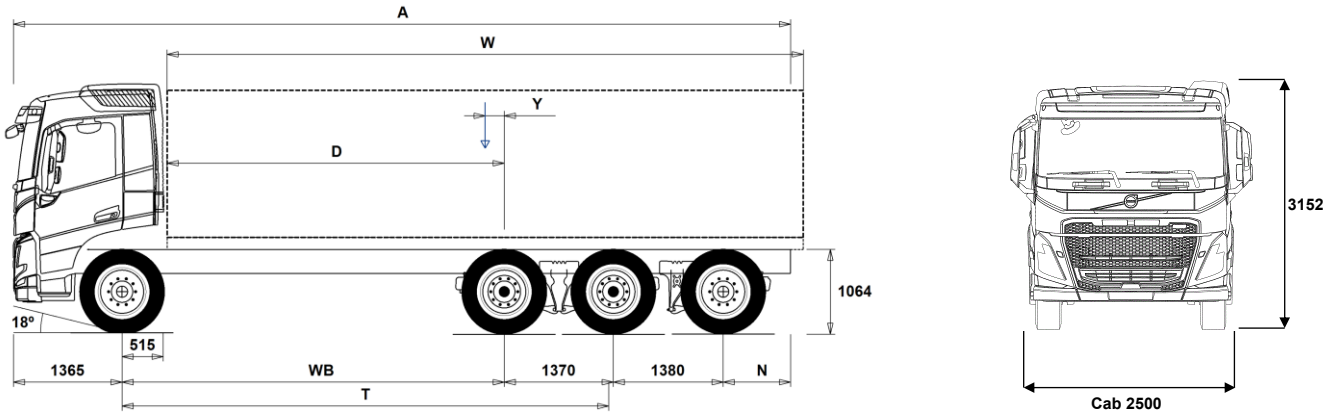


MODEL RANGE

FM D13 84 Rigid Tag Tridem Diesel Rear Air FM 84R T3A



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	4100	4300	4600	4900	5200
A Overall Chassis Length	9060	9360	9760	10460	10610	10860	11210	11360
D Center of rear axle to front of body	2635	2835	3135	3535	3735	4035	4335	4635
N Rear Overhang (Min.)	845	845	845	845	845	845	845	845
N Rear Overhang (Max.)	1745	1845	1945	2245	2195	2145	2195	2045
T Theoretical Wheelbase	4511	4711	5011	5411	5611	5911	6211	6511
Y Center of Gravity for Payload (Min.)	-621	-593	-550	-492	-466	-428	-385	-347
Y Center of Gravity for Payload (Max.)	-621	-593	-550	-492	-466	-428	-385	-347
W Body Length (Min.)	6514	6858	7372	8056	8404	8927	9214	9475
W Body Length (Max.)	6514	6858	7372	8056	8404	8927	9214	9475

Chassis Weights [kg]

Front Axle	4935	4960	4985	5015	5045	5085	5105	5145
Rear Bogie	4895	4920	4940	4995	4995	5005	5020	5005
Kerb Weight	9830	9880	9925	10010	10040	10090	10125	10150
Payload (including body, driver, fuel, etc.)	33170	33120	33075	32990	32960	32910	32875	32850

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	16700	17300	18200	19100	20000
Turning Circle Diameter Wall to Wall	15300	15900	16900	18100	18700	19600	20500	21500

Plated Weights [kg]

	Design
Gross Vehicle Weight	43000
Gross Combination Weight	44000
Front Axle	10000
Rear Bogie	33000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.
 D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.
 Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
 All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.
 Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.
 Height change when chassis height CHH-MED,FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 315/80R22.5
 Drive Axle Tyres: 315/80R22.5
 Trailing/Pusher 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. Tag axle used: TA-HYDRS.

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 FM84RT3A.

