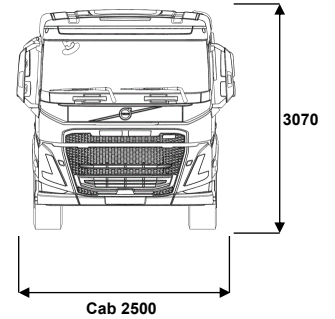
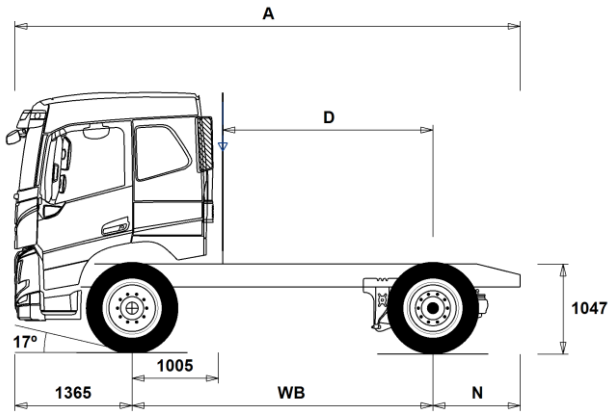


MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 3A



Chassis Dimensions [mm]

WB Wheelbase	3500
A Overall Chassis Length	5880
D Center of rear axle to back of cab	2445
N Rear Overhang (Min.)	825
N Rear Overhang (Max.)	1015

Chassis Weights [kg]

Front Axle	4610
Rear Axle	1770
Kerb Weight	6380

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12700
Turning Circle Diameter Wall to Wall	14100

Plated Weights [kg]

Gross Vehicle Weight	20100
Gross Combination Weight	44000
Front Axle	7100
Rear Axle	13000

Design

20100
44000
7100
13000

Important Notes

Chassis Dimensions

Cab Height: -4 mm for CAB-DAY, +370 mm for CAB-HSLP, -208 mm for CAB-LDAY, -208 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.

Height change when chassis height CHH-MED,FRAME266: 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 ± 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 FM42T3A.

MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 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.
- RC-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.

Core components

- CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- CHH-MED** Chassis height medium - approx. 900 mm above ground level
- RAD-G4** Rear air suspension - one axle, driving (low weight)
- RAD-GR** Rear air suspension - one axle, driving
- 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
- EU5EEV** Euro 5, Enhanced Environmentally Friendly Vehicle (EEV)
- 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
- 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
- SPO2812** Dual-clutch 12-speed semi-powershift gearbox with overdrive, 2800 Nm
- RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C

Packages

- WEIGHTO** Weight optimization package:
- 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-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
- FAL7.1** Front axle load 7.1 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
- RAL11.5** Rear axle load 11.5 tonnes
- RAL11.7** Rear axle load 11.7 tonnes
- RAL12** Rear axle load 12 tonnes
- RAL13** Rear axle load 13 tonnes
- RSTAB1** Rear anti-roll bar, normal stiffness
- RSTAB3** Rear anti-roll bar, extra-high stiffness
- 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
- FST6060** Frame thickness - web 6.0 mm / flange 6.0 mm
- FST6565** Frame thickness - web 6.5 mm / flange 6.5 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-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
- 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

