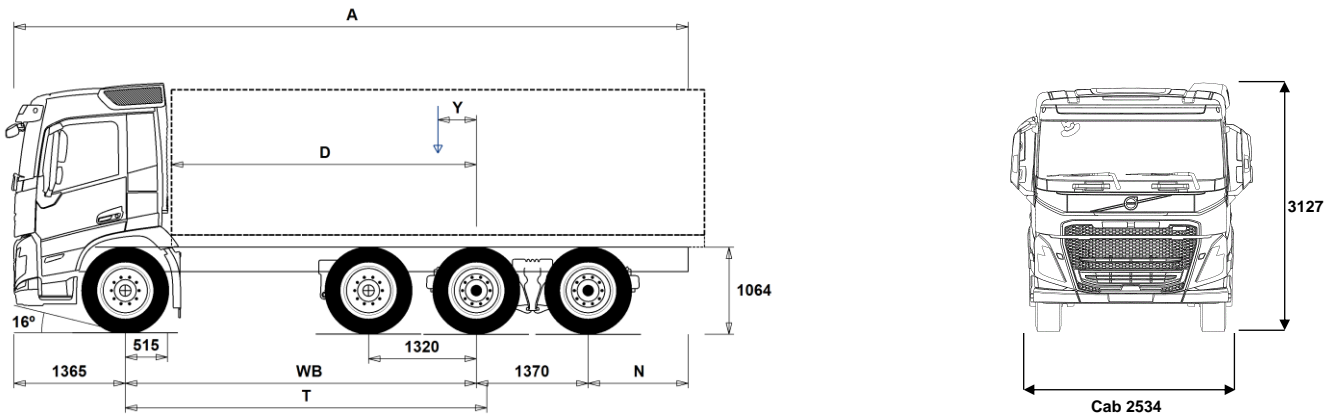


# MODEL RANGE



Volvo Trucks. Driving Progress

NEW FM 13 8x4 Rigid - Pusher Axle Tridem – contact sales engineering reference



## Chassis Dimensions [mm]

WB Wheelbase	4300	4600	4900	5100	5300	5600
A Overall Chassis Length	9360	9660	9960	10160	10360	10660
D Center of rear axle to front of body	3735	4035	4335	4535	4735	5035
N Rear Overhang (Min.)	1225	1225	1225	1225	1225	1225
N Rear Overhang (Max.)	2325	2325	2325	2325	2325	2325
T Theoretical Wheelbase	4428	4728	5028	5228	5428	5728
Y Center of Gravity for Payload (Min.)	-288	-295	-300	-318	-325	-339
Y Center of Gravity for Payload (Max.)	553	604	656	681	713	759

## Chassis Weights [kg]

Front Axle	5040	5025	5005	5040	5040	5050
Rear Bogie	4095	4125	4155	4205	4230	4265
Kerb Weight	9135	9150	9160	9245	9270	9315
Payload (including body, driver, fuel, etc.)	19215	19200	19190	19105	19080	19035

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	17300	18200	19100	19700	20300	21300
Turning Circle Diameter Wall to Wall	18700	19600	20600	21200	21800	22700

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	28350	36000
Gross Combination Weight	44000	44000
Front Axle	8000	9000
Rear Bogie	24000	27000

## 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  $\pm 20$  mm for leaf and  $\pm 10$  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  $\pm 3\%$ .**

Turning diameters are theoretically calculated. Tag axle used: PA-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 FM84RP3A.

# MODEL RANGE

## NEW FM 13 8x4 Rigid - Pusher Axle Tridem – contact sales engineering reference

### TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOT** Road Conditions - Smooth
- GARB-PRE** Transport Adaption - Refuse preparation
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

