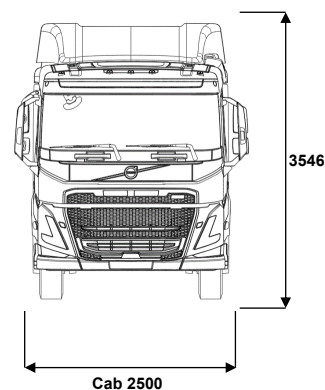
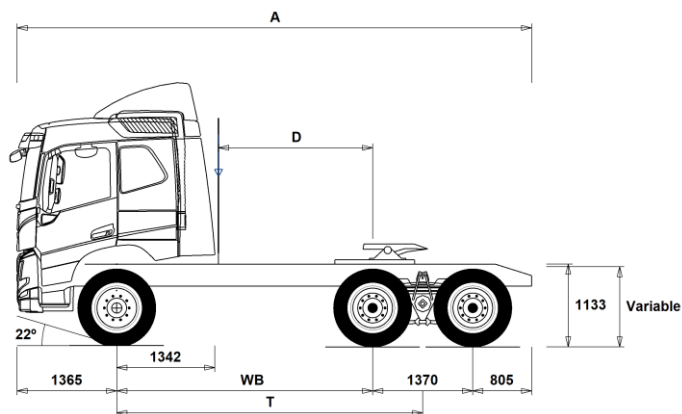


MODEL RANGE

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



Chassis Dimensions [mm]

WB Wheelbase	3000	3200	3400	3600	3900
A Overall Chassis Length	6540	6740	6940	7140	7440
D Center of rear axle to back of cab	1608	1808	2008	2208	2508
T Theoretical Wheelbase	3685	3885	4085	4285	4585

Chassis Weights [kg]

Front Axle	4935	4955	4985	5005	5025
Rear Bogie	4020	4025	4030	4035	4045
Kerb Weight	8955	8980	9015	9040	9070

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13300	13900	14500	15100	16100
Turning Circle Diameter Wall to Wall	14700	15300	15900	16500	17500

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	25000	33100
Gross Combination Weight	44000	44000
Front Axle	7000	7100
Rear Bogie	18000	26000

Important Notes

Chassis Dimensions

Cab Height: -410 mm for CAB-DAY, +144 mm for CAB-HSLP, -1545 mm for CAB-LDAY, -867 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.

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-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)
- **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)
- **EU5SCR-M** Euro 5 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
- **D13C380** Diesel engine, Euro 5, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13C420** Diesel engine, Euro 5, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13C460** Diesel engine, Euro 5, 12.8 litres, 460 hp/338 kW, 2300 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
- **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

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)
- **SAFEBAS** Active Safety Basic package (outside Europe)
- **SAFEBAS2** Active Safety Basic package (outside Europe)

- **SAFEPLU2** Active Safety Plus package (outside Europe)
- **SAFEPLUS** Active Safety Plus package (outside Europe)

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
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 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
- **RSAP2** Heavy duty rear suspension application (with reinforcements)
- **RSAP3** Mixed duty rear suspension application
- **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
- **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-TXEB** Frame inner liner from transmission cross member to end of bogie
- **BBOX-L** Battery box on left-hand side
- **BATS-D** Dual battery system (2 vehicle batteries and 2 starter batteries)
- **BATS-S** Single battery system (2 batteries)
- **2BAT210C** AGM batteries, 2x210 Ah
- **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
- **R405A71** Right 405-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 150l
Max volume 810l
- **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 550l

■ 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 Tractor Diesel Rear Leaf FM 64T 3L