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FM D13 84 Rigid Tag Tridem Diesel Rear Air FM 84R T3A

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.
- **GARB-PRE** Refuse vehicle preparation
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **TA-HYSB2** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **RADDT-GR** Rear air suspension - three axles, two driving, one tag
 - **FM-CREW** FM crew cab (free-text CA needed)
 - **FM-DAY6** FM day cab
 - **FM-HSLP6** FM Globetrotter, high sleeper cab
 - **FM-LDAY6** FM low day cab
 - **FM-LSLP6** FM low sleeper cab
 - **FM-SLP6** FM sleeper cab
- **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-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
- **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
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

Packages

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

■ Standard Equipment □ Optional Equipment

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

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- **INFOHIGH** Information package, high (with side display)
- **CHASPAC** Rigid chassis package

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)
- **FSLB-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FSLB-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FALIM** Front axle load limiter
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL27** Rear axles load 27 tonnes
- **RAL33** Rear axles load 33 tonnes
- **RAL36** Rear axles load 36 tonnes
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **RALIM95** First rear driving axle load limiter, 9.5 tonnes (speed controlled)
- **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-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **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
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **BBOX-L** Battery box on left-hand side
- **BATS-S** Single battery system (2 batteries)
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- **ADR1** ADR adaptation, 1 switch in dashboard

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<input type="checkbox"/> ADR2	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	<input type="checkbox"/> C-VBG795	Coupling VBG 795V
<input type="checkbox"/> MSWI-A	ADR main switch	<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"/> MSWI-C	Main switch on chassis		
<input checked="" type="checkbox"/> MSWI-R	Key remote controlled main switch		
<input checked="" type="checkbox"/> R450A71	Right 450-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l Max volume 650l	<input type="checkbox"/> TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
<input checked="" type="checkbox"/> UL-FUEL	Without left side fuel tank Min volume 160l Max volume 330l	<input type="checkbox"/> TREL14	14-pin trailer connection
<input checked="" type="checkbox"/> ADTP-L	AdBlue tank on left hand side	<input type="checkbox"/> TREL15	15-pin trailer connection (ADR certified)
<input type="checkbox"/> ADTP-R	AdBlue tank on right hand side	<input type="checkbox"/> TREL7	7-pin trailer connection (ISO 24N)
<input type="checkbox"/> ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
<input checked="" type="checkbox"/> ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> TBC-EC	Trailer brake connection, European Community
<input type="checkbox"/> ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
<input type="checkbox"/> ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> TRBR-STA	Stationary trailer brake check
<input type="checkbox"/> ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
<input type="checkbox"/> ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> RUP-FOSL	Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
<input type="checkbox"/> ADB112	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
<input type="checkbox"/> ADTC-BF	AdBlue tank cover, silver metallic	<input type="checkbox"/> RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
<input checked="" type="checkbox"/> FCAP-L	Lockable diesel and AdBlue filler caps	<input type="checkbox"/> RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
<input checked="" type="checkbox"/> FUFF-AS	Fuel filling anti-spillage device	<input type="checkbox"/> RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> FUFF-ATS	Fuel filling anti-theft and anti-spillage device	<input type="checkbox"/> AUXATNK	Extra air tank for air suspension
<input type="checkbox"/> ESH-LEFT	Horizontal silencer, left exhaust outlet	<input checked="" type="checkbox"/> ATANK-AL	Aluminium air tanks
<input checked="" type="checkbox"/> ESH-REAR	Horizontal silencer, rear exhaust outlet	<input type="checkbox"/> ATANK-ST	Steel air tanks
<input checked="" type="checkbox"/> ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side	<input checked="" 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"/> EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel	<input checked="" type="checkbox"/> 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 .
<input type="checkbox"/> EXST-ST	Vertical exhaust top pipe, aluminised steel		
<input type="checkbox"/> HS-NAR	Muffler heat shield (EATS), narrow		
<input type="checkbox"/> WHC-FIX2	Two non-collapsible wheel chocks		
<input checked="" type="checkbox"/> WHC-FOL2	Two collapsible wheel chocks		
<input checked="" 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-R	Wheel chock holder in the rear 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		
<input checked="" type="checkbox"/> SUP-LOW	Low side underrun protection, aluminium		
<input type="checkbox"/> CHAIN-S	Snow chains		
<input type="checkbox"/> HOOK-SC	Snow chain hooks		
<input checked="" type="checkbox"/> TOWF-NO1	One front towing device		
<input type="checkbox"/> TOWF-NO2	Two front towing devices		
<input type="checkbox"/> TOWMBRH	Towing member, high-mounted in centre of frame		
<input checked="" type="checkbox"/> RFEC-S	Straight-cut rear frame end		
<input type="checkbox"/> RFEC-U	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)		
<input type="checkbox"/> C-RI4040	Coupling Ringfeder 4040A G-150		
<input type="checkbox"/> C-RI4045	Coupling Ringfeder 4045A G-150		
<input type="checkbox"/> C-RI5050	Coupling Ringfeder 5050A G-150		
<input type="checkbox"/> C-RO50	Coupling Rockinger 50 mm		
<input type="checkbox"/> C-VBG520	Coupling VBG 5200D		