### CORE COMPONENTS

- CHH-HIGH** Chassis Height - High - for loading heights check the unique BEP chassis drawing
- CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing
- PU-EHYS** Pusher axle - Electro-hydraulically steered
- RAPDD-GR** Rear air suspension, 3 axles - 1 pusher/2 driven
- FM-DAY5** Cab - Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP5** Cab - Globetrotter - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY5** Cab - Low Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP5** Cab - Low sleeper - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP5** Cab - Sleeper with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro VI step E
- D13 420S** Engine - D13K420 12.8 litre developing 420hp at 14-1800rpm.  
Peak torque 2100Nm at 860 -1400rpm.
- D13 460S** Engine - D13K460 12.8 litre developing 460hp at 14-1800rpm.  
Peak torque 2300Nm at 900-1400rpm.
- D13 500S** Engine - D13K500 12.8 litre developing 500hp at 14-1800rpm.  
Peak torque 2500Nm at 1000-1400rpm.
- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- EBR-EPG** Engine Brake Type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine Brake Type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine Brake Type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2612F** Gearbox - AT2612F 12-speed "I-shift" automated mechanical suitable for gross train weights up to 60tonne only.  
Refer to sales engineering when used in conjunction with a PTO
- ATO2612F** Gearbox - ATO2612F 12-speed "I-shift" overdrive automated mechanical, suitable for gross train weights up to 60tonne.  
Refer to sales engineering when used in conjunction with a PTO
- PT2606** Gearbox - Powertronic automatic 6-speed, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- SPO2812** Gearbox - SPO2812 - 12-speed I-shift Dual Clutch automated mechanical GCW 60tonne
- ASO-C** Crawler gear -  
Ratio direct top gearbox 19:1  
Ratio Overdrive gearbox 17:1
- ASO-ULC** Ultra low crawler and crawler gear -  
Ratios direct top gearbox 32:1 and 19:1  
Ratios Overdrive box 32:1 and 17:1
- RTH2610B** Drive Axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne, 4 planetary gears  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified.

- RTH2610F** Drive Axles - RTH2610F 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTS2310A** Drive Axles - RTS2310A 23-tonne single reduction tandem with differential and cross locks\* - design GCW 100tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified
- RTS2370A** Drive Axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks\* - design GCW 70tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified

### PACKAGES

- FUELPACK** Long Haul Fuel Economy driving package
- DRIVE5** Drive Package
- DRIVE5+** Drive+ Package
- DRIVE5++** Drive++ Package
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOBAS** Basic media package without secondary display
- INFODF** Media Information Platform with Dynafleet Support
- INFOMED** Media Information Platform - Medium level
- INFONAV** Media Information Platform with Navigation
- INFONDF** Media Information Platform with Navigation & Dynafleet Support
- VISI5** Visibility Package
- VISI5+** Visibility+ Package
- SAFE-VE** Active Safety Package
- SAFE-VE+** Active Safety+ Package
- CHASPAC** Chassis Package Rigid

### CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FSL5-BAS** Front suspension levelling - basic stroke
- FSL5-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
- FAL10.0** Front axle design capacity - 10 tonne - check tyre capacity
- FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- F5M-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- FSTAB** Front anti-roll bar - Normal stiffness
- FSTAB2** Front anti-roll bar - Medium stiffness
- FSTAB3** Front anti-roll bar - High stiffness
- RAL27** Rear bogie design capacity - 27 tonne
- RAL30.5** Rear Bogie Design Capacity - 30.5 tonne
- RAL32** Rear bogie design capacity - 32 tonne
- RAL35** Rear Bogie Design Capacity - 35 tonne
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM105** Rear-axle load limiter - 10.5 tonne - speed controlled
- RALIM115** Rear-axle load limiter -11.5 tonne - speed controlled
- RALIM13** Rear-axle load limiter - 13 tonne
- RALIM95** Rear-axle load limiter - 9.5 tonne
- ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist
- ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- PSS-DUAL** Power steering system - Dual

