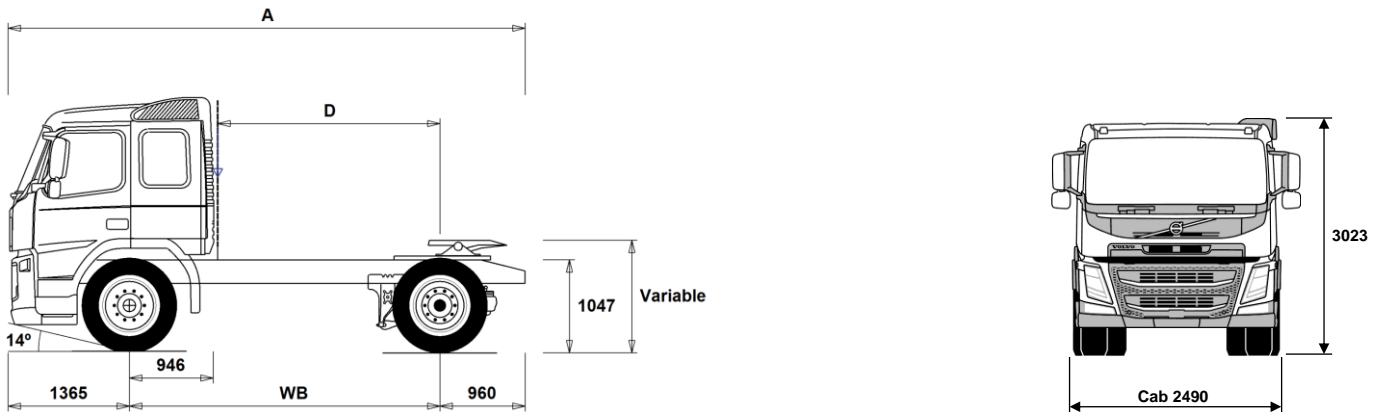


# MODEL RANGE



Volvo Trucks. Driving Progress

FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA



## Chassis Dimensions [mm]

WB Wheelbase	3500	3600	3700	3800
A Overall Chassis Length	5825	5925	6025	6125
D Center of rear axle to back of cab	2504	2604	2704	2804
F Fifth Wheel Position (EC Directive 96/53)	375	375	375	375

## Chassis Weights [kg]

Front Axle	4370	4370	4370	4375
Rear Axle	1880	1880	1890	1895
Kerb Weight	6250	6250	6260	6270

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12700	13100	13400	13700
Turning Circle Diameter Wall to Wall	14200	14500	14800	15100

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	18000	20100
Gross Combination Weight	40000	44000
Front Axle	7100	7100
Rear Axle	11500	13000

## Important Notes

### Chassis Dimensions

Cab Height: +416 mm for CAB-HSLP, -169 mm for CAB-LSLP, +554 mm for CAB-XHSL.

Front Axle to Back of Cab: -424 mm for CAB-DAY, -6 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.

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  $\pm 3\%$ .**

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM42T3HA.

# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

### TRUCK USE

- RC-ROUGH** Operating class on/off road
- RC-SMOOT** Operating class highway

### CORE COMPONENTS

- CHH-HIGH** Chassis height high - N3 "On Road" chassis - For a specific loading height always check the unique BEP chassis drawing
- CHH-MED** Chassis height medium - For a specific loading height always check the unique BEP chassis drawing
- RAD-G4** RAD-G4 - 4x2 Air - Lite
- RAD-GR** RAD-GR- 4x2 Air - High
- FM-DAY** Day cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP** Globetrotter cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP** Low sleeper cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP** Sleeper cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-XHSL** Globetrotter LXL cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro 6
- D13 420S** D13K420 12.8 litre engine developing 420hp at 14-1800rpm.  
Peak torque 2100Nm at 860 -1400rpm.
- D13 460S** D13K460 12.8 litre engine developing 460hp at 14-1800rpm.  
Peak torque 2300Nm at 900-1400rpm.
- D13 500S** D13K500 12.8l engine 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** Exhaust brake controlled by steering column switch
- EBR-EPGC** Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2412F** AT2412F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 44tonne only refer to sales engineering when used in conjunction with a PTO
- AT2612F** AT2612F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 60tonne only refer to sales engineering when used in conjunction with a PTO
- ATO2612F** ATO2612F 12-speed "I-shift" overdrive automated mechanical gearbox suitable for gross train weights up to 60tonne refer to sales engineering when used in conjunction with a PTO
- PT2606** Powertronic automatic 6-speed gearbox, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- SPO2812** SPO2812 - 12 speed I-shift Dual Clutch automated mechanical gearbox GCW 60tonne
- RSH1370F** RSH1370F hub reduction rear axle with differential lock - design GCW 70 tonne
- RSS1344E** RSS1344E single reduction rear axle with differential lock - design GCW 44tonne
- RSS1352A** RSS1352A single reduction 13 tonne rear axle with differential lock - design GCW 52 tonne
- RSS1356** RSS1356 single reduction rear axle with differential lock - design GCW 56 tonne
- RSS1370A** RSS1370A single reduction 13 tonne rear axle with differential lock - design GCW 70 tonne
- RSS1370B** RSS1370B single reduction 13 tonne rear axle with differential lock - design GCW 70 tonne

Standard Equipment

Optional Equipment

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

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### PACKAGES

- LHFP-VE** Long Haul Fuel Economy driving package
- LHFP-VE+** Long Haul Fuel Economy plus driving package
- AIRFLPAC** Air flow package including roof and side air deflectors plus chassis skirts
- DRIVEFM** Cab Package: Drive
- DRIVEFM+** Cab Package: Drive +
- BEDFM** One bed resting package
- AUDHIG** High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from CD -, with integrated bluetooth phone and USB/Line inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.
- MEDIA** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal apps.
- MEDIADF** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Dynafleet vehicle on-board data display with office internet support.
- MEDIANAV** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Truck based satellite navigation (live updates not included)
- MEDIANDF** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Truck based satellite navigation (live updates not included) Dynafleet vehicle on-board data display with office internet support.
- VISI15** Visibility Package
- VISI15+** Visibility Plus Package
- ASAF15** Active Safety Package

### 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 tonnes - Ensure that you have checked the tyre load index
- FAL7.1** Front axle design capacity 7.1 tonnes
- FAL7.5** Front axle design capacity 7.5 tonnes
- FAL8.0** Front axle design capacity 8.0 tonnes - Ensure that you have checked the tyre load index
- FAL8.5** Front axle design capacity 8.5 tonnes
- FAL9.0** Front axle design capacity 9.0 tonnes - Ensure that you have checked the tyre load index
- FSM-LUB** Lubricated rear shackles on front suspension pins and bushings
- FSTAB** Front anti-roll bar
- FSTAB2** Front anti-roll bar medium stiffness
- FSTAB3** Front stiff anti-roll bar
- RAL11.7** Rear bogie design capacity 11.7 tonnes
- RAL13** Rear axle design capacity 13 tonnes
- RSTAB1** Rear anti-roll bar
- RSTAB3** Rear stiff anti-roll bar
- ASF-DL1** Air suspension with 1 driving level
- ASF-DL3** Air suspension with 3 driving levels
- ACTST-TO** Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay

# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering with personal settings and stability assist
- ASFE-PS** Active steering feature - 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
- EBS-MED** EBS medium package including "hill" hold function
- AUXPARK** Additional spring parking brakes
- FBREG-E** Front regulating brake valve, EBS
- SUSPL-EC** Remote electronic control on wander-lead for air suspension levelling
- FRAME266** Frame rail section external height 266 mm
- FRAME300** Frame rail section external height 300 mm
- FST6060** Frame thickness - web and flange 6.0mm
- FST6565** Frame thickness - web and flange 6.5mm
- FST7070** Frame thickness - web and flange 7.0mm
- FST8080** Frame thickness - web and flange 8.0mm
- FIL-EEEB** Inner liner from end of engine to end of bogie
- FIL-TXEB** Inner liner from gearbox member to end of bogie
- BBOX-EF** Battery box located in the end of frame
- BBOX-L** Battery box located on 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** 2 x 210 Ah capacity Gel batteries
- 2BATT170** 2 x 170 Ah capacity batteries
- 2BATT225** 2 x 225 Ah capacity batteries
- BATTAMP** Battery voltage and ampere gauge
- BATTIND** Battery charge indication
- ADR2** ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted separately)
- MSWI-A** Main switch - ADR switch circuit shut down
- MSWI-C** Main switch - Chassis mounted toggle switch by battery box
- MSWI-R** Main switch - Key fob operated remote controlled
- R330A71** Right aluminium 710 mm D-shaped fuel tank, 330 litres volume  
Min volume 255l  
Max volume 810l
- UL-FUEL** Without left fuel tank  
Min volume 160l  
Max volume 900l
- ADTP-BC** AdBlue tank behind/under cab on right hand side
- ADTP-L** AdBlue tank on left hand side
- ADTP-R** AdBlue tank on right hand side
- ADB048** AdBlue tank usable volume 48 litres
- ADB050** AdBlue tank usable volume 50 litres - under cab
- ADB064** AdBlue tank usable volume 64 litres
- ADB068** AdBlue tank usable volume 68 litres
- ADB090** AdBlue tank usable volume 90 litres
- ADB100** AdBlue tank usable volume 100 litres
- ADTC-BF** AdBlue tank cover with satin alloy look decorative cover
- FCAP-L** Locking fuel filler cap
- FUFF-AS** Fuel filling anti-spillage device
- FUFF-ATS** Fuel filling anti-theft and anti-spillage devices
- ESH-LEFT** Horizontal silencer, left exhaust outlet
- ESH-REAR** Horizontal silencer, rear exhaust outlet
- ESH-RIGH** Horizontal silencer, right exhaust outlet
- ESH-VERT** Horizontal silencer, vertical exhaust outlet
- EXST-SSP** Stainless steel exhaust stack - NOT polished
- WHC-FIX1** One fixed wheel chock
- WHC-FIX2** Two fixed wheel chocks
- WHC-FOL1** One foldable wheel chock
- WHC-FOL2** Two foldable wheel chocks
- WHCP-F** Wheel chock(s) stored in the front part of the vehicle
- WHCP-M** Wheel chock(s) stored in the middle part of the vehicle
- WHCP-T** Transport mounted wheel chock(s) stored in cab outer luggage locker
- TB-L80** Toolbox 800 mm, left side
- TB-R80** Toolbox 800 mm, right side
- SUP-BAS** EC approved chassis side guards
- SUP-LOW** EC approved low chassis side guards
- CHAIN-S** Snow chains
- HOOK-SC** Snow chain hooks
- TOWF-NO1** One front towing device
- TOWF-NO2** Two front towing devices
- RFEC-B** Rear frame end, bent down - standard for tractor vehicles
- TOWR-ONE** Towing hitch attached to rear crossmember
- TREL15** Single 15 pole electrical trailer connector - ADR certified
- TREL7** 7 pole - 24N trailer electrical suzie
- TREL7-7** 24N and 24S trailer electrical suzies
- TBC-DUO** Duomatic type air line connectors
- TBC-EC** Palm coupling type air line connectors
- TBC-GBR** 'C' and 'CA' type air line 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
- 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** Aluminium air tanks
- ATANK-ST** Steel air tanks
- TL-LED** Rear lights LED
- BLIGHT-E** Emergency brake light