Standard Equipment Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 3A

<input type="checkbox"/> MSWI-C	Main switch on chassis	<input type="checkbox"/> TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
■ MSWI-R	Key remote controlled main switch	■ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
■ R330A71	Right 330-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l Max volume 650l	■ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
■ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 570l	<input type="checkbox"/> RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> ADTP-BC	AdBlue tank behind/under cab on right hand side	<input type="checkbox"/> RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> ADTP-L	AdBlue tank on left hand side	<input type="checkbox"/> ATANK-AL	Aluminium air tanks
■ ADTP-R	AdBlue tank on right hand side	■ ATANK-ST	Steel air tanks
<input type="checkbox"/> ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> 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)
<input type="checkbox"/> ADB050	AdBlue tank: usable volume 50 litres, mounted behind cab	■ 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 .
■ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side		
<input type="checkbox"/> ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side		
<input type="checkbox"/> ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side		
<input type="checkbox"/> ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side		
<input type="checkbox"/> ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side		
<input type="checkbox"/> ADB112	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side		
<input type="checkbox"/> ADTC-BF	AdBlue tank cover, silver metallic		
■ FCAP-L	Lockable diesel and AdBlue filler caps		
■ FUFF-AS	Fuel filling anti-spillage device		
<input type="checkbox"/> FUFF-ATS	Fuel filling anti-theft and anti-spillage device		
<input type="checkbox"/> ESH-LEFT	Horizontal silencer, left exhaust outlet		
■ ESH-REAR	Horizontal silencer, rear exhaust outlet		
<input type="checkbox"/> ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side		
<input type="checkbox"/> EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel		
<input type="checkbox"/> WHC-FIX2	Two non-collapsible wheel chocks		
<input type="checkbox"/> WHC-FOL2	Two collapsible wheel chocks		
<input type="checkbox"/> WHCP-F	Wheel chock holder in the front part of the vehicle		
<input type="checkbox"/> WHCP-M	Wheel chock holder in the middle part of the vehicle		
<input type="checkbox"/> WHCP-T	Wheel chock holder by-packed in cab outer luggage compartment		
<input type="checkbox"/> TB-L80	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> SUP-BAS	Standard side underrun protection, aluminium		
■ SUP-LOW	Low side underrun protection, aluminium		
<input type="checkbox"/> CHAIN-S	Snow chains		
<input type="checkbox"/> HOOK-SC	Snow chain hooks		
■ TOWF-NO1	One front towing device		
<input type="checkbox"/> TOWF-NO2	Two front towing devices		
<input type="checkbox"/> 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.		
<input type="checkbox"/> TREL15	15-pin trailer connection (ADR certified)		
<input type="checkbox"/> 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		
<input type="checkbox"/> TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)		
■ TRBR-STA	Stationary trailer brake check		

■ Standard Equipment

Optional Equipment

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MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 3A