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

## NEW FM 13 8x4 Rigid - Pusher Axle Tridem – contact sales engineering reference

- PSS-SING** Power steering system - Single
- EBS-MED** Brake package - EBS medium including "hill" hold function
- AUXPARK** Auxiliary parking brake - Additional spring brakes
- SUSPL-EC** Remote electronic control on wander-lead for air suspension levelling
- FRAME300** Chassis frame section external height - 300 mm
- FST7070** Chassis frame thickness - 7 mm web and flange
- FST8080** Chassis frame thickness - 8 mm web and flange
- FIL-EEEB** Chassis frame inner liner - From the end of the engine to the end of the bogie
- FIL-EEEF** Chassis frame inner liner - From the end of the engine to end of the frame
- FIL-TXEB** Chassis frame inner liner - From gearbox member to the end of the bogie
- FIL-TXEF** Chassis frame inner liner - From gearbox member to the end of the frame
- BBOX-L** Battery box position - Left hand side
- BATS-D** Dual energy battery system - 2 living batteries and 2 starter batteries.
- BATS-S** Single energy battery system (2 batteries)
- 2BAT210B** Battery Capacity - 2 x 210 Ah - Gel type
- 2BAT210C** Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type
- BATTAMP** Battery management - Voltage and current gauge
- BATTIND** Battery management - Charge indicator
- ADR2** ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately
- MSWI-A** Battery master switch - ADR switch circuit shut down
- MSWI-C** Battery master switch - Chassis mounted toggle by the battery box
- MSWI-R** Battery master switch - Key fob operated remote controlled
- R330A71** Right fuel tank - 330litre aluminium diameter 710mm  
Min volume 210l  
Max volume 810l
- UL-FUEL** Without left fuel tank  
Min volume 160l  
Max volume 690l
- ADTP-L** AdBlue tank position - Chassis mounted on the left-hand side
- ADTP-R** AdBlue tank position - Chassis mounted on the right-hand side
- ADB048** Plastic AdBlue tank - 48 litre
- ADB064** Plastic AdBlue tank - 64 litre
- ADB068** Plastic AdBlue tank - 68 litre
- ADB090** Plastic AdBlue tank - 90 litre
- ADB100** Plastic AdBlue tank - 100 litre
- ADTC-BF** AdBlue tank cover with satin alloy look decorative cover
- FCAP-L** Diesel and AdBlue filler cap - Locking
- FUFF-AS** Fuel filler - Anti-spill device
- FUFF-ATS** Fuel filler - Anti-spill & anti-syphon device
- ESH-LEFT** Exhaust - Horizontal silencer - left outlet
- ESH-REAR** Exhaust - Horizontal silencer - rear outlet
