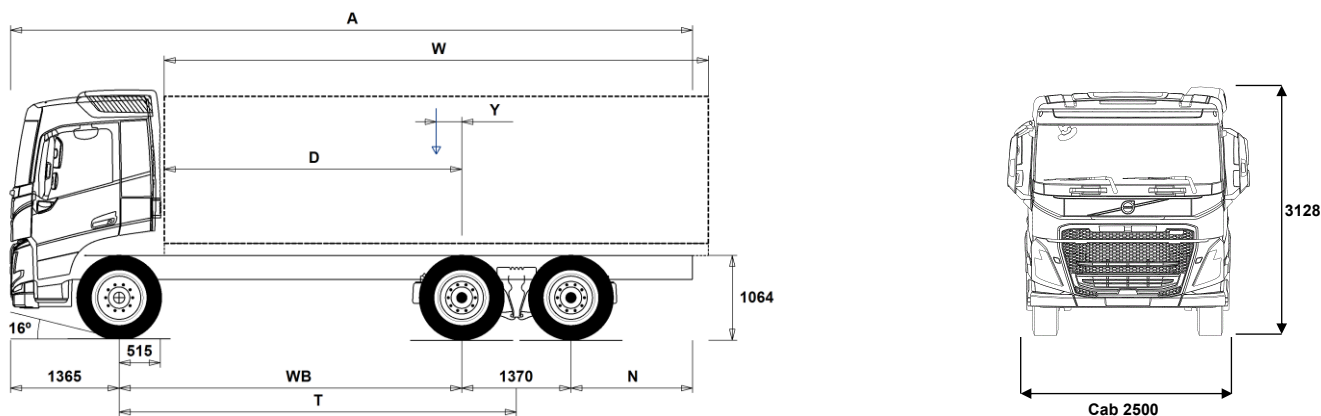


MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	7710	7310	8760	9410	10560	10310	10810	11410
D Center of rear axle to front of body	2635	2835	3335	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1175	2125	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-75	-52	30	88	141	175	220	275
Y Center of Gravity for Payload (Max.)	-75	-52	30	88	141	175	220	275
W Body Length (Min.)	5420	5773	6610	7293	7787	8318	8830	9491
W Body Length (Max.)	5420	5773	6610	7293	7787	8318	8830	9491

Chassis Weights [kg]

Front Axle	4720	4760	4760	4790	4780	4825	4840	4870
Rear Bogie	3400	3350	3460	3520	3625	3580	3610	3655
Kerb Weight	8120	8110	8220	8310	8405	8405	8450	8525
Payload (including body, driver, fuel, etc.)	20880	20890	20780	20690	20595	20595	20550	20475

Turning Diameter [mm]

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

Plated Weights [kg]

	Design
Gross Vehicle Weight	29000
Gross Combination Weight	44000
Front Axle	8000
Rear Bogie	21000

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.
 Height change when chassis height CHH-MED,FRAME300: 0 mm.

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 FM64R3A.

MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

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.
- **SWAPBODY** Swap body vehicle preparation
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-G2** Rear air suspension - two axles, both driving, high ground clearance
- **RADD-GR** Rear air suspension - two axles, both driving
- **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
- **TAAXLIFT** Tandem Axle Lift for driven bogie axle
- **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
- **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

- Standard Equipment
- Optional Equipment

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

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- **FST-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FSLs-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FSLs-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- **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
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **ASF-DL1** Air suspension with one ride height
- **ASF-DL3** Air suspension with three ride heights
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-SING** Single power steering system
- **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-AIR** Rear air springs
- **RST-AIR6** Rear air springs for hot climates
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 mm
- **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

MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

☐ ADR1	ADR adaptation, 1 switch in dashboard	☐ C-RI4045	Coupling Ringfeder 4045A G-150
☐ ADR2	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	☐ C-RI5050	Coupling Ringfeder 5050A G-150
		☐ C-RO400G	Coupling Rockinger 400 G-150
☐ MSWI-A	ADR main switch	☐ C-RO50	Coupling Rockinger 50 mm
☒ MSWI-C	Main switch on chassis	☐ C-VBG520	Coupling VBG 5200D
☐ MSWI-R	Key remote controlled main switch	☐ C-VBG795	Coupling VBG 795V
☒ R405A71	Right 405-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 285l Max volume 810l	☐ TOWR-ONE	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.
☒ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 730l		
☐ ADTP-L	AdBlue tank on left hand side	☐ TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
☒ ADTP-R	AdBlue tank on right hand side	☐ TREL14	14-pin trailer connection
☐ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	☐ TREL15	15-pin trailer connection (ADR certified)
☒ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	☐ TREL7	7-pin trailer connection (ISO 24N)
☐ ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	☐ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
☐ ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	☐ TBC-DUO	Trailer brake connection, Duomatic
☐ ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	☐ TBC-EC	Trailer brake connection, European Community
☐ ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side	☐ TRBR-HCF	Full-pressure, hand-controlled trailer brake check (8 bar)
☐ ADB112	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side	☐ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
☒ FCAP-L	Lockable diesel and AdBlue filler caps	☐ TRBR-STA	Stationary trailer brake check
☐ FUFF-AS	Fuel filling anti-spillage device	☐ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
☐ FUFF-ATS	Fuel filling anti-theft and anti-spillage device		
☐ ESH-REAR	Horizontal silencer, rear exhaust outlet	☐ RUP-FOLD	
☒ ESH-RIGH	Horizontal silencer, right exhaust outlet	☐ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
☐ ESH-VERT	Horizontal silencer, vertical exhaust outlet on right-hand side	☐ RFEND-T	Transport mudguard
☐ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side	☐ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
☐ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel	☐ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
☐ EXST-ST	Vertical exhaust top pipe, aluminised steel	☐ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
☐ WHC-FIX2	Two non-collapsible wheel chocks	☐ ATANK-AL	Aluminium air tanks
☐ WHC-FOL2	Two collapsible wheel chocks	☒ ATANK-ST	Steel air tanks
☐ WHCP-F	Wheel chock holder in the front part of the vehicle	☐ REST-RUP	Reflective red stripe on rear underrun protection
☐ WHCP-M	Wheel chock holder in the middle part of the vehicle	☐ TL-LED	LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
☐ WHCP-R	Wheel chock holder in the rear part of the vehicle	☒ BLIGHT-E	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 .
☐ WHCP-T	Wheel chock holder by-packed in cab outer luggage compartment	☐ FRACLOS	Frame end closing
☐ TB-L80	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
☐ TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
☐ SUP-BAS	Standard side underrun protection, aluminium		
☐ SUP-LOW	Low side underrun protection, aluminium		
☐ CHAIN-S	Snow chains		
☒ TOWF-NO1	One front towing device		
☐ TOWF-NO2	Two front towing devices		
☐ TOWMBRH	Towing member, high-mounted in centre of frame		
☐ TOWMBRL1	Towing member, low-mounted under frame		
☐ TOWMBRL2	Towing member, low and forward-mounted under frame		
☐ TOWMBRL3	Towing member, low and far-forward-mounted under frame		
☐ TOWMBRM	Towing member, medium-mounted in line with lower frame flange		
☐ RFEC-L	Tapered lower rear frame end (for centre axle drawbar)		
☒ RFEC-S	Straight-cut rear frame end		
☐ RFEC-U	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)		
☐ C-RI4040	Coupling Ringfeder 4040A G-150		

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

☐ SWCP-TP	Spare wheel and carrier transport-mounted on top of frame	☐ FUEQ-EH	Fuel line electric heater
☐ JACK-12T	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	☐ AF-E	Electrically heated fuel filter
☒ JACK-20T	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 For FH: height 240-467 mm, weight 13.3 kg	☒ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
☒ 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.	☐ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
☐ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	☐ EST-AID	Engine intake air heater
☐ GAUGE-TP	Tyre pressure gauge	☐ 220EBH15	Engine block heater, 220 V, 1.5 kW
Powertrain equipment		☐ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
☐ TRAP-HD	Reinforced gearbox range housing	☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
☒ DRM-BE	I-Shift drive modes Economy, Standard and Performance	☐ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
☐ DRM-E	I-Shift drive mode Economy	☐ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
☐ PVT-BAS	I-See	☐ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
☒ CRUIS-E	I-Cruise cruise control, I-Roll included	☐ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
☐ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
☐ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
☐ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	☐ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
☐ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	☐ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
☐ TC-HWO	Cooler for hydraulic gearboxes - water/oil	☐ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
☒ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	☐ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
☐ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
☐ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☒ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
☒ AIRIN-HI	High air inlet	☐ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☐ AIRIN-LO	Low air inlet	☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☒ ACL1ST-S	Air cleaner with extra filter element	☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
☒ 24A110BL	Alternator 110 Ampere	☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
☐ 24A150BL	Alternator 150 Ampere	☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
☐ 24A180BL	Alternator 180 Ampere	☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
☐ 24AL110B	Alternator 110 Ampere	☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
☐ 24AL150B	Alternator 150 Ampere	☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
☒ CCV-C	Closed crankcase ventilation	☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
☐ CCV-O	Open crankcase ventilation	☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
☒ PRIM-MAN	Manual priming pump for removal of air in the fuel system	☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
		Cab Interior, Driving	
		☐ STWPOS-L	Left-hand drive
		☒ STWPOS-R	Right-hand drive
		☐ STWM-LE	Steering wheel material leather
		☐ STGW-AD2	Manually adjustable steering wheel with neck tilt