	<ul style="list-style-type: none"> • Adjustable spanner. • Hammer. 				
<input type="checkbox"/>	INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	<input type="checkbox"/>	HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
<input type="checkbox"/>	GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/>	HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
Powertrain equipment			<input type="checkbox"/>	HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
<input type="checkbox"/>	TRAP-HD	Reinforced gearbox range housing	<input type="checkbox"/>	HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
<input checked="" type="checkbox"/>	DRM-BE	I-Shift drive modes Economy, Standard and Performance	<input type="checkbox"/>	HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
<input type="checkbox"/>	DRM-E	I-Shift drive mode Economy	<input type="checkbox"/>	HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
<input type="checkbox"/>	PVT-BAS	I-See	<input type="checkbox"/>	HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
<input checked="" type="checkbox"/>	CRUIS-E	I-Cruise cruise control, I-Roll included	<input type="checkbox"/>	HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
<input type="checkbox"/>	CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	<input type="checkbox"/>	PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
<input checked="" type="checkbox"/>	AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	<input type="checkbox"/>	PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
<input type="checkbox"/>	AVO-ENH	I-Shift with enhanced software for construction and off-road applications	<input type="checkbox"/>	PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
<input type="checkbox"/>	APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	<input type="checkbox"/>	PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
<input type="checkbox"/>	RET-TH	Gearbox-mounted, hydrodynamic oil retarder	<input type="checkbox"/>	PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
<input type="checkbox"/>	TC-HWO	Cooler for hydraulic gearboxes - water/oil	<input type="checkbox"/>	PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
<input type="checkbox"/>	TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	<input type="checkbox"/>	PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
<input type="checkbox"/>	TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	<input type="checkbox"/>	PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
<input type="checkbox"/>	TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	<input type="checkbox"/>	PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
<input type="checkbox"/>	2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	<input type="checkbox"/>	PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
<input type="checkbox"/>	2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	<input type="checkbox"/>	PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
<input checked="" type="checkbox"/>	2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	<input type="checkbox"/>	PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
<input type="checkbox"/>	2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	<input type="checkbox"/>	HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
<input type="checkbox"/>	CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel	Cab Interior, Driving		
<input type="checkbox"/>	AIRIN-HI	High air inlet	<input checked="" type="checkbox"/>	STWPOS-L	Left-hand drive
<input checked="" type="checkbox"/>	AIRIN-LO	Low air inlet	<input type="checkbox"/>	STWM-LE	Steering wheel material leather
<input type="checkbox"/>	ACL1ST-S	Air cleaner with extra filter element	<input type="checkbox"/>	STGW-AD2	Manually adjustable steering wheel with neck tilt
<input type="checkbox"/>	24A110BL	Alternator 110 Ampere	<input checked="" type="checkbox"/>	STGW-ADJ	Manually adjustable steering wheel
<input checked="" type="checkbox"/>	24A150BL	Alternator 150 Ampere	<input type="checkbox"/>	AIRBAG	Airbag on driver's side
<input type="checkbox"/>	24A180BL	Alternator 180 Ampere	<input checked="" type="checkbox"/>	DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
<input type="checkbox"/>	24AL110B	Alternator 110 Ampere	<input type="checkbox"/>	DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)
<input type="checkbox"/>	24AL150B	Alternator 150 Ampere	<input type="checkbox"/>	1DAYB	One-day analogue tachograph, basic
<input checked="" type="checkbox"/>	CCV-C	Closed crankcase ventilation	<input checked="" type="checkbox"/>	TAC-PK2	Preparation kit for tachograph
<input type="checkbox"/>	CCV-O	Open crankcase ventilation	<input type="checkbox"/>	ARSL	Additional road speed limiter control (switch in dashboard)
<input type="checkbox"/>	PRIM-EL	Electrical priming pump for removal of air in the fuel system	<input checked="" type="checkbox"/>	ACCLF-D	Volvo torque assist - Disabled
<input checked="" type="checkbox"/>	PRIM-MAN	Manual priming pump for removal of air in the fuel system	<input type="checkbox"/>	ACCLF-E	Volvo torque assist - Enabled
<input type="checkbox"/>	FUEQ-EH	Fuel line electric heater	<input checked="" type="checkbox"/>	ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
<input type="checkbox"/>	AF-E	Electrically heated fuel filter	<input type="checkbox"/>	ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off
<input checked="" type="checkbox"/>	AF-R	Hot fuel recirculation heated fuel filter	<input type="checkbox"/>	HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
<input checked="" type="checkbox"/>	FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	<input type="checkbox"/>	HWSS-FCB	Collision Warning with Emergency Brake (forward)
<input type="checkbox"/>	FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)	<input type="checkbox"/>	LSS-DW	Lane Keeping Support - lane departure warning
<input checked="" type="checkbox"/>	EST-AID	Engine intake air heater	<input type="checkbox"/>	LSS-DW3	Pilot Assist - active, continuous lane keeping
<input type="checkbox"/>	220EBH15	Engine block heater, 220 V, 1.5 kW			
<input type="checkbox"/>	PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646			
<input type="checkbox"/>	PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653			
<input type="checkbox"/>	HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow			