- ESH-RIGH** Exhaust - Horizontal silencer - right outlet
- ESH-VERT** Exhaust - Horizontal silencer - vertical outlet
- EXST-SSP** Stainless steel exhaust stack - NOT polished
- EXST-ST** Steel exhaust stack
- HS-NAR** Narrow heat shield
- WHC-FIX2** Wheel chocks - Two fixed design
- WHC-FOL2** Two foldable wheel chocks
- WHCP-F** Wheel chock carrier position - In the front part of the vehicle
- WHCP-M** Wheel chock carrier position - Middle part of the vehicle
- WHCP-R** Wheel chock carrier position - In the rear part of the vehicle
- WHCP-T** Wheel chock carrier position - Outer luggage locker
- TB-R80** Toolbox 800 mm, right side
- SUP-BAS** EC approved chassis side guards
- CHAIN-S** Snow chains
- HOOK-SC** Snow chain hooks
- TOWF-NO1** Front towing device - One detachable - stored in cab
- TOWF-NO2** Front towing device - Two detachable - stored in cab
- TOWMBRH** Towing member, high mounted in centre of frame, D = 190
- TOWMBRL1** Towing member, low mounted under the frame
- TOWMBRM** Towing member, medium mounted in line with frame lower flange
- RFEC-S** Rear frame profile - Straight cut
- RFEC-U** Rear frame profile - Slight uppercut for tipper
- C-RI4040** Towing coupling, Ringfeder 4040 G-150
- C-RI5055** Towing coupling, Ringfeder 5055 G-150
- C-RO400G** Towing coupling, Rockinger 400 G-150 for 40mm eyes
- C-RO50** Rockinger RO 50 50mm for centre axle trailer
- TOWR-ONE** Towing hitch attached to rear crossmember
- TREL-PK** Trailer electrical preparation kit - chassis/cab wiring
- TREL14** Single 14 pole electrical trailer connector
- TREL15** Trailer electrical connection - Single 15 pin - ADR certified
- TREL7** 7 pole - 24N trailer electrical suzie
- TREL7-7** Trailer electrical connection - 2 x 7 pin - 24N and 24S
- TBC-DUO** Duomatic type air line connectors
- TBC-EC** Trailer brakes with EC palm coupling connectors
- TRBR-HCF** Full pressure hand controlled trailer brake
- TRBR-STA** Stationary trailer brake control
- TRB-STRE** Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
- RFEND-B** Three piece EC approved rear mud wings and spray flaps
- RFEND-T** Rear mud wings - Temporary on drive axle for transport delivery only
- RFH-BAS** Basic rear wing height
- RFH-HIG** High rear wing height - higher wing tops
- RFH-LOW** Lower rear wing height - shallower wing tops
- ATANK-AL** Air tanks - Aluminium
- ATANK-ST** Air tanks - Steel
- TL-LED** Rear lights - LED
- BLIGHT-E** Emergency brake light