□ ADTP-BC AdBlue tank behind/under cab on right hand side □ 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 □ ADB050 AdBlue tank: usable volume 50 litres, mounted behind cab ■ 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 □ ADB100 AdBlue tank: usable volume 100 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-LEFT Horizontal silencer, left exhaust outlet ■ 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 □ 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 □ CHAIN-S Snow chains □ HOOK-SC Snow chain hooks ■ 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. □ 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-HCF Full-pressure, hand-controlled trailer brake check (8 bar) □ 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-AL Brushed aluminium rims with standard holes (long stud fixing) on all axles □ RT-AL1 LVL ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles □ RT-AL1DU LVL ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles □ RT-ALDP Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles □ RT-ALDPD Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles □ RT-ALDU Brushed aluminium rims with countersunk holes (short stud fixing) on all axles ■ 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-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 □ JACK-15T Hydraulic jack, 15 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 225-438 mm, weight 9.4 kg ■ 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
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■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

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

☐ TRAP-HD	Reinforced gearbox range housing	☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
☒ DRM-BE	I-Shift drive modes Economy, Standard and Performance	☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
☐ DRM-E	I-Shift drive mode Economy	☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
☒ PVT-MTM	I-See	☐ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
☒ CRUIS-E	I-Cruise cruise control, I-Roll included	☐ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
☐ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	☐ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
☐ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	☐ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
☐ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ RET-TPT	Gearbox-mounted Powertronic primary retarder	☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
☐ TC-HWO	Cooler for hydraulic gearboxes - water/oil	☐ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☐ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☒ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
☐ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
☐ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
☒ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
☒ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
☐ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
☐ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel	☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
☒ AIRIN-HI	High air inlet	☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
☐ AIRIN-LO	Low air inlet	☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
☐ ACL1ST-S	Air cleaner with extra filter element	Cab Interior, Driving	
☒ 24A110BL	Alternator 110 Ampere	☒ STWPOS-L	Left-hand drive
☒ 24A150BL	Alternator 150 Ampere	☐ STWPOS-R	Right-hand drive
☐ 24A180BL	Alternator 180 Ampere	☐ STWM-LE	Steering wheel material leather
☐ 24AL110B	Alternator 110 Ampere	☐ STGW-AD2	Manually adjustable steering wheel with neck tilt
☐ 24AL150B	Alternator 150 Ampere	☒ STGW-ADJ	Manually adjustable steering wheel
☐ CCV-C	Closed crankcase ventilation	☐ AIRBAG	Airbag on driver's side
☐ CCV-O	Open crankcase ventilation	☐ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
☒ CCV-OX	Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge	☒ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)
☐ FUEQ-EH	Fuel line electric heater	☐ 1DAYB	One-day analogue tachograph, basic
☐ AF-E	Electrically heated fuel filter	☒ TAC-PK2	Preparation kit for tachograph
☒ AF-R	Hot fuel recirculation heated fuel filter	☐ ARSL	Additional road speed limiter control (switch in dashboard)
☒ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	☒ ACCLF-D	Volvo torque assist - Disabled
☐ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)	☐ ACCLF-E	Volvo torque assist - Enabled
☒ EST-AID	Engine intake air heater	☒ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
☐ 220EBH15	Engine block heater, 220 V, 1.5 kW	☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off
☐ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646	☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653	☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)
☐ 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		