Standard Equipment

Optional Equipment

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<input type="checkbox"/> LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	<input checked="" type="checkbox"/> MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support, side collision warning, both sides	<input type="checkbox"/> MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
<input checked="" type="checkbox"/> DAS-W	Driver Alert Support	<input type="checkbox"/> OLMAT-BA	Overlay mattress, 28 mm thick black textile
<input type="checkbox"/> RSSENS-W	Wipers rain sensor	<input type="checkbox"/> OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
<input checked="" type="checkbox"/> CU-ECC	Automatic climate control with sun sensor	<input type="checkbox"/> TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input type="checkbox"/> CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	<input type="checkbox"/> TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input type="checkbox"/> CU-MCC	Manual climate control (heater/cooler function)	<input type="checkbox"/> PH-CAB2	Cab parking heater, 2 kW
<input checked="" type="checkbox"/> IGT-BUT	Push button ignition	<input type="checkbox"/> PH-ENGCA	Engine and cab parking heater
<input checked="" type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> PH-SS	Short stop cab heater
<input type="checkbox"/> ALARM-E	Anti-theft alarm for cab, superstructure and trailer	<input type="checkbox"/> SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
<input type="checkbox"/> PHONE-PK		<input type="checkbox"/> ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
<input type="checkbox"/> ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	<input type="checkbox"/> ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
<input checked="" type="checkbox"/> ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	<input type="checkbox"/> ETSB-S	Storage immersed in RH side of engine tunnel
<input type="checkbox"/> ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	<input type="checkbox"/> RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
<input checked="" type="checkbox"/> ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	<input type="checkbox"/> RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	<input type="checkbox"/> REF-ICPK	Preparation kit for refrigerator
<input checked="" type="checkbox"/> BUPALARM	Reversing warning	<input type="checkbox"/> REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
<input type="checkbox"/> LOADIND	Load indicator, shown in instrument display and side display	<input type="checkbox"/> MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
<input type="checkbox"/> REMC-MF	Wireless remote control, multi-functional	<input checked="" type="checkbox"/> BOTH-D	One bottle holder under dashboard centre section
<input checked="" type="checkbox"/> FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	<input type="checkbox"/> COFMA-PK	Preparation kit (24 V) for coffee maker
<input type="checkbox"/> WARNEST	Reflective vest, fulfils European standard EN 471 class 2	<input checked="" type="checkbox"/> INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
<input checked="" type="checkbox"/> WARNTRI2	Two warning triangles	<input type="checkbox"/> INLI-NL	Interior white and red (night) light with smooth light transition at on/off
<input type="checkbox"/> AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	<input type="checkbox"/> INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
<input checked="" type="checkbox"/> WRITEPAD	Writing pad with paper clamp	<input type="checkbox"/> ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
Cab Interior, Living			
<input type="checkbox"/> DST-CF1	Driver's seat Comfort	<input type="checkbox"/> RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
<input type="checkbox"/> DST-CF4	Driver's seat Comfort, belt in seat	<input type="checkbox"/> RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
<input type="checkbox"/> DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	<input type="checkbox"/> RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
<input checked="" type="checkbox"/> DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	<input type="checkbox"/> RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
<input type="checkbox"/> DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated	<input checked="" type="checkbox"/> GLAS-TIN	Tinted windows
<input type="checkbox"/> DST-STD2	Driver's seat Standard, belt in seat	<input type="checkbox"/> SWIND-BS	Rear side window on both sides
<input type="checkbox"/> SBD-RED	Red safety belts, passenger and driver seats	<input type="checkbox"/> SWIND-PS	Rear side window on passenger side
<input type="checkbox"/> SBPRE-DS	Driver's seat belt pretensioner	<input type="checkbox"/> AWIND-RF	Fixed window in back of cab (without curtains)
<input type="checkbox"/> PST-BAS1	Passenger seat Basic, non-suspended	<input type="checkbox"/> VANMIR	Vanity mirror in front shelf lid
<input type="checkbox"/> PST-CF4	Passenger seat Comfort, suspended, belt in seat	<input type="checkbox"/> AS-FUS	One extra shelf in each of the two front upper storage compartments
<input type="checkbox"/> PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	<input type="checkbox"/> INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
<input checked="" type="checkbox"/> PST-STD2	Passenger seat Regular, non-suspended	Cab exterior	
<input type="checkbox"/> PST-STD4	Passenger seat Regular, suspended	<input type="checkbox"/> EXTL-BA2	Exterior trim level basic 2
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input checked="" type="checkbox"/> EXTL-BAS	Exterior trim level basic
<input checked="" type="checkbox"/> ARMRE-BB	Two armrests on both driver's and passenger seats	<input checked="" type="checkbox"/> DGLAS-H	Tempered door window glass
<input type="checkbox"/> ARMRE-DB	Two armrests on driver's seat	<input type="checkbox"/> DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
<input type="checkbox"/> ARMRE-PB	Two armrests on passenger seat	<input checked="" type="checkbox"/> BUMP-B	Plastic front bumper
<input type="checkbox"/> ARU-BAS	Vinyl armrest upholstery	<input type="checkbox"/> BUMP-B2	Steel front bumper
<input checked="" type="checkbox"/> ARU-LEA	Leather armrest upholstery	<input type="checkbox"/> BUMP-SP	Front bumper spoiler
<input checked="" type="checkbox"/> FMAT-RUB	Black rubber floor mats		
<input type="checkbox"/> FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats		
<input checked="" type="checkbox"/> LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included		