Standard Equipment

Optional Equipment

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<ul style="list-style-type: none"> <input checked="" type="checkbox"/> JACK-20T lowering and a filter in the oil reservoir gives protection from contamination. Height 225-438 mm, weight 9.4 kg 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 <input checked="" type="checkbox"/> TOOLKIT This kit consists of a tool bag (case) including the following tools: <ul style="list-style-type: none"> • 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. <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"/> GAUGE-TP Tyre pressure gauge 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> PRIM-EL Electrical priming pump for removal of air in the fuel system <input type="checkbox"/> AF-E Electrically heated fuel filter <input checked="" type="checkbox"/> AF-R Hot fuel recirculation heated fuel filter <input checked="" type="checkbox"/> FUEFE2LW Large engine-mounted dual fuel filter with water separator and drain <input type="checkbox"/> FUEFE2SW Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality) <input checked="" type="checkbox"/> EST-AID Engine intake air heater <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 <input type="checkbox"/> HPE-F41 Engine-mounted hydraulic pump F1-41, fixed displacement, single flow <input type="checkbox"/> HPE-F51 Engine-mounted hydraulic pump F1-51, fixed displacement, single flow <input type="checkbox"/> HPE-F61 Engine-mounted hydraulic pump F1-61, fixed displacement, single flow <input type="checkbox"/> HPE-F81 Engine-mounted hydraulic pump F1-81, fixed displacement, single flow <input type="checkbox"/> HPE-T53 Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow <input type="checkbox"/> HPE-T70 Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow <input type="checkbox"/> HPE-V45 Engine-mounted hydraulic pump VP1-45, variable displacement, single flow <input type="checkbox"/> HPE-V75 Engine-mounted hydraulic pump VP1-75, variable displacement, single flow <input type="checkbox"/> PTPT-D Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm <input type="checkbox"/> PTPT-F Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm <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"/> PTR-DH Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm <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"/> PTR-F Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm <input type="checkbox"/> PTR-FH Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm <input type="checkbox"/> PTR-FL Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm <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"/> PTRD-D1 Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm <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 type="checkbox"/> PTRD-F Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm <input type="checkbox"/> HPG-F81 Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
<h3>Powertrain equipment</h3> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> TRAP-HD Reinforced gearbox range housing <input checked="" type="checkbox"/> DRM-BE I-Shift drive modes Economy, Standard and Performance <input checked="" type="checkbox"/> DRM-E I-Shift drive mode Economy <input type="checkbox"/> PVT-BAS I-See <input checked="" type="checkbox"/> CRUIS-E I-Cruise cruise control, I-Roll included <input type="checkbox"/> CRUIS-E5 I-Torque cruise control, optimized for fuel economy, I-Roll included <input checked="" type="checkbox"/> AMSO-AUT I-Shift manual gear shifting available in automatic mode, including kick-down function <input type="checkbox"/> AVO-ENH I-Shift with enhanced software for construction and off-road applications <input type="checkbox"/> APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) <input type="checkbox"/> RET-TH Gearbox-mounted, hydrodynamic oil retarder <input type="checkbox"/> TC-HWO Cooler for hydraulic gearboxes - water/oil <input type="checkbox"/> TC-MAOH2 Extra high performance cooler for manual/I-shift gearboxes - air/oil <input checked="" type="checkbox"/> TC-MWO Basic performance cooler for manual/I-Shift gearboxes - water/oil <input type="checkbox"/> TC-MWOH2 High performance cooler for manual/I-Shift gearboxes - water/oil <input type="checkbox"/> 2COM1080 Dual-cylinder air compressor 704 cc, 1080 l/min <input checked="" type="checkbox"/> 2COM1100 Dual-cylinder air compressor 760 cc, 1100 l/min <input type="checkbox"/> 2COMP870 Dual-cylinder, two-stage air compressor 560 cc, 870 l/min <input type="checkbox"/> 2COMP900 Dual-cylinder air compressor 636 cc, 900 l/min <input checked="" type="checkbox"/> CLU-AIRC Air compressor clutch with automatic declutching when not needed, to save fuel <input checked="" type="checkbox"/> AIRIN-HI High air inlet <input type="checkbox"/> AIRIN-LO Low air inlet <input checked="" type="checkbox"/> ACL1ST-S Air cleaner with extra filter element <input type="checkbox"/> 24A110BL Alternator 110 Ampere <input checked="" type="checkbox"/> 24A150BL Alternator 150 Ampere <input checked="" type="checkbox"/> 24A180BL Alternator 180 Ampere <input type="checkbox"/> 24AL110B Alternator 110 Ampere <input type="checkbox"/> 24AL150B Alternator 150 Ampere <input checked="" type="checkbox"/> CCV-C Closed crankcase ventilation <input type="checkbox"/> CCV-O Open crankcase ventilation 	
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Standard Equipment <input type="checkbox"/> Optional Equipment 	