### WHEELS & TYRES

- RT-AL** Wheels - Alcoa brushed aluminium rims - standard holes for long stud fixing
- RT-ALDP** Wheels - Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
- RT-ALDPD** Wheels - Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
- RT-ALDU** Wheels - Alcoa brushed aluminium rims - countersunk holes for short stud fixing
- RT-STEEL** Wheels - Steel rims
- WCAP** Aerodynamic hub caps
- SPWT-D** Spare wheel & tyre with rear tyre pattern
- SPWT-F** Spare wheel & tyre with front tyre pattern
- SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
- SWCP-R** Rear mounted spare wheel carrier
- SWCP-T** Spare wheel supplied temporarily strapped to chassis
- SWCP-TP** Temporary spare wheel carrier on top of chassis frame
- JACK-12T** 12 tonne bottle jack
- JACK-15T** 15 tonne bottle jack
- JACK-20T** 20 tonne bottle jack
- TOOL-BAS** Basic Toolkit
- TOOLKIT** Complete tool kit

■ Standard Equipment

Optional Equipment

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## NEW FM 13 8x4 Rigid - Pusher Axle Tridem – contact sales engineering reference

- INFLAHOS** Tyre inflation hose
- GAUGE-TP** Tyre pressure gauge

### DRIVELINE EQUIPMENT

- TRAP-HD** Reinforced gearbox application
- **DRM-BE** Balanced & Economy Drive Mode
- DRM-E** Economy Drive Mode
- PVT-MAP** I-See Predictive Cruise Control - using map based topography information
- CRUIS-E** Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)
- CRUIS-E4** Eco fleet software - with cruise speed 85, I-See and push button I-shift.
- CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
- **CRUISEC** Cruise control, standard
- AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- AVO-ENH** I-Shift application software - for construction and off road applications
- APF-ENH** I-shift enhanced PTO functions
- RET-TH** Gearbox mounted retarder
- RET-TPT** Hydraulic Retarder for Powertronic gearbox
- TC-HWO** Transmission oil cooler - water to oil
- TC-MAOH2** Extra high performance transmission oil cooler - air to oil with front mounted radiator
- TC-MWO** Basic transmission oil cooler - water to oil
- 2COM1100** Air compressor - Two-cylinder 1100 litres per minute
- **2COMP900** Air compressor - Two-cylinder 900 litres per minute
- CLU-AIRC** Clutchable air compressor
- **AIRIN-HI** Air intake - Roof-mounted behind cab on the left-hand side
- AIRIN-LO** Low level air intake behind cab on left hand side
- ACL1ST-S** Air filter - two-stage element
- **24AL110B** Alternator capacity - 110 amp
- 24AL120B** Alternator capacity - 120 amp alternator
- 24AL150B** Alternator capacity - 150 amp
- CCV-C** Closed crankcase engine ventilation
- **CCV-OX** Closed crankcase ventilation for cold markets
- **PRIM-EL** Electrical priming pump
- PRIM-MAN** Manual priming pump
- AF-R** Hot fuel recirculation heated fuel filter
- **FUEFE2LW** Large engine mounted dual fuel filter with water separator
- FUEFE2SW** Small engine mounted dual fuel filter with water separator
- EST-AID** Engine starting aid -Preheating element in the air inlet manifold
- 220EBH15** 220V/1.5Kw electric engine block heater
- PTER-100** Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange
- PTER-DIN** Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump  
Models with 3 steering axles will use this to drive the steering pump (AUXPSP)
- PTER1400** Engine power-take-off - Rear-mounted with SAE 1410 flange
- HPE-F101** Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F41** Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F51** Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F61** Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F81** Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-T53** Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
- HPE-T70** Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
- HPE-V45** Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
- HPE-V75** Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
- PTPT-D** Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
- PTPT-F** Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
- PTR-D** Gearbox PTO for plug-in pump, 0.71xeng speed
- PTR-DH** Gearbox driven high speed PTO for one plug-in hydraulic pump
- PTR-DM** Gearbox driven medium speed PTO for one plug-in hydraulic pump
- PTR-F** Gearbox driven PTO with rear flange connection
- PTR-FH** Gearbox driven high speed PTO with SAE drive flange
- PTR-FL** Gearbox driven low speed PTO with SAE drive flange
- PTRD-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
- PTRD-D1** PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
- PTRD-D2** Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
- PTRD-F** PTO with 1 DIN + 1 flange connection rear, manual gearbox
- HPG-F101** Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F41** Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F51** Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F61** Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F81** Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- STWM-LE** Leather steering wheel
- STGW-AD2** Adjustable steering wheel with neck tilt
- **STGW-ADJ** Adjustable steering wheel
- **AIRBAG** SRS Driver's air bag
- INST-BAS** Basic level instruments
- **DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration
- **1DAYDIG2** Tachograph - Continental VDO 4.0
- ARSL** Additional road speed limit - switch in dashboard
- ESP-BAS1** Electronic Stability Control
- ESPC-RO** ESP (Electronic Stability Program) functionality control - Reduced / Off
- HWSS-AC** Adaptive cruise control with forward collision warning
- HWSS-ACB** Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system
- HWSS-FCB** Forward collision warning with AEBS advanced emergency brake system
- LSS-DW** Lane departure-warning system
- LCS** Lane change support
- DAS-W** Driver Alert Support system
- RSENS-W** Rain sensing windscreen wipers
- CU-ECC** Cab Climate Unit - Electrically controlled air conditioning with sun sensor
- CU-ECC2** Cab Climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
- **CU-MCC** Cab Climate Unit - Manual air conditioning