### WHEELS & TYRES

- RT-AL** Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
- RT-ALDP** Alcoa Dura-Bright EVO aluminium rims with standard holes long stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- RT-ALDPD** Alcoa Dura-Bright EVO aluminium rims with countersunk holes for short stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- RT-ALDU** Alcoa brushed aluminium rims with countersunk holes for short stud fixing on all axles
- RT-STEEL** Steel rims on all axles
- WCAP** Aerodynamic hub caps
- BRREC002** Bridgestone Ecopia H 002 Evo - Tyre recommendation 2
- COREC001** Continental ECOPLUS HS3 XL/HD3 - Energy rating B or C depending on size
- COREC002** Continental ECOPLUS HS3/HD3 - Energy rating B or C depending on size
- COREC003** Continental Efficient Pro S/D - Fuel Tyre Recommendation 3 Reduced mileage compared to Conti EcoPlus long haul pattern please consider when selecting these tyres.
- GYREC002** Goodyear FUELMAX S/D - Energy rating B or C depending on size

Standard Equipment       Optional Equipment

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# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

- GYREC003** Goodyear FUELMAX S/(O)/D - Fuel tyre Recommendation 3
  - GYREC004** Goodyear FUELMAX S - Energy rating B depending on size
  - HAREC001** Hankook AL10+ E-Cube Max Long Haul Tyre - Energy rating B
  - HAREC002** Hankook AL10+ E-Cube Long Haul Tyre - Energy rating B with wide single
  - MIREC001** Michelin XFA2/X-LINE Energy - Fuel tyre Recommendation 1
  - MIREC002** Michelin XZA2/X-LINE Energy - Fuel tyre Recommendation 2
  - MIREC003** Michelin X-LINE Energy - Fuel tyre Recommendation 3
  - MIREC004** Michelin X Line Energy F/D2 - Energy rating A
  - PIREC001** Pirelli FH:01 Proway - Long Haul Tyre - Energy rating B
  - PIREC002** Pirelli FH:01 II Long Haul Tyre - Energy rating B with wide single
  
  - 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-RF** Spare wheel carrier on right side of chassis ahead of rear axle
  - 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
  
  - INFLAHOS** Tyre inflation hose
  
  - GAUGE-TP** Tyre pressure gauge
- ### DRIVELINE EQUIPMENT
- TRAP-HD** Reinforced gearbox application
  
  - TP-CON** Construction Package
  - TP-DIST** Distribution Package
  - TP-LONG** Long Haul Package
  
  - AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
  
  - AVO-ENH** Enhanced software for off road driveability and starting
  
  - APF-ENH** I-shift enhanced PTO functions
  
  - RET-TH** Gearbox mounted retarder
  - RET-TPT** Hydraulic Retarder for Powertronic gearbox
  
  - TC-HWO** Automatic gearbox 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
  
  - 1COMP530** Single cylinder, air compressor, 530 litres per minute
  - 2COM1100** Two cylinder, air compressor, 1100 litres per minute
  - 2COMP900** Two cylinder, air compressor, 900 litres per minute
  
  - CLU-AIRC** Clutchable air compressor
  
  - AIRIN-HI** Roof mounted air intake behind cab on left hand side
  - AIRIN-LO** Low level air intake behind cab on left hand side
  
  - ACL1ST-S** Two stage air filter
  
  - 24AL110B** 110 amp alternator
  - 24AL120B** 120 amp alternator
  - 24AL150B** 150 amp alternator
  
  - CCV-C** Closed crankcase engine ventilation
  - CCV-O** Open crankcase engine breather
  - CCV-OX** Closed crankcase ventilation for cold markets
  
  - PRIM-EL** Electrical priming pump
  - PRIM-MAN** Manual priming pump
  
  - FUEQ-EH** Fuel line electric heater
  
  - 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** Air inlet manifold starting heater element
  
  - 220EBH15** 220V/1.5Kw electric engine block heater
  
  - PTER-100** Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange
  - PTER-DIN** Rear engine mounted PTO 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** Rear engine mounted power-take-off 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
  
  - EIDLESD** Engine idle shut down
  - DTRI-PER** Dashboard in darker peregrine greyish brown. Steering wheel grey and door panels in light beige for FH and black for FH16.
  