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<input type="checkbox"/> ARSL	Additional road speed limiter control (switch in dashboard)	<input checked="" type="checkbox"/> ARMRE-DB	Two armrests on driver's seat
<input checked="" type="checkbox"/> ACCLF-D	Volvo torque assist - Disabled	<input type="checkbox"/> ARMRE-PB	Two armrests on passenger seat
<input type="checkbox"/> ACCLF-E	Volvo torque assist - Enabled	<input checked="" type="checkbox"/> ARU-BAS	Vinyl armrest upholstery
<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"/> ARU-LEA	Leather armrest upholstery
<input type="checkbox"/> ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	<input checked="" type="checkbox"/> FMAT-RUB	Black rubber floor mats
<input checked="" 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 type="checkbox"/> FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
<input type="checkbox"/> HWSS-FCB	Collision Warning with Emergency Brake (forward)	<input checked="" type="checkbox"/> LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
<input type="checkbox"/> LSS-DW	Lane Keeping Support - lane departure warning	<input checked="" type="checkbox"/> MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
<input type="checkbox"/> LSS-DW3	Pilot Assist - active, continuous lane keeping	<input type="checkbox"/> MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
<input type="checkbox"/> LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	<input type="checkbox"/> OLMAT-BA	Overlay mattress, 28 mm thick black textile
<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support, side collision warning, both sides	<input type="checkbox"/> OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
<input checked="" type="checkbox"/> DAS-W	Driver Alert Support	<input type="checkbox"/> TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input checked="" type="checkbox"/> RSSENS-W	Wipers rain sensor	<input type="checkbox"/> TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input checked="" type="checkbox"/> CU-ECC	Automatic climate control with sun sensor	<input checked="" type="checkbox"/> PH-CAB2	Cab parking heater, 2 kW
<input type="checkbox"/> CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	<input type="checkbox"/> PH-ENGCA	Engine and cab parking heater
<input type="checkbox"/> CU-MCC	Manual climate control (heater/cooler function)	<input type="checkbox"/> PH-SS	Short stop cab heater
<input checked="" type="checkbox"/> IGT-BUT	Push button ignition	<input checked="" type="checkbox"/> SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
<input checked="" type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
<input type="checkbox"/> ALARM-E	Anti-theft alarm for cab, superstructure and trailer	<input checked="" type="checkbox"/> ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
<input type="checkbox"/> PHONE-PK		<input type="checkbox"/> ETSB-S	Storage immersed in RH side of engine tunnel
<input type="checkbox"/> ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	<input checked="" type="checkbox"/> RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
<input checked="" type="checkbox"/> ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	<input type="checkbox"/> RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
<input checked="" type="checkbox"/> ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	<input type="checkbox"/> REF-ICPK	Preparation kit for refrigerator
<input type="checkbox"/> ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	<input type="checkbox"/> REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	<input type="checkbox"/> MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
<input checked="" type="checkbox"/> BUPALARM	Reversing warning	<input checked="" type="checkbox"/> BOTH-D	One bottle holder under dashboard centre section
<input type="checkbox"/> LOADIND	Load indicator, shown in instrument display and side display	<input type="checkbox"/> COFMA-PK	Preparation kit (24 V) for coffee maker
<input type="checkbox"/> REMC-MF	Wireless remote control, multi-functional	<input checked="" type="checkbox"/> INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
<input checked="" type="checkbox"/> FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	<input type="checkbox"/> INLI-NL	Interior white and red (night) light with smooth light transition at on/off
<input type="checkbox"/> WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	<input type="checkbox"/> INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
<input checked="" type="checkbox"/> WARNTRI2	Two warning triangles	<input checked="" type="checkbox"/> ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
<input checked="" type="checkbox"/> AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	<input type="checkbox"/> RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
<input checked="" type="checkbox"/> WRITEPAD	Writing pad with paper clamp	<input type="checkbox"/> RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
Cab Interior, Living		<input checked="" 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"/> SBD-RED	Red safety belts, passenger and driver seats	<input checked="" type="checkbox"/> SWIND-BS	Rear side window on both sides
<input type="checkbox"/> SBPRE-DS	Driver's seat belt pretensioner	<input type="checkbox"/> SWIND-PS	Rear side window on passenger side
<input type="checkbox"/> PST-BAS1	Passenger seat Basic, non-suspended	<input checked="" type="checkbox"/> AWIND-RF	Fixed window in back of cab (without curtains)
<input type="checkbox"/> PST-CF4	Passenger seat Comfort, suspended, belt in seat	<input type="checkbox"/> VANMIR	Vanity mirror in front shelf lid
<input type="checkbox"/> PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	<input type="checkbox"/> AS-FUS	One extra shelf in each of the two front upper storage compartments
<input checked="" type="checkbox"/> PST-STD2	Passenger seat Regular, non-suspended	<input type="checkbox"/> INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
<input type="checkbox"/> PST-STD4	Passenger seat Regular, suspended		
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner		
<input type="checkbox"/> ARMRE-BB	Two armrests on both driver's and passenger seats		
<input checked="" type="checkbox"/> Standard Equipment	<input type="checkbox"/> 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 84 Rigid Tag Tridem Diesel Rear Air FM 84R T3A