■ Standard Equipment

Optional Equipment

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■ <b>IMMOBIL</b>	Thatcham H2 approved immobiliser	□ <b>FMAT-TX2</b>	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
□ <b>ALARM-E</b>	Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer	□ <b>LBK70</b>	Lower bunk 700 x2000 mm, fixed
□ <b>ALCOLOCK</b>	Alcolock	□ <b>MATL-FI</b>	Firm lower bunk pocket sprung mattress
□ <b>BUPMON</b>	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.	□ <b>MATL-SF</b>	Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone
□ <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)	□ <b>OLMAT-BA</b>	35mm mattress overlay protector
□ <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side	□ <b>OLMAT-PR</b>	50mm premium mattress overlay protector
■ <b>ISUNS-DS</b>	Side sun visor - Driver-side	□ <b>TBK60F</b>	Fixed foldable top bunk 600 x 1900mm
□ <b>ISUNF-B</b>	Interior front sun visor without mirror	□ <b>TBK70F</b>	Fixed foldable top bunk 700 x 1900mm
□ <b>ISUNF-MD</b>	Interior front sun visor with mirror on driver side	□ <b>PH-CAB2</b>	1.8kW Air to air night heater
□ <b>ISUNF-RE</b>	Electrically operated textile interior sun blind	□ <b>PH-ENGCA</b>	Engine and cab night heater
■ <b>ISUNF-RM</b>	Manually operated textile interior sun blind	□ <b>PH-SS</b>	Short stop heater
□ <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	□ <b>SLCP-BAS</b>	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
■ <b>BUPALARM</b>	Reverse alarm	□ <b>ETSB-F</b>	Storage on engine tunnel - Central document box with two rear cup holders
□ <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	□ <b>ETSB-FR</b>	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
□ <b>LOADIND</b>	Load indicator with central dashboard display	□ <b>ETSB-R</b>	Storage on engine tunnel - Open storage pocket on cab rear wall
□ <b>REMC-MF</b>	Multi-functio wireless remote control	□ <b>RUS-BAS</b>	Rear cab upper storage - 300 mm high
□ <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base	□ <b>RUS-HIG</b>	Rear cab upper storage - 440 mm high - volume 245 litres
□ <b>WARNVEST</b>	High visibility warning vest - no sleeves	□ <b>REF-ICPK</b>	Fridge: engine tunnel mounted preparation kit
□ <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	□ <b>REFR-RUS</b>	Fridge - 28 litre rear upper wall mounted with dividers
□ <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany	□ <b>MICRO-PK</b>	Wiring preparation kit for microwave oven
□ <b>WARNLAMP</b>	Portable warning lamp	□ <b>BOTH-D</b>	One bottle holder under dashboard centre section
□ <b>LAMP-IN</b>	Inspection lamp	□ <b>COFMA-PK</b>	Coffee maker, preparation kit.
□ <b>BULBKIT</b>	Bulb and fuse kit	■ <b>INLI-BAS</b>	Interior white LED lights - basic
□ <b>WRITEPAD</b>	Writing pad	□ <b>INLI-NL</b>	Interior white and red night LED light with no dimmer
■ <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat	□ <b>INLI-NLD</b>	Interior white and red night LED light with dimmer
□ <b>DST-CF5</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat	□ <b>ARL-FLEX</b>	Two flexible reading lamps (snake lamps)
□ <b>DST-CF6</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls - seatbelt mounted to the seat	■ <b>RH-EE</b>	Fixed tinted glass sky window with emergency exit
□ <b>SBD-RED</b>	Seat belt colour - Red	□ <b>RH-ER</b>	Steel roof hatch - Electrically operated, rear opening with emergency exit
□ <b>SBPRE-DS</b>	Driver seat belt pretensioner	□ <b>RH-ETR</b>	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
■ <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab	□ <b>RH-MTR</b>	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
□ <b>PST-CF4</b>	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat	■ <b>GLAS-TIN</b>	Tinted windows.
□ <b>PST-CF5</b>	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat	□ <b>SWIND-BS</b>	Extra side window on both sides behind "B" pillar
□ <b>PST-STD2</b>	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted in cab	□ <b>SWIND-PS</b>	Cab side window - Left side rear behind 'B' post
□ <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted in cab	□ <b>AWIND-RF</b>	Rear window
□ <b>SBPRE-PS</b>	Passenger seat belt pretensioner	□ <b>VANMIR</b>	Vanity mirror in front shelf
□ <b>ARMRE-BB</b>	Armrests - Two on both driver & passenger seats	□ <b>AS-FUS</b>	Extra shelf in front upper storage compartments
□ <b>ARMRE-DB</b>	Armrests - Two on the driver seat	□ <b>INFOT-PK</b>	Preparation kit for the mounting of a flat screen TV in cab above the driver's door, includes bracket, electrical and speaker connections
□ <b>ARMRE-PB</b>	Armrests - Two on the passenger seat		
□ <b>ARU-BAS</b>	Armrest upholstery - Vinyl		
□ <b>ARU-LEA</b>	Armrest upholstery - Leather		
■ <b>FMAT-RUB</b>	Footwell floor mats - Rubber		