  - STWPOS-R** RIGHT HAND DRIVE
  - STWWM-LE** Leather steering wheel
  - STGW-AD2** Adjustable steering wheel with neck tilt
  - STGW-ADJ** Adjustable steering wheel
  
  - AIRBAG** SRS Driver's air bag
  
  - DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration
  
  - 1DAYDIG2** Continental VDO DTCO 4.0 smart tachograph  
This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this

Standard Equipment       Optional Equipment

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# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

- |   |  |
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| <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>1DAYDIGP</b> order.<br/>Continental VDO DTCO 3.0 digital tachograph<br/>For vehicles with long lead time - this includes prep kit for the retrofit of DTCO 4.0 tachograph.<br/>For updating to new legal demand for trick registration from 15th June 2019.<br/>This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.</li> <li><input type="checkbox"/> <b>ARSL</b> Additional road speed limit - switch in dashboard</li> <li><input type="checkbox"/> <b>CRUIS-E</b> Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)</li> <li><input checked="" type="checkbox"/> <b>CRUISEC</b> Cruise control, standard</li> <li><input checked="" type="checkbox"/> <b>ESP-BAS1</b> Electronic Stability Control</li> <li><input type="checkbox"/> <b>ESPC-RO</b> ESP (Electronic Stability Program) functionality control - Reduced / Off</li> <li><input type="checkbox"/> <b>HWSS-ACB</b> Adaptive cruise control ACC with forward collision warning and AEBs advanced emergency brake system</li> <li><input checked="" type="checkbox"/> <b>HWSS-FCB</b> Forward collision warning with AEBs advanced emergency brake system</li> <li><input checked="" type="checkbox"/> <b>LSS-DW</b> Lane departure-warning system</li> <li><input type="checkbox"/> <b>LCS</b> Lane change support</li> <li><input type="checkbox"/> <b>DAS-W</b> Driver Alert Support system</li> <li><input type="checkbox"/> <b>RSENS-W</b> Rain sensing windscreen wipers</li> <li><input type="checkbox"/> <b>CU-ECC</b> Electrically controlled air conditioning with sun sensor</li> <li><input type="checkbox"/> <b>CU-ECC2</b> Electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter</li> <li><input checked="" type="checkbox"/> <b>CU-MCC</b> Climate unit with manual controlled air conditioning</li> <li><input checked="" type="checkbox"/> <b>IMMOBIL</b> Thatcham H2 approved immobiliser</li> <li><input type="checkbox"/> <b>ALARM-B</b> Thatcham H1 approved vehicle alarm - Cab only</li> <li><input type="checkbox"/> <b>ALARM-E</b> Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer</li> <li><input type="checkbox"/> <b>ALCOLOCK</b> Alcolock</li> <li><input type="checkbox"/> <b>BUPMON</b> Back up monitor with built in 7" screen on dash and one colour camera supplied loose for fitment by bodybuilder.<br/>Can accommodate up to 4 cameras for TfL Safe Scheme, CLOCS and FORS.</li> <li><input type="checkbox"/> <b>PHONE-PK</b> Telephone preparation kit (antenna, antenna attachm. cable incl.)</li> <li><input type="checkbox"/> <b>WLIFT-AD</b> Electrical window lift, automatic up/down driver side</li> <li><input checked="" type="checkbox"/> <b>WLIFT-EB</b> Electrical window lift</li> <li><input type="checkbox"/> <b>WLIFT-ME</b> Mechanical window lift</li> <li><input type="checkbox"/> <b>ISUNS-BS</b> Side interior sun visor on both sides</li> <li><input checked="" type="checkbox"/> <b>ISUNS-DS</b> Driver's side interior sun visor</li> <li><input checked="" type="checkbox"/> <b>ISUNF-B</b> Interior front sun visor without mirror</li> <li><input type="checkbox"/> <b>ISUNF-MD</b> Interior front sun visor with mirror on driver side</li> <li><input