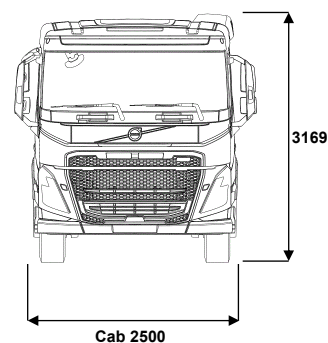
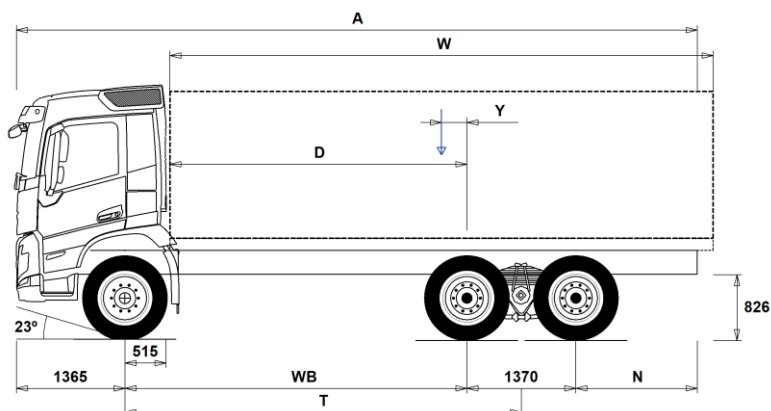


MODEL RANGE

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



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3900	4300	5600
A Overall Chassis Length	7710	8010	8760	9410	11410
D Center of rear axle to front of body	2635	2835	3335	3735	5035
N Rear Overhang (Min.)	825	825	825	825	1225
N Rear Overhang (Max.)	1775	1875	2125	2375	3075
T Theoretical Wheelbase	3885	4085	4585	4985	6285
Y Center of Gravity for Payload (Min.)	-281	-261	-212	-173	-50
Y Center of Gravity for Payload (Max.)	-281	-261	-212	-173	-50
W Body Length (Min.)	5651	5971	6771	7411	9491
W Body Length (Max.)	5651	5971	6771	7411	9491

Chassis Weights [kg]

Front Axle	4810	4820	4845	4870	4945
Rear Bogie	4450	4470	4525	4595	4760
Kerb Weight	9260	9290	9370	9465	9705
Payload (including body, driver, fuel, etc.)	30740	30710	30630	30535	30295

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	16100	17300	21300
Turning Circle Diameter Wall to Wall	15300	15900	17500	18700	22700

Plated Weights [kg]

	Design
Gross Vehicle Weight	40000
Gross Combination Weight	100000
Front Axle	8000
Rear Bogie	32000

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
- **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)
- **RADD-TR3** Rear leaf suspension - two axles, both driving (max. technical bogie load 38 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-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
- **D13C500** Diesel engine, Euro 5, 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-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **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
- **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
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes

Packages

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

■ Standard Equipment

□ Optional Equipment

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

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■ 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
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **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)
- **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
- **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
- **MSWI-C** Main switch on chassis
- **R365A71** Right 365-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 255l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
Min volume 330l
Max volume 330l
- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **ADB048** AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side
- **ADB064** AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side
- **ADB068** AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side
- **ADB083** AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side
- **ADB090** AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side
- **ADB112** AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side
- **FCAP-L** Lockable diesel and AdBlue filler caps
- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage device

