mounted in centre of frame Towing member, low-mounted under frame Towing member, medium-mounted in line with lower frame flange Tapered lower rear frame end (for centre axle drawbar) Straight-cut rear frame end Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications) Coupling Ringfeder 4040A G-150 Coupling Ringfeder 4045A G-150 Coupling Ringfeder 5050A G-150 Coupling Rockinger 400 G-150 Coupling Rockinger 50 mm Coupling VBG 5200D Coupling VBG 795V Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.	■ BLIGHT-E □ FRACLOS	Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s ² or more. The function deactivates when retardation is less than 2.5 m/s ² . Frame end closing
Rims and tyres			
		□ RT-AL □ RT-AL1 □ RT-AL1DU □ RT-ALDP □ RT-ALDPD □ RT-ALDU ■ RT-STEEL □ WCAP □ SPWT-D □ SPWT-F □ SWCP-LF □ SWCP-R □ SWCP-T □ SWCP-TP □ JACK-12T ■ JACK-20T	Brushed aluminium rims with standard holes (long stud fixing) on all axles LvL ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles LvL ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles Brushed aluminium rims with countersunk holes (short stud fixing) on all axles Steel rims on all axles Wheel caps Spare driving wheel Spare front wheel Spare wheel carrier on left side in front of rear axle Spare wheel carrier mounted behind rear axle Spare wheel transport-mounted on top of frame Spare wheel and carrier transport-mounted on top of frame Hydraulic jack, 12 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. Height 180-315 mm, weight 7.0 kg Hydraulic jack, 20 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. For FM: Height 190-325 mm, weight 10.5 kg

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L

	For FH: height 240-467 mm, weight 13.3. kg		
■ TOOLKIT	This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer.	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
□ GAUGE-TP	Tyre pressure gauge	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
Powertrain equipment		□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
□ TRAP-HD	Reinforced gearbox range housing	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
■ DRM-E	I-Shift drive mode Economy	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ PVT-BAS	I-See	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
■ CRUIS-E	I-Cruise cruise control, I-Roll included	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
□ RET-TP	Gearbox-mounted Powertronic primary retarder	□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
■ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
□ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
□ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	□ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
■ AIRIN-HI	High air inlet	□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
□ AIRIN-LO	Low air inlet	□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
■ ACL1ST-S	Air cleaner with extra filter element	□ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
■ 24A110BL	Alternator 110 Ampere	□ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
□ 24A150BL	Alternator 150 Ampere	□ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
□ 24A180BL	Alternator 180 Ampere	□ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
□ 24AL110B	Alternator 110 Ampere	□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
□ 24AL150B	Alternator 150 Ampere		
■ CCV-C	Closed crankcase ventilation	Cab Interior, Driving	
□ CCV-O	Open crankcase ventilation	■ STWPOS-L	Left-hand drive
■ PRIM-MAN	Manual priming pump for removal of air in the fuel system	■ STWPOS-R	Right-hand drive
□ FUEQ-EH	Fuel line electric heater	□ STWM-LE	Steering wheel material leather
□ AF-E	Electrically heated fuel filter	□ STGW-AD2	Manually adjustable steering wheel with neck tilt
■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	■ STGW-ADJ	Manually adjustable steering wheel
□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)	□ AIRBAG	Airbag on driver's side
□ EST-AID	Engine intake air heater	□ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
□ 220EBH15	Engine block heater, 220 V, 1.5 kW	□ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)
		□ 1DAYB	One-day analogue tachograph, basic
		□ ARSL	Additional, temporary road speed limiter control (switch in dashboard)

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L

☐ SPEED-DU	Dual speed limiter	☐ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
☒ ACCLF-D	Volvo torque assist - Disabled	☐ DST-STD2	Driver's seat Standard, belt in seat
☐ ACCLF-E	Volvo torque assist - Enabled	☒ SBD-RED	Red safety belts, passenger and driver seats
☒ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☐ SBPRE-DS	Driver's seat belt pretensioner
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	☒ PST-BAS1	Passenger seat Basic, non-suspended
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☐ PST-CF4	Passenger seat Comfort, suspended, belt in seat
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ PST-STD2	Passenger seat Regular, non-suspended
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping	☐ PST-STD4	Passenger seat Regular, suspended
☐ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	☐ SBPRE-PS	Passenger seat belt pretensioner
☐ LCS4	Side Collision Avoidance Support, side collision warning, both sides	☐ ARMRE-BB	Two armrests on both driver's and passenger seats
☐ DAS-W	Driver Alert Support	☐ ARMRE-DB	Two armrests on driver's seat
☐ RSENS-W	Wipers rain sensor	☐ ARMRE-PB	Two armrests on passenger seat
☐ CU-ECC	Automatic climate control with sun sensor	☐ ARU-BAS	Vinyl armrest upholstery
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☐ ARU-LEA	Leather armrest upholstery
☒ CU-MCC	Manual climate control (heater/cooler function)	☒ FMAT-RUB	Black rubber floor mats
☐ IGT-BUT	Push button ignition	☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
☐ IMMOBIL	Immobiliser	☐ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☐ PHONE-PK		☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☐ ISUNF-B		☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ ISUNF-MD		☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	☐ PH-CAB2	Cab parking heater, 2 kW
☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	☐ ETSB-F	Storage at front of engine tunnel
☐ BUPALARM	Reversing warning	☐ ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall
☐ REMC-MF	Wireless remote control, multi-functional	☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall
☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
☒ WARNTRI2	Two warning triangles	☐ REF-ICPK	Preparation kit for refrigerator
☒ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	☐ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
☐ AIDKIT1C	First aid kit fulfilling Indian requirements	☐ BOTH-D	One bottle holder under dashboard centre section
☐ WARNLAMP	Portable amber and white warning lamp with batteries	☐ COFMA-PK	Preparation kit (24 V) for coffee maker
☐ LAMP-IN	Inspection lamp with 10 m cable	☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
☐ BULBKIT	Bulb and fuse kit	☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
☒ WRITEPAD	Writing pad with paper clamp	☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
Cab Interior, Living		☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
☒ DST-CF1	Driver's seat Comfort	☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
☐ DST-CF4	Driver's seat Comfort, belt in seat	☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
☐ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
☐ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
		☐ GLAS-TIN	Tinted windows