■ Standard Equipment

□ Optional Equipment

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# MODEL RANGE

## NEW FM 13 8x4 Rigid - Pusher Axle Tridem – contact sales engineering reference

<input type="checkbox"/> <b>BUMP-B</b>	Plastic front bumper	<input type="checkbox"/> <b>ANT-CBR</b>	Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.
<input checked="" type="checkbox"/> <b>BUMP-B2</b>	Steel front bumper	<input type="checkbox"/> <b>ACCBR-AP</b>	Front, middle & rear roof mounted accessory brackets
<input type="checkbox"/> <b>BUMP-SP</b>	Front bumper spoiler	<input type="checkbox"/> <b>ACCBR-F</b>	Front roof mounted accessory bracket
<input type="checkbox"/> <b>GUARD-EH</b>	Engine guard to protect sump and engine hoses	<input type="checkbox"/> <b>ACCBR-FM</b>	Front & middle roof mounted accessory brackets
<input checked="" type="checkbox"/> <b>BUGNET</b>	Insect screen in front of radiator	<input type="checkbox"/> <b>ACCBR-FR</b>	Front & rear roof mounted accessory brackets
<input type="checkbox"/> <b>CTILT-P-E</b>	Electrically operated hydraulic cab tilt	<input type="checkbox"/> <b>ACCBR-M</b>	Middle roof mounted accessory bracket
<input checked="" type="checkbox"/> <b>CTILT-P-M</b>	Manually operated hydraulic cab tilt	<input type="checkbox"/> <b>ACCBR-R</b>	Rear roof mounted accessory bracket
<input type="checkbox"/> <b>FCABS-A</b>	Front cab suspension - Air	<input type="checkbox"/> <b>ACCBR-RM</b>	Rear & middle roof mounted accessory brackets
<input checked="" type="checkbox"/> <b>FCABS-M</b>	Front cab suspension - Mechanical spring	<input type="checkbox"/> <b>REFS-TW</b>	White cab conspicuity markings by packed in cab
<input type="checkbox"/> <b>RCABS-A</b>	Rear cab suspension - Air	<input type="checkbox"/> <b>REFS-TY</b>	Yellow cab conspicuity markings by packed in cab
<input checked="" type="checkbox"/> <b>RCABS-M</b>	Rear cab suspension - Mechanical spring	<b>SUPERSTRUCTURE PREPARATIONS</b>	
<input type="checkbox"/> <b>MIRCFCPS</b>	Mirrors - Electrically heated and operated main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm.	<input type="checkbox"/> <b>SRWL-PK</b>	Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
<input type="checkbox"/> <b>MIRCFCPX</b>	Mirrors - Electrically heated and operated - FMX- main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings	<input type="checkbox"/> <b>SWL-2FW</b>	Chassis-mounted working lamps - Two white front-mounted LED lamps
<input type="checkbox"/> <b>MIRCOMF</b>	Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side	<input type="checkbox"/> <b>SWL-2RW</b>	Chassis-mounted working lamps - Two white rear-mounted LED lamps
<input type="checkbox"/> <b>MIRCOMFX</b>	Electrically heated and operated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings	<input type="checkbox"/> <b>SWL-4W</b>	Chassis-mounted working lamps - Four white front and rear-mounted LED lamps
<input checked="" type="checkbox"/> <b>MIRSTD</b>	Electrically heated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side	<input type="checkbox"/> <b>SWL-PK</b>	Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
<input type="checkbox"/> <b>MIRSTDX2</b>	Electrically heated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings	<input type="checkbox"/> <b>WLC-H2A</b>	Two H3/70W working lamps with amber coloured lens high mounted back of cab
<input checked="" type="checkbox"/> <b>AMIR-F20</b>	Auxiliary front view mirror with a 200mm radius	<input type="checkbox"/> <b>WLC-H2W</b>	Two H3/70W white working lamps high mounted on the back of cab
<input type="checkbox"/> <b>SUNV-H</b>	External smoke grey sunvisor	<input type="checkbox"/> <b>WLC-PKCH</b>	Working lamp back of cab - Preparation kit - cables and switch
<input type="checkbox"/> <b>AD-ROOF</b>	Roof air deflector	<input type="checkbox"/> <b>WLC-PKH</b>	Preparation kit, cables and switch for high mounted working lamps back of cab
<input type="checkbox"/> <b>AD-SIDES</b>	Short cab side air deflector for rigid bodywork	<input type="checkbox"/> <b>WLC-PKL</b>	Preparation kit, cables and switch for low mounted working lamps back of cab
<input checked="" type="checkbox"/> <b>HL-BASIC</b>	Halogen H7 head lamps	<input type="checkbox"/> <b>WLC-PKLH</b>	Preparation kit - cables and switch for low and high mounted working lamps back of cab.
