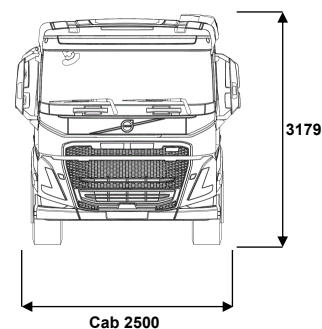
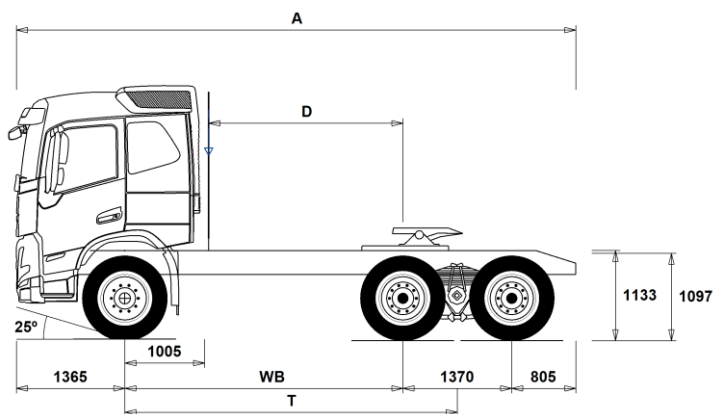


MODEL RANGE

FM D13 64 Tractor Diesel Rear Leaf FM 64T 3L



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3900
A Overall Chassis Length	6740	6940	7440
D Center of rear axle to back of cab	2145	2345	2845
T Theoretical Wheelbase	3885	4085	4585

Chassis Weights [kg]

Front Axle	5060	5085	5120
Rear Bogie	4340	4350	4365
Kerb Weight	9400	9435	9485

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	16100
Turning Circle Diameter Wall to Wall	15300	15900	17500

Plated Weights [kg]

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

Design

40000
100000
8000
32000

Important Notes

Chassis Dimensions

Cab Height: -16 mm for CAB-DAY, +312 mm for CAB-HSLP, -278 mm for CAB-LDAY, -278 mm for CAB-LSLP.

Front Axle to Back of Cab: -422 mm for CAB-DAY and CAB-LDAY.

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.

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 FM64T3L.

MODEL RANGE

FM D13 64 Tractor Diesel Rear Leaf FM 64T 3L

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **RADD-TR2** Rear leaf suspension - two axles, both driving (max. technical bogie load 32 tonnes)
- **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
- **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

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
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **RAL26** Rear axles load 26 tonnes
- **RAL32** Rear axles load 32 tonnes
- **RSAP2** Heavy duty rear suspension application (with reinforcements)
- **RSAP3** Mixed duty rear suspension application
- **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-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-TXEB** Frame inner liner from transmission cross member to end of bogie
- **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
- **R405SR71** Right 405-litre, cylindrical steel fuel tank, 710 mm diameter
Min volume 240l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
- **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
- **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-T** Wheel chock holder by-packed in cab outer luggage compartment
- **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
- **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.

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 64 Tractor Diesel Rear Leaf FM 64T 3L

- **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-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

■ Standard Equipment

□ Optional Equipment

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- **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
- **24AL150B** Alternator 150 Ampere
- **CCV-C** Closed crankcase ventilation
- **CCV-O** Open crankcase ventilation
- **PRIM-EL** Electrical priming pump for removal of air in the fuel system
- **PRIM-MAN** Manual priming pump for removal of air in the fuel system
- **FUEQ-EH** Fuel line electric heater
- **AF-E** Electrically heated fuel filter
- **FUEFE2LW** Large engine-mounted dual fuel filter with water separator and drain
- **EST-AID** Engine intake air heater
- **220EBH15** Engine block heater, 220 V, 1.5 kW
- **PTER-100** Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
- **PTER-DIN** Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
- **PTER1400** Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
- **HPE-F101** Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
- **HPE-F41** Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
- **HPE-F51** Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
- **HPE-F61** Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
- **HPE-F81** Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
- **HPE-T53** Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
- **HPE-T70** Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
- **HPE-V45** Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
- **HPE-V75** Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
- **PTR-D** Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
- **PTR-DH** Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
- **PTR-DM** Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
- **PTR-F** Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm

MODEL RANGE

FM D13 64 Tractor Diesel Rear Leaf FM 64T 3L

☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 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-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm	☐ AIDKIT1C	First aid kit fulfilling Indian requirements
☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm	☐ LAMP-IN	Inspection lamp with 10 m cable
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ BULBKIT	Bulb and fuse kit
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ WRITEPAD	Writing pad with paper clamp
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	Cab Interior, Living	
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☒ DST-CF1	Driver's seat Comfort
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	☒ DST-CF4	Driver's seat Comfort, belt in seat
Cab Interior, Driving		☒ SBD-RED	Red safety belts, passenger and driver seats
☒ STWPOS-R	Right-hand drive	☒ PST-BAS1	Passenger seat Basic, 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
☐ ARSL	Additional road speed limiter control (switch in dashboard)	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☒ ACCLF-D	Volvo torque assist - Disabled	☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ ACCLF-E	Volvo torque assist - Enabled	☐ PH-CAB2	Cab parking heater, 2 kW
☐ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ REF-ICPK	Preparation kit for refrigerator
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping	☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
☐ DAS-W	Driver Alert Support	☐ BOTH-D	One bottle holder under dashboard centre section
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
☒ CU-MCC	Manual climate control (heater/cooler function)	☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
☐ IGT-BUT	Push-button ignition	☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
☐ BUPMON	Reversing camera	☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
☐ ISUNF-B	Interior roller blind, integrated in front shelf, electrically manoeuvred	☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
☐ ISUNF-MD	Interior roller blind, integrated in front shelf, manually manoeuvred	☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
☐ ISUNF-RE	Interior roller blind, integrated in front shelf, manually manoeuvred	☒ GLAS-TIN	Tinted windows
☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	☐ GLAS-UNT	Untinted windows
☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	☐ AWIND-RF	Fixed window in back of cab (without curtains)
☐ REMC-MF	Wireless remote control, multi-functional	☐ VANMIR	Vanity mirror in front shelf lid
☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	☐ AS-FUS	One extra shelf in each of the two front upper storage compartments
☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2		
☒ WARNTRI2	Two warning triangles		