MODEL RANGE

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

- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESH-RIGH** Horizontal silencer, right exhaust outlet
- **ESH-VERT** Horizontal silencer, vertical exhaust outlet on right-hand side
- **ESV-VERT** Vertical silencer, vertical exhaust outlet on right-hand side
- **EXST-SSP** Vertical exhaust top pipe, bright polished stainless steel
- **EXST-ST** Vertical exhaust top pipe, aluminised steel
- **WHC-FIX2** Two non-collapsible wheel chocks
- **WHC-FOL2** Two collapsible wheel chocks
- **WHCP-F** Wheel chock holder in the front part of the vehicle
- **WHCP-M** Wheel chock holder in the middle part of the vehicle
- **WHCP-R** Wheel chock holder in the rear part of the vehicle
- **WHCP-T** Wheel chock holder by-packed in cab outer luggage compartment
- **SUP-BAS** Standard 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
- **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
- **C-RI4045** Coupling Ringfeder 4045A G-150
- **C-RI5050** Coupling Ringfeder 5050A G-150
- **C-RO50** Coupling Rockinger 50 mm
- **C-VBG520** Coupling VBG 5200D
- **C-VBG795** Coupling VBG 795V
- **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.
- **TREL-PK** Trailer electrical preparation kit (chassis/cab wiring)
- **TREL14** 14-pin trailer connection
- **TREL15** 15-pin trailer connection (ADR certified)
- **TREL7** 7-pin trailer connection (ISO 24N)
- **TREL7-7** 2x7-pin trailer connection (ISO 24N+24S, non-ADR)
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-HCR** Reduced-pressure, hand-controlled trailer brake check (4 bar)
- **TRBR-STA** Stationary trailer brake check
- **TRB-STRE** Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFH-BAS** Basic mudguard installation height on 2nd front axle and rear axles
- **RFH-HIG** High mudguard installation height on 2nd front axle and rear axles
- **RFH-LOW** Low mudguard installation height on 2nd front axle and rear axles
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks
- **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)
- **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/s² or more. The function deactivates when retardation is less than 2.5 m/s².

Rims and tyres

- **RT-STEEL** Steel rims on all axles
- **WCAP** Wheel caps
- **SPWT-D** Spare driving wheel
- **SPWT-F** Spare front wheel
- **SWCP-LF** Spare wheel carrier on left side in front of rear axle
- **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
- **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
- **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.
- **INFLAHOS** Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).
- **GAUGE-TP** Tyre pressure gauge

Powertrain equipment

- **TRAP-HD** Reinforced gearbox range housing
- **DRM-BE** I-Shift drive modes Economy, Standard and Performance
- **DRM-E** I-Shift drive mode Economy
- **CRUIS-E** I-Cruise cruise control, I-Roll included
- **CRUIS-E5** I-Torque cruise control, optimized for fuel economy, I-Roll included
- **AMSO-AUT** I-Shift manual gear shifting available in automatic mode, including kick-down function
- **AVO-ENH** I-Shift with enhanced software for construction and off-road applications
- **APF-ENH** I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)
- **RET-TH** Gearbox-mounted, hydrodynamic oil retarder
- **TC-MAOH2** Extra high performance cooler for manual/I-shift gearboxes - air/oil
- **TC-MWOH2** High performance cooler for manual/I-Shift gearboxes - water/oil
- **2COM1080** Dual-cylinder air compressor 704 cc, 1080 l/min
- **2COM1100** Dual-cylinder air compressor 760 cc, 1100 l/min
- **2COMP870** Dual-cylinder, two-stage air compressor 560 cc, 870 l/min
- **2COMP900** Dual-cylinder air compressor 636 cc, 900 l/min
- **AIRIN-HI** High air inlet
- **AIRIN-LO** Low air inlet
- **ACL1ST-S** Air cleaner with extra filter element
- **24A110BL** Alternator 110 Ampere
- **24A150BL** Alternator 150 Ampere
- **24A180BL** Alternator 180 Ampere
- **24AL110B** Alternator 110 Ampere