☒ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

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

□ LSS-DW Lane Keeping Support - lane departure warning □ LSS-DW3 Pilot Assist - active, continuous lane keeping □ LCS2 Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side □ LCS3 Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side □ LCS5 Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side □ DAS-W Driver Alert Support □ RSSENS-W Wipers rain sensor □ CU-ECC Automatic climate control with sun sensor □ CU-ECC2 Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter ■ CU-MCC Manual climate control (heater/cooler function) ■ IGT-BUT Push button ignition □ IMMOBIL Immobiliser □ ALARM-E Anti-theft alarm for cab, superstructure and trailer □ PHONE-PK □ ISUNS-BS Side interior roller blind on both sides, manually manoeuvred ■ ISUNS-DS Side interior roller blind on driver's side, manually manoeuvred □ ISUNF-B □ ISUNF-MD □ ISUNF-RE Interior roller blind, integrated in front shelf, electrically manoeuvred ■ ISUNF-RM Interior roller blind, integrated in front shelf, manually manoeuvred □ ADFS Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D) ■ BUPALARM Reversing warning □ REMC-MF Wireless remote control, multi-functional ■ FIREXT3S Fire extinguisher 3 kg, Swedish/English decal ■ WARNVEST Reflective vest, fulfils European standard EN 471 class 2 ■ WARNTRI2 Two warning triangles □ AIDKIT First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors. □ AIDKIT1B First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements) □ WARNLAMP Portable amber and white warning lamp with batteries □ LAMP-IN Inspection lamp with 10 m cable □ BULBKIT Bulb and fuse kit □ WRITEPAD Writing pad with paper clamp	□ ARMRE-BB Two armrests on both driver's and passenger seats □ ARMRE-DB Two armrests on driver's seat □ ARMRE-PB Two armrests on passenger seat □ ARU-BAS Vinyl armrest upholstery □ ARU-LEA Leather armrest upholstery ■ FMAT-RUB Black rubber floor mats □ FMAT-TX2 Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats ■ LBK70 Lower fixed bed 2000x700 mm, non-foldable, safety net included ■ MATL-FI Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg □ MATL-SF Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg □ OLMAT-BA Overlay mattress, 28 mm thick black textile □ OLMAT-PR Overlay mattress Premium, 35 mm thick black textile □ TBK60F Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ TBK70F Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ PH-CAB2 Cab parking heater, 2 kW □ PH-ENGCA Engine and cab parking heater □ PH-SS Short stop cab heater □ SLCP-BAS Basic sleeper control panel (interior light, parking heater, roof hatch, door locks) □ ETSB-F Storage at front of engine tunnel □ ETSB-FR Storage at back of engine tunnel and at back, against rear cab wall □ ETSB-FRS Storage at front of engine tunnel and immersed in RH side of tunnel □ ETSB-FS Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel □ ETSB-R Storage at back of engine tunnel, against rear cab wall □ ETSB-RS Storage immersed in RH side of engine tunnel and at back against rear cab wall □ ETSB-S Storage immersed in RH side of engine tunnel □ RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) □ RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) □ REF-ICPK Preparation kit for refrigerator □ REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall □ MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) ■ BOTH-D One bottle holder under dashboard centre section □ 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 □ 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 □ SWIND-BS Rear side window on both sides □ SWIND-PS Rear side window on passenger side □ AWIND-RF Fixed window in back of cab (without curtains)
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■ 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 Tractor Diesel Rear Leaf FM 64T 3L