■ Standard Equipment

□ Optional Equipment

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FM D13 64 Tractor Diesel Rear Leaf FM 64T 3L

☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ ACCBR-FM	Accessory brackets mounted on front roof and midroof
		☐ ACCBR-FR	Accessory brackets mounted on front and rear roof
		☐ ACCBR-M	Accessory bracket mounted on midroof
		☐ ACCBR-RM	Accessory bracket mounted on rear roof
Cab exterior			
☒ EXTL-BAS	Exterior trim level basic	Superstructure preparations	
☒ DGLAS-H	Tempered door window glass	☒ 5WM-ISHD	Fifth wheel ISO mounting on 16 mm plates (96 mm above frame) for heavy-duty applications
☒ BUMP-B2	Steel front bumper	☐ 5WM-ISOH	Fifth wheel ISO mounting on high Z-profiles (90 mm above frame)
☐ BUMP-SP	Front bumper spoiler	☐ 5WH150	Fifth wheel leg height 150 mm (5.90")
☒ GUARD-EH	Guard plate for cooling pipes and oil sump	☒ 5WH190	Fifth wheel leg height 190 mm (7.48")
☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ 5WH290	Fifth wheel leg height 290 mm (11.41")
☐ CTILT-P-E	Electric cab tilt pump	☐ 5WT-JO11	Jost JSK 38G fixed heavy-duty fifth wheel, cast iron
☒ CTILT-P-M	Manual cab tilt pump	☐ 5WT-JO8	Jost JSK 37 fixed fifth wheel, cast iron
☐ FCABS-A	Air front cab suspension	☒ 5WT-JOHD	Jost JSK 38C fixed heavy-duty fifth wheel, cast iron
☒ FCABS-M	Mechanical front cab suspension	☐ 5WT-SH	SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron
☐ RCABS-A	Air rear cab suspension	☐ 5WT-SH2	SAF-Holland/+GF+ SK-HD 38.36 fixed heavy-duty fifth wheel, cast iron
☒ RCABS-M	Mechanical rear cab suspension	☐ 5WL-S1	Fifth wheel lubrication: locking mechanism and top plate
☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	☐ TCIND	Trailer connection indication with sensors for height, kingpin and coupling lock
☐ MIRCMCP	Camera Monitor System and passenger corner camera	☐ RDECK	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
☐ MIRCMS	Camera Monitor System	☐ SRWL-2RA	-
☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ SWL-2RA	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ AD-ROOF	Roof air deflector	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ AD-SIDEL	Cab side air deflectors, long	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☒ HL-BASIC	Halogen H7 headlamps	☐ WL-TA1A	Amber LED work lamp on trailer arch
☐ HL-LED	LED headlamps	☐ WL-TA1W	White LED work lamp on trailer arch
☐ HL-LED3	LED headlamps with adaptive high beam	☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
☐ HBDA-A	Automatic main beam deactivation and reactivation	☐ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
☐ HL-CLEAN	High-pressure headlamp cleaner	☐ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)	☐ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
☐ HL-ADJ	Manually adjustable headlamp beam	☒ ECBB-BAS	Body builder electrical centre, prepared for body builder module
☒ DRL-LED	Daytime running lamps (LED)	☐ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
☐ UDRL	Without daytime running lamps	☐ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
☐ DRIVL2	Extra main beam	☐ BBCHAS1	One 7-pole bodywork connector on chassis
☒ UDRIVL	Without extra main beam	☐ BBCHAS3	Three 7-pole bodywork connectors on chassis
☒ FOGL-WC	White front fog lamps	☐ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
☐ CL-STAT	Static cornering lights	☐ 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".
☐ IDLAMP-A	Three amber identification lamps on mid front roof	☐ AUXL-SPK	Preparation kit (wiring and a switch in dashboard) for snow plough lamps
☐ IDLAMP-W	Three white identification lamps on mid front roof	☒ AESW2	2 bistable bodywork switches (marked AUX1/AUX2)
☐ BEACOA2F	Two amber LED beacons on cab front roof	☐ AESW2PK	2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
☐ BEACON-P	Preparation kit for roof beacons	☐ AUXSW-4	Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)
☐ CABPT-R1	One front cab roof pass-through on passenger side		
☒ 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		
☐ 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		
☐ ACCBR-AP	Accessory brackets mounted on front roof, midroof and rear roof		
☐ ACCBR-F	Accessory bracket mounted on front roof		

☒ 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 Tractor Diesel Rear Leaf FM 64T 3L

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)