☒ 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

FM D13 64 Rigid Diesel Rear Leaf FM 64R 3L

■ GLAS-UNT	Untinted windows	■ CABPT-R2	Two front cab roof pass-throughs, one on each side
□ AWIND-RF	Fixed window in back of cab (without curtains)	□ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
□ VANMIR	Vanity mirror in front shelf lid	□ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
□ AS-FUS	One extra shelf in each of the two front upper storage compartments	□ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
□ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	□ ROS-IL	Roof sign illumination
		□ ROS-IL2	Preparation kit for installation of roof sign illumination
		□ ROS-ILP	Wiring kit for roof sign illumination
		□ CSGN-GTR	Globetrotter decal in the roof sign box
		□ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
		□ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
		□ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
		□ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
		□ ACCBP-F	Accessory bracket mounted on front roof
		□ ACCBP-FM	Accessory brackets mounted on front roof and midroof
		□ ACCBP-FR	Accessory brackets mounted on front and rear roof
		□ ACCBP-M	Accessory bracket mounted on midroof
		□ ACCBP-R	Accessory brackets mounted on mid-roof and rear roof
		□ ACCBP-RM	Accessory bracket mounted on rear roof
Cab exterior		Superstructure preparations	
■ EXTL-BAS	Exterior trim level basic	□ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
■ DGLAS-H	Tempered door window glass	□ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
□ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	□ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
□ BUMP-B	Plastic front bumper	□ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
■ BUMP-B2	Steel front bumper	□ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
□ BUMP-SP	Front bumper spoiler	□ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
■ GUARD-EH	Guard plate for cooling pipes and oil sump	□ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	□ WLC-H2A	
□ CTILTP-E	Electric cab tilt pump	□ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
■ CTILTP-M	Manual cab tilt pump	□ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
□ FCABS-A	Air front cab suspension	□ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
■ FCABS-M	Mechanical front cab suspension	□ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
□ RCABS-A	Air rear cab suspension	□ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
■ RCABS-M	Mechanical rear cab suspension	□ ECBB-BAS	Body builder electrical centre, prepared for body builder module
□ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	□ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
□ MIRCMCP	Camera Monitor System and passenger corner camera	■ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
□ MIRCMS	Camera Monitor System	□ BBCHAS1	One 7-pole bodywork connector on chassis
■ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	□ BBCHAS3	Three 7-pole bodywork connectors on chassis
■ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	□ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
□ SUNV-H	Exterior front sun visor, transparent dark-grey	□ EXSTER	Support for external steering control via body builder module
□ AD-ROOF	Roof air deflector	□ TD-LED	Trailer detection with LED sensor
□ AD-SIDES	Cab side air deflectors, short	□ FRFS-B5	Frame rail free space on both sides to give space for crane legs or other equipment
■ HL-BASIC	Halogen H7 headlamps	□ FBA-BTF	Front body attachment brackets, lower, for flexible body
□ HL-LED	LED headlamps	□ FBA-BTSP	Front body attachment brackets, lower, for semi-flexible body
□ HL-LED3	LED headlamps with adaptive high beam	■ HBA-FSFB	Holes for body attachments, flexible/semi-flexible body
□ HBDA-A	Automatic main beam deactivation and reactivation	□ HBA-SB	Holes for body attachments, stiff body
□ HL-CLEAN	High-pressure headlamp cleaner		
□ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)		
□ HL-ADJ	Manually adjustable headlamp beam		
■ DRL-LED	Daytime running lamps (LED)		
□ UDRL	Without daytime running lamps (LED)		
□ DRIVL2	Extra main beam		
■ UDRIVL	Without extra main beam		
□ FOGL-WC	White front fog lamps		
□ CL-STAT	Static cornering lights		
□ ASL-RF2	Two LED spot lamps in sign box		
□ IDLAMP-A	Three amber identification lamps on mid front roof		
□ IDLAMP-W	Three white identification lamps on mid front roof		
□ IDLMP5W	Switch in cab for identification lamps		
□ BEACOA2F	Two amber LED beacons on cab front roof		
□ BEACOA2R	Two amber LED beacons on cab rear roof		
□ BEACON-P	Preparation kit for roof beacons		
□ CABPT-R1	One front cab roof pass-through on passenger side		

■ Standard Equipment

□ Optional Equipment

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- **RBA-T2** Rear body attachment brackets, lower
- **CRANEPK1** Frame-mounted crane interface plates, up to 10 tonne-metres
- **CRANEPK2** Frame-mounted crane interface plates, up to 20 tonne-metres
- **CRANEPK4** Frame-mounted crane interface plates, up to 40 tonne-metres
- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit
- **AESW2** 2 bistable bodywork switches (marked AUX1/AUX2)
- **AESW2PK** 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
- **AUXSW-4** Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **TSRS** Road sign recognition
- **TSRS2** Road sign recognition (not ISA compliant)

Volvo Trucks. Driving Progress