☐ VANMIR	Vanity mirror in front shelf lid	☐ CABPT-R2	Two front cab roof pass-throughs, one on each side
☐ AS-FUS	One extra shelf in each of the two front upper storage compartments	☐ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ 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
Cab exterior		☐ ROS-IL	Roof sign illumination
☐ EXTL-BA2	Exterior trim level basic 2	☐ ROS-IL2	Preparation kit for installation of roof sign illumination
☒ EXTL-BAS	Exterior trim level basic	☐ ROS-ILP	Wiring kit for roof sign illumination
☒ DGLAS-H	Tempered door window glass	☐ CSGN-GTR	Globetrotter decal in the roof sign box
☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	☒ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
☒ BUMP-B	Plastic front bumper	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☐ BUMP-B2	Steel front bumper	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☐ BUMP-SP	Front bumper spoiler	☐ ACCBR-AP	Accessory brackets mounted on front roof, midroof and rear roof
☐ GUARD-EH	Guard plate for cooling pipes and oil sump	☐ ACCBR-F	Accessory bracket mounted on front roof
☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ ACCBR-FM	Accessory brackets mounted on front roof and midroof
☐ CTILTP-E	Electric cab tilt pump	☐ ACCBR-FR	Accessory brackets mounted on front and rear roof
☒ CTILTP-M	Manual cab tilt pump	☐ ACCBR-M	Accessory bracket mounted on midroof
☐ FCABS-A	Air front cab suspension	☐ ACCBR-R	Accessory brackets mounted on mid-roof and rear roof
☒ FCABS-M	Mechanical front cab suspension	☐ ACCBR-RM	Accessory bracket mounted on rear roof
☐ RCABS-A	Air rear cab suspension	☐ LADDER	Ladder on back of cab
☒ RCABS-M	Mechanical rear cab suspension	Superstructure preparations	
☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	☐ 5WM-ISHD	Fifth wheel ISO mounting on 16 mm plates (96 mm above frame) for heavy-duty applications
☐ MIRCMP	Camera Monitor System and passenger corner camera	☒ 5WM-ISOH	Fifth wheel ISO mounting on high Z-profiles (90 mm above frame)
☐ MIRCMS	Camera Monitor System	☐ 5WM-ISOM	Fifth wheel ISO mounting on medium L-profiles (60 mm above frame)
☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ 5WM-MASM	Fifth wheel mounting on 50 mm L-profiles, adjustable, manual slider lock release
☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ 5WH150	Fifth wheel leg height 150 mm (5.90")
☒ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ 5WH185	Fifth wheel leg height 185 mm (7.28")
☒ AD-ROOF	Roof air deflector	☐ 5WH190	Fifth wheel leg height 190 mm (7.48")
☒ AD-SIDEL	Cab side air deflectors, long	☐ 5WH290	Fifth wheel leg height 290 mm (11.41")
☐ AD-SIDES	Cab side air deflectors, short	☐ 5WT-JO11	Jost JSK 38G fixed heavy-duty fifth wheel, cast iron
☒ HL-BASIC	Halogen H7 headlamps	☒ 5WT-JO8	Jost JSK 37 fixed fifth wheel, cast iron
☐ HL-LED	LED headlamps	☐ 5WT-JO9	Jost JSK 42 fixed fifth wheel, cast iron
☐ HL-LED3	LED headlamps with adaptive high beam	☐ 5WT-JOHD	Jost JSK 38C fixed heavy-duty fifth wheel, cast iron
☐ HBDA-A	Automatic main beam deactivation and reactivation	☐ 5WT-SH	SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron
☐ HL-CLEAN	High-pressure headlamp cleaner	☐ 5WT-SH2	SAF-Holland/+GF+ SK-HD 38.36 fixed heavy-duty fifth wheel, cast iron
☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)	☐ 5WL-S1	Fifth wheel lubrication: locking mechanism and top plate
☐ HL-ADJ	Manually adjustable headlamp beam	☐ TCIND	Trailer connection indication with sensors for height, kingpin and coupling lock
☒ DRL-LED	Daytime running lamps (LED)	☐ RDECK	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
☐ UDRL	Without daytime running lamps (LED)	☐ RDECK-M	Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
☐ DRIVL2	Extra main beam	☐ SRWL-2RA	-
☒ UDRIVL	Without extra main beam	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
☒ FOGL-WC	White front fog lamps	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ CL-STAT	Static cornering lights	☐ SWL-2RA	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ ASL-RF2	Two LED spot lamps in sign box	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ IDLAMP-A	Three amber identification lamps on mid front roof	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☒ IDLAMP-W	Three white identification lamps on mid front roof	☐ WL-TA1A	Amber LED work lamp on trailer arch
☐ IDLMPSW	Switch in cab for identification lamps	☐ WL-TA1W	White LED work lamp on trailer arch
☐ BEACOA2F	Two amber LED beacons on cab front roof	☐ WLC-H2A	2 white LED work lamps, high-mounted on back of cab (switch included)
☐ BEACOA2R	Two amber LED beacons on cab rear roof	☐ WLC-H2W	
☐ BEACON-P	Preparation kit for roof beacons		
☐ BEACONA4	Four amber LED beacons on roof - two on front, two on rear		
☐ CABPT-R1	One front cab roof pass-through on passenger side		

☒ Standard Equipment

☐ Optional Equipment

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- **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
- **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
- **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".
- **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
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)