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

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

☐ 24AL150B	Alternator 150 Ampere	☐ ARSL	Additional road speed limiter control (switch in dashboard)
☐ CCV-C	Closed crankcase ventilation	☒ ACCLF-D	Volvo torque assist - Disabled
☐ CCV-O	Open crankcase ventilation	☐ ACCLF-E	Volvo torque assist - Enabled
☐ PRIM-EL	Electrical priming pump for removal of air in the fuel system	☐ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
☒ PRIM-MAN	Manual priming pump for removal of air in the fuel system	☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off
☐ FUEQ-EH	Fuel line electric heater	☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
☐ AF-E	Electrically heated fuel filter	☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)
☒ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	☐ LSS-DW	Lane Keeping Support - lane departure warning
☐ EST-AID	Engine intake air heater	☐ LSS-DW3	Pilot Assist - active, continuous lane keeping
☐ 220EBH15	Engine block heater, 220 V, 1.5 kW	☐ DAS-W	Driver Alert Support
☐ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646	☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653	☒ CU-MCC	Manual climate control (heater/cooler function)
☐ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647	☐ IGT-BUT	Push-button ignition
☐ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred
☐ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow	☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred
☐ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow	☐ ISUNF-B	Interior roller blind, integrated in front shelf, electrically manoeuvred
☐ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow	☐ ISUNF-MD	Interior roller blind, integrated in front shelf, manually manoeuvred
☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow	☒ ISUNF-RE	Interior roller blind, integrated in front shelf, manually manoeuvred
☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow	☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow	☐ REMC-MF	Wireless remote control, multi-functional
☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm	☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☒ WARNTRI2	Two warning triangles
☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm	☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm	☐ AIDKIT1C	First aid kit fulfilling Indian requirements
☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm	☐ LAMP-IN	Inspection lamp with 10 m cable
☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm	☐ BULBKIT	Bulb and fuse kit
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ WRITEPAD	Writing pad with paper clamp
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	Cab Interior, Living	
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	☒ DST-CF1	Driver's seat Comfort
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☐ DST-CF4	Driver's seat Comfort, belt in seat
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	☒ SBD-RED	Red safety belts, passenger and driver seats
Cab Interior, Driving		☒ PST-BAS1	Passenger seat Basic, non-suspended
☒ STWPOS-R	Right-hand drive	☐ PST-STD2	Passenger seat Regular, non-suspended
☐ STWM-LE	Steering wheel material leather	☒ FMAT-RUB	Black rubber floor mats
☐ STGW-AD2	Manually adjustable steering wheel with neck tilt	☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
☒ STGW-ADJ	Manually adjustable steering wheel	☐ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
☒ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☐ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☐ 1DAYB	One-day analogue tachograph, basic	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
		☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile

☒ Standard Equipment

☐ Optional Equipment

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☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	☒ HL-BASIC	Halogen H7 headlamps
☐ PH-CAB2	Cab parking heater, 2 kW	☐ HL-LED	LED headlamps
☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)	☐ HL-LED3	LED headlamps with adaptive high beam
☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall	☐ HBDA-A	Automatic main beam deactivation and reactivation
☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)	☐ HL-CLEAN	High-pressure headlamp cleaner
☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)	☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)
☐ REF-ICPK	Preparation kit for refrigerator	☐ HL-ADJ	Manually adjustable headlamp beam
☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)	☒ DRL-LED	Daytime running lamps (LED)
☐ BOTH-D	One bottle holder under dashboard centre section	☐ UDRL	Without daytime running lamps
☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming	☐ DRIVL2	Extra main beam
☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	☒ UDRIVL	Without extra main beam
☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☒ FOGL-WC	White front fog lamps
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ CL-STAT	Static cornering lights
☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	☐ IDLAMP-A	Three amber identification lamps on mid front roof
☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	☐ IDLAMP-W	Three white identification lamps on mid front roof
☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	☐ BEACOA2F	Two amber LED beacons on cab front roof
☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	☐ BEACON-P	Preparation kit for roof beacons
☒ GLAS-TIN	Tinted windows	☐ CABPT-R1	One front cab roof pass-through on passenger side
☐ 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	☐ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
Cab exterior		☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☒ EXTL-BAS	Exterior trim level basic	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☒ DGLAS-H	Tempered door window glass	☐ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
☐ BUMP-B	Plastic front bumper	☐ ACCBP-F	Accessory bracket mounted on front roof
☒ BUMP-B2	Steel front bumper	☐ ACCBP-FM	Accessory brackets mounted on front roof and midroof
☐ BUMP-SP	Front bumper spoiler	☐ ACCBP-FR	Accessory brackets mounted on front and rear roof
☒ GUARD-EH	Guard plate for cooling pipes and oil sump	☐ ACCBP-M	Accessory bracket mounted on midroof
☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ ACCBP-R	Accessory brackets mounted on mid-roof and rear roof
☐ CTILT-P-E	Electric cab tilt pump	☐ ACCBP-RM	Accessory bracket mounted on rear roof
☒ CTILT-P-M	Manual cab tilt pump	Superstructure preparations	
☐ FCABS-A	Air front cab suspension	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
☒ FCABS-M	Mechanical front cab suspension	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ RCABS-A	Air rear cab suspension	☐ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
☒ RCABS-M	Mechanical rear cab suspension	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	☐ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
☐ MIRCMCP	Camera Monitor System and passenger corner camera	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☐ MIRCMS	Camera Monitor System	☐ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ WLC-H2A	
☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
☐ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
☐ AD-ROOF	Roof air deflector	☐ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
		☐ WLC-PKL	Preparation kit (cables and switch) for low-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

☒ Standard Equipment

☐ Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

MODEL RANGE

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

- **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
- **TD-LED** TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit".
- **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
- **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
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)