<input type="checkbox"/> <b>HL-CLEAN</b>	Head lamp cleaner - washer jets	<input checked="" type="checkbox"/> <b>ECBB-HIG</b>	Body builder electrical centre with body builder module
<input type="checkbox"/> <b>HLP-ST</b>	Headlamp protection	<input type="checkbox"/> <b>BBCHAS1</b>	One 7-pole connector for Body builder interface
<input type="checkbox"/> <b>HL-ADJ</b>	Headlight adjustment - Switch in cab	<input type="checkbox"/> <b>BBCHAS3</b>	Three 7-pole connectors for Body builder interface
<input type="checkbox"/> <b>DRIVL2</b>	Two spot lamps	<input type="checkbox"/> <b>BEPR-T2</b>	Body builder electrical software preparation for tipper with remote control
<input checked="" type="checkbox"/> <b>UDRIVL</b>	Without auxiliary driving lights	<input type="checkbox"/> <b>EXSTER</b>	External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
<input checked="" type="checkbox"/> <b>FOGL-WC</b>	Front fog lights	<input type="checkbox"/> <b>TD-BAS</b>	Trailer detection WITHOUT LED sensing
<input type="checkbox"/> <b>CL-STAT</b>	Static corner lights	<input checked="" type="checkbox"/> <b>TD-LED</b>	Trailer detection with LED sensing
<input type="checkbox"/> <b>ASL-RF2</b>	Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.	<input type="checkbox"/> <b>FRFS-B5</b>	Frame rail free space on both sides to give space for crane legs or other equipment.
<input type="checkbox"/> <b>BEACOA2F</b>	Roof beacons - Two front roof mounted amber LED	<input type="checkbox"/> <b>FBA-BTF</b>	Lower front body attachments for torsionally flexible - platform body
<input type="checkbox"/> <b>BEACOA2R</b>	Roof beacons - Two rear roof mounted amber LED	<input type="checkbox"/> <b>FBA-BTSF</b>	Lower front body attachments for torsionally semi-flexible body - box or curtainsider
<input type="checkbox"/> <b>BEACON-P</b>	Roof beacons - wiring preparation only	<input type="checkbox"/> <b>HBA-FSFB</b>	Holes for body attachments - flexible/semi-flexible body
<input type="checkbox"/> <b>BEACONA4</b>	Roof beacons - Four amber LED - two front/ two rear	<input type="checkbox"/> <b>HBA-SB</b>	Holes for body attachments - stiff body
<input type="checkbox"/> <b>CABPT-R1</b>	Single outlet for roof mounted accessories	<input type="checkbox"/> <b>RBA-T2</b>	Lower rear body attachments for helper frame
<input checked="" type="checkbox"/> <b>CABPT-R2</b>	Twin outlets for roof mounted accessories.	<input type="checkbox"/> <b>CRANEPK1</b>	Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
<input type="checkbox"/> <b>SPOTP-F</b>	Spotlamp preparation in front, max 280W	<input type="checkbox"/> <b>CRANEPK2</b>	Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
<input type="checkbox"/> <b>SPOTP-R</b>	Spotlamp preparation on roof, max 280W	<input type="checkbox"/> <b>CRANEPK4</b>	Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
<input type="checkbox"/> <b>SPOTP-RF</b>	Spotlamp preparation on cab roof and in cab front, max 2x280W	<input type="checkbox"/> <b>AUXL-SPK</b>	Electrical preparation kit - wiring and switch for snow plough lights
<input type="checkbox"/> <b>ROS-IL2</b>	Preparation kit for illuminated roof sign with switch loose in cab, fit after registration	<input type="checkbox"/> <b>TAILPRE2</b>	Tail lift preparation kit, wireless remote operation
<input type="checkbox"/> <b>CSGN-GTR</b>	"Globetrotter" headboard logo	<input type="checkbox"/> <b>TAILPREP</b>	Tail lift preparation kit - cab switch and warning in driver display
<input checked="" type="checkbox"/> <b>HORN-F1S</b>	Horn - Air single tone - chassis mounted	<input type="checkbox"/> <b>AESW2</b>	Two Body builder bistable electrical switches (marked AUX1 / AUX2)
<input type="checkbox"/> <b>HORN-R2S</b>	Horn - Air - Two roof-mounted		

Standard Equipment

Optional Equipment

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- **AESW2PK** 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
- **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

### DELIVERY SERVICES

- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
- **FMS-PK** Fleet Management System gateway
- **DRUT2** Driver utility app - "My Truck" - two-year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription



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