Cab exterior

- **EXTL-BA2** Exterior trim level basic 2
- **EXTL-BAS** Exterior trim level basic

- **DGLAS-H** Tempered door window glass
- **DGLAS-L** Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.

- **BUMP-B** Plastic front bumper
- **BUMP-B2** Steel front bumper
- **BUMP-SP** Front bumper spoiler

- **GUARD-EH** Guard plate for cooling pipes and oil sump
- **BUGNET** Insect screen (PVC-coated fibreglass) in front of radiator

- **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)
- **MIRC MCP** Camera Monitor System and passenger corner camera
- **MIRCMS** Camera Monitor System

- **AMIR-F20** Front close-view mirror above windscreen, passenger side (radius 200 mm)

- **SUNV-H** Exterior front sun visor, transparent dark-grey
- **AD-ROOF** Roof air deflector
- **AD-SIDES** Cab side air deflectors, short

- **HL-BASIC** Halogen H7 headlamps
- **HL-LED** LED headlamps
- **HL-LED3** LED headlamps with adaptive high beam
- **HBDA-A** Automatic main beam deactivation and reactivation
- **HL-CLEAN** High-pressure headlamp cleaner
- **HLP-ST** Steel headlamp protectors (steel and plastic for FMX)
- **HL-ADJ** Manually adjustable headlamp beam
- **DRL-LED** Daytime running lamps (LED)
- **UDRL** Without daytime running lamps (LED)
- **DRIVL2** Extra main beam
- **UDRIVL** Without extra main beam
- **FOGL-WC** White front fog lamps
- **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
- **IDLMP SW** 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-RR** Accessory bracket mounted on rear roof

Superstructure preparations

- **SRWL-PK** Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
- **SWL-2FW** 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
- **SWL-2RW** 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
- **SWL-4W** 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
- **SWL-PK** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
- **WL-CHPK** Preparation kit for work lamp (switch with cable to frame, by gearbox)
- **WLC-H2A**
- **WLC-H2W** 2 white LED work lamps, high-mounted on back of cab (switch included)
- **WLC-PKCH** Preparation kit (cables and switch) for work lamp inside or outside superstructure
- **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".
- **FRFS-BS** Frame rail free space on both sides to give space for crane legs or other equipment
- **FBA-BTF** Front body attachment brackets, lower, for flexible body
- **FBA-BTSP** Front body attachment brackets, lower, for semi-flexible body
- **HBA-FSFB** Holes for body attachments, flexible/semi-flexible body
- **HBA-SB** Holes for body attachments, stiff body
- **RBA-T2** Rear body attachment brackets, lower
- **CRANEPK1** Frame-mounted crane interface plates, up to 10 tonne-metres
- **CRANEPK2** Frame-mounted crane interface plates, up to 20 tonne-metres
- **CRANEPK4** Frame-mounted crane interface plates, up to 40 tonne-metres
- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

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- **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)