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 42 Tractor Diesel Rear Air FM 42T 3A

- GUARD-EH** Guard plate for cooling pipes and oil sump
 - BUGNET** Insect screen (PVC-coated fibreglass) in front of radiator
 - CTILT-P-E** Electric cab tilt pump
 - CTILT-P-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)
 - MIRCMP** 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-SIDEL** Cab side air deflectors, long
 - AD-SIDES** Cab side air deflectors, short
 - AD-CHASX** Chassis fairings, extended
 - ADCF-F** Aerodynamic flaps on chassis fairings
 - 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
 - CL-STAT** Static cornering lights
 - ASL-RF2** Two LED spot lamps in sign box
 - IDLAMP-A** Three amber identification lamps on mid front roof
 - IDLAMP-W** Three white identification lamps on mid front roof
 - 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
 - BEACONA4** Four amber LED beacons on roof - two on front, two on rear
 - 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
 - ROS-IL2** Preparation kit for installation of 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
 - 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
 - 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-R** Accessory brackets mounted on mid-roof and rear roof
 - ACCBR-RM** Accessory bracket mounted on rear roof
 - LADDER** Ladder on back of cab
- ### Superstructure preparations
- 5WM-ASL** Fifth wheel on L-profiles (4 mm above frame), adjustable, autom. slider lock, release switch in cab
 - 5WM-ASM** Fifth wheel on L-profiles (50 mm above frame), adjustable, autom. slider lock, release switch in cab
 - 5WM-ISOM** Fifth wheel ISO mounting on medium L-profiles (60 mm above frame)
 - 5WM-LPRO** Fifth wheel mounting on 8 mm L-profiles (0 mm above frame)
 - 5WH150** Fifth wheel leg height 150 mm (5.90")
 - 5WH185** Fifth wheel leg height 185 mm (7.28")
 - 5WH200** Fifth wheel leg height 200 mm (7.87")
 - 5WH205** Fifth wheel leg height 205 mm (8.07")
 - 5WH230** Fifth wheel leg height 230 mm (9.05")
 - 5WT-FO14** Fontaine 150SP2 fixed fifth wheel, pressed steel
 - 5WT-FO15** Fontaine 3000 series sliding fifth wheel with air actuated locking mechanism, cast iron
 - 5WT-JO10** Jost JSK 36 fixed fifth wheel, pressed steel
 - 5WT-JO8** Jost JSK 37 fixed fifth wheel, cast iron
 - 5WT-JO9** Jost JSK 42 fixed fifth wheel, cast iron
 - 5WT-SH** SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron
 - 5WLM-B** Basic fifth wheel maintenance level (for locking mechanism and top plate)
 - 5WLM-L** Low-maintenance fifth wheel (locking mechanism). Plastic slide plates and wear ring
 - 5WL-S1** Fifth wheel lubrication: locking mechanism and top plate
 - 5WL-S2** Fifth wheel lubrication: locking mechanism
 - TCIND** Trailer connection indication with sensors for height, kingpin and coupling lock
 - RDECK** Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
 - RDECK-M** Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
 - SRWL-PK** Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
 - SWL-2RA** 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
 - SWL-2RW** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
 - SWL-PK** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
 - WL-TA1A** Amber LED work lamp on trailer arch
 - WL-TA1W** White LED work lamp on trailer arch
 - WLC-H2A** 2 white LED work lamps, high-mounted on back of cab (switch included)
 - WLC-H2W** 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 42 Tractor Diesel Rear Air FM 42T 3A

- **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
- **DRUT1** My Truck service/app (remote vehicle status, alerts and control), 1-year prepaid subscription
- **DRUT2** My Truck service/app (remote vehicle status, alerts and control), 2-year prepaid subscription
- **DRUT3** My Truck service/app (remote vehicle status, alerts and control), 3-year prepaid subscription
- **DRUT4** My Truck service/app (remote vehicle status, alerts and control), 4-year prepaid subscription
- **DRUT5** My Truck service/app (remote vehicle status, alerts and control), 5-year prepaid subscription
- **TSRS2** Road sign recognition (not ISA compliant)