☒ Standard Equipment

☐ Optional Equipment

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FM D13 64 Rigid Diesel Rear Air FM 64R 3A

■ STGW-ADJ	Manually adjustable steering wheel	□ LAMP-IN	Inspection lamp with 10 m cable
□ AIRBAG	Airbag on driver's side	□ BULBKIT	Bulb and fuse kit
□ DRC-AMM	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	■ WRITEPAD	Writing pad with paper clamp
□ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	Cab Interior, Living	
□ 1DAYB	One-day analogue tachograph, basic	■ DST-CF1	Driver's seat Comfort
□ ARSL	Additional, temporary road speed limiter control (switch in dashboard)	□ DST-CF4	Driver's seat Comfort, belt in seat
□ SPEED-DU	Dual speed limiter	□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
■ ACCLF-D	Volvo torque assist - Disabled	□ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
□ ACCLF-E	Volvo torque assist - Enabled	□ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
■ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	□ DST-STD2	Driver's seat Standard, belt in seat
□ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	■ SBD-RED	Red safety belts, passenger and driver seats
□ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	□ SBPRE-DS	Driver's seat belt pretensioner
□ HWSS-FCB	Collision Warning with Emergency Brake (forward)	■ PST-BAS1	Passenger seat Basic, non-suspended
□ LSS-DW	Lane Keeping Support - lane departure warning	□ PST-CF4	Passenger seat Comfort, suspended, belt in seat
□ LSS-DW3	Pilot Assist - active, continuous lane keeping	□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
□ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	□ PST-STD2	Passenger seat Regular, non-suspended
□ LCS4	Side Collision Avoidance Support, side collision warning, both sides	□ PST-STD4	Passenger seat Regular, suspended
□ DAS-W	Driver Alert Support	□ SBPRE-PS	Passenger seat belt pretensioner
□ RSENS-W	Wipers rain sensor	□ ARMRE-BB	Two armrests on both driver's and passenger seats
□ CU-ECC	Automatic climate control with sun sensor	□ ARMRE-DB	Two armrests on driver's seat
□ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	□ ARMRE-PB	Two armrests on passenger seat
■ CU-MCC	Manual climate control (heater/cooler function)	□ ARU-BAS	Vinyl armrest upholstery
□ IGT-BUT	Push button ignition	□ ARU-LEA	Leather armrest upholstery
□ IMMOBIL	Immobiliser	■ FMAT-RUB	Black rubber floor mats
□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	□ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
□ PHONE-PK		□ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	□ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	□ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
□ ISUNF-B		□ OLMAT-BA	Overlay mattress, 28 mm thick black textile
□ ISUNF-MD		□ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	□ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	□ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	□ PH-CAB2	Cab parking heater, 2 kW
□ BUPALARM	Reversing warning	□ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
□ LOADIND	Load indicator, shown in instrument display and side display	□ ETSB-F	Storage at front of engine tunnel
□ REMC-MF	Wireless remote control, multi-functional	□ ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall
■ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	□ ETSB-R	Storage at back of engine tunnel, against rear cab wall
□ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	□ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
■ WARNTRI2	Two warning triangles	□ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
■ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	□ REF-ICPK	Preparation kit for refrigerator
□ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	□ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
□ AIDKIT1C	First aid kit fulfilling Indian requirements	□ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
□ WARNLAMP	Portable amber and white warning lamp with batteries	□ BOTH-D	One bottle holder under dashboard centre section
■ Standard Equipment	□ Optional Equipment	□ COFMA-PK	Preparation kit (24 V) for coffee maker
		■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
		□ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
		□ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer

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 Air FM 64R 3A

▣ ARL-FLEX Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls ■ RH-EE Roof skylight/emergency exit, tinted glass (not a hatch) ▣ RH-ER Roof hatch, electrically operated, steel, with emergency exit handle ▣ RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm ▣ RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ▣ GLAS-TIN Tinted windows ■ GLAS-UNT Untinted windows ▣ AWIND-RF Fixed window in back of cab (without curtains) ▣ VANMIR Vanity mirror in front shelf lid ▣ AS-FUS One extra shelf in each of the two front upper storage compartments ▣ INFOT-PK Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	▣ IDLAMP-A Three amber identification lamps on mid front roof ▣ IDLAMP-W Three white identification lamps on mid front roof ▣ IDLMPSW 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-R2 Two front cab roof pass-throughs, one on each side ▣ SPOTP-F Preparation kit for spot lamp in cab front, max 280 W ▣ SPOTP-R Preparation kit for spot lamp in cab roof, max 280 W ▣ SPOTP-RF Preparation kit for spot lamp in cab roof and front, max 280 W ▣ 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	
■ EXTL-BAS Exterior trim level basic ■ DGLAS-H Tempered door window glass ▣ DGLAS-L Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation. ▣ BUMP-B Plastic front bumper ■ BUMP-B2 Steel front bumper ▣ BUMP-SP Front bumper spoiler ■ GUARD-EH Guard plate for cooling pipes and oil sump ■ BUGNET Insect screen (PVC-coated fibreglass) in front of radiator ▣ CTILTP-E Electric cab tilt pump ■ CTILTP-M Manual cab tilt pump ▣ FCABS-A Air front cab suspension ■ FCABS-M Mechanical front cab suspension ▣ RCABS-A Air rear cab suspension ■ RCABS-M Mechanical rear cab suspension ▣ MIRCFPCS Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH) ▣ MIRCMCP Camera Monitor System and passenger corner camera ▣ MIRCMS Camera Monitor System ■ MIRCOMF Rear-view and wide-angle mirrors (both sides), kerb observation mirror ■ AMIR-F20 Front close-view mirror above windscreen, passenger side (radius 200 mm) ▣ SUNV-H Exterior front sun visor, transparent dark-grey ▣ AD-ROOF Roof air deflector ▣ AD-SIDES Cab side air deflectors, short ■ HL-BASIC Halogen H7 headlamps ▣ HL-LED LED headlamps ▣ HL-LED3 LED headlamps with adaptive high beam ▣ HBDA-A Automatic main beam deactivation and reactivation ▣ 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 ▣ ASL-RF2 Two LED spot lamps in sign box	Superstructure preparations ▣ SRWL-2RW 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On) ▣ SRWL-PK Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On) ▣ SWL-2FW 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off) ▣ SWL-2RW 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side) ▣ SWL-4W 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off) ▣ SWL-PK Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off) ▣ WL-CHPK Preparation kit for work lamp (switch with cable to frame, by gearbox) ▣ WLC-H2A 2 white LED work lamps, high-mounted on back of cab (switch included) ▣ WLC-H2W Preparation kit (cables and switch) for work lamp inside or outside superstructure ▣ WLC-PKCH Preparation kit (cables and switch) for high-mounted work lamps on back of cab ▣ WLC-PKH Preparation kit (cables and switch) for low-mounted work lamps on back of cab ▣ WLC-PKL Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab ▣ WLC-PKLH Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab ▣ ECBB-BAS Body builder electrical centre, prepared for body builder module ▣ ECBB-HIG Body builder electrical centre, body builder module with 14 high and 4 low digital outlets ■ ECBB-MED Body builder electrical centre, body builder module with 7 high and 4 low digital outlets ▣ BBCHAS1 One 7-pole bodywork connector on chassis ▣ BBCHAS3 Three 7-pole bodywork connectors on chassis ▣ BEPR-T2 Bodywork electrical and software preparation for tipper with remote control ▣ EXSTER Support for external steering control via body builder module

■ Standard Equipment

▣ Optional Equipment

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MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

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- **TD-LED** Trailer detection with LED sensor
 - **FRFS-BS** Frame rail free space on both sides to give space for crane legs or other equipment
 - **FBA-BTF** Front body attachment brackets, lower, for flexible body
 - **FBA-BTSF** Front body attachment brackets, lower, for semi-flexible body
 - **HBA-FSFB** Holes for body attachments, flexible/semi-flexible body
 - **HBA-SB** Holes for body attachments, stiff body
 - **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