type="checkbox"/> <b>ISUNF-RE</b> Electrically operated textile interior sun blind</li> <li><input type="checkbox"/> <b>ISUNF-RM</b> Manually operated textile interior sun blind</li> <li><input type="checkbox"/> <b>ADFS</b> Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory</li> <li><input checked="" type="checkbox"/> <b>BUPALARM</b> Reverse alarm</li> <li><input type="checkbox"/> <b>RTOLL-PK</b> Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany</li> <li><input type="checkbox"/> <b>LOADIND</b> Load indicator with central dashboard display</li> <li><input type="checkbox"/> <b>REMC-MF</b> Multi-functio wireless remote control</li> <li><input type="checkbox"/> <b>FIREXT3S</b> 3kg fire extinguisher mounted on seat base</li> <li><input type="checkbox"/> <b>WARNVEST</b> High visibility warning vest - no sleeves</li> <li><input type="checkbox"/> <b>AIDKIT</b> First aid kit</li> <li><input type="checkbox"/> <b>AIDKIT1B</b> First aid kit</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>WARNLAMP</b> Portable warning lamp</li> <li><input type="checkbox"/> <b>LAMP-IN</b> Inspection lamp</li> <li><input type="checkbox"/> <b>BULBKIT</b> Bulb and fuse kit</li> <li><input type="checkbox"/> <b>WRITEPAD</b> Writing pad</li> <li><input type="checkbox"/> <b>UPHTRI10</b> Seats: Black embossed textile insert with light grey sides, black vinyl side bolster with blue vinyl side insert.<br/>Interior trim: Raven black bunk and curtains &amp; blue textile side walls</li> <li><input type="checkbox"/> <b>UPHTRI11</b> Seats: Light grey embossed textile insert, black raven metallic vinyl bolster with red vinyl side insert.<br/>Interior trim: Raven black bunk and curtains &amp; grey vinyl side walls</li> <li><input type="checkbox"/> <b>UPHTRI12</b> Seats: Blue soft textile insert, black vinyl bolster.<br/>Interior trim: Raven black bunk and curtains &amp; blue textile side walls</li> <li><input type="checkbox"/> <b>UPHTRI13</b> Seats: Dark grey leather insert and black leather bolster.<br/>Interior trim: Raven black bunk and curtains &amp; grey vinyl side walls</li> <li><input type="checkbox"/> <b>UPHTRI14</b> Seat: Dark grey leather insert and black leather bolster.<br/>Interior trim: Raven black bunk and curtains &amp; blue textile side walls</li> <li><input checked="" type="checkbox"/> <b>DST-CF4</b> Driver seat, comfort, suspended, belt in seat</li> <li><input type="checkbox"/> <b>DST-CF5</b> Driver seat, comfort, suspended, belt in seat, electrically heated</li> <li><input type="checkbox"/> <b>DST-CF6</b> Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated</li> <li><input type="checkbox"/> <b>SBD-RED</b> Red seat belts</li> <li><input type="checkbox"/> <b>SBPRE-DS</b> Driver seat belt pretensioner</li> <li><input checked="" type="checkbox"/> <b>PST-BAS1</b> Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab</li> <li><input type="checkbox"/> <b>PST-BENC</b> Bench passenger seat</li> <li><input type="checkbox"/> <b>PST-CF4</b> Passenger seat - Comfort suspended with seatbelt mounted in seat</li> <li><input type="checkbox"/> <b>PST-CF5</b> Passenger seat - Comfort suspended &amp; heated with seatbelt mounted in seat</li> <li><input type="checkbox"/> <b>PST-STD2</b> Passenger seat - Fixed non suspended with seatbelt mounted in cab</li> <li><input type="checkbox"/> <b>PST-STD4</b> Passenger seat - Standard suspended with seatbelt mounted in cab</li> <li><input type="checkbox"/> <b>SBPRE-PS</b> Passenger seat belt pretensioner</li> <li><input type="checkbox"/> <b>ARM-DBPS</b> Two armrests on driver seat and one (outer) on passenger seat</li> <li><input type="checkbox"/> <b>ARMRE-BB</b> Two armrests on both driver and passenger seat.</li> <li><input type="checkbox"/> <b>ARMRE-DB</b> Two armrests, on driver seat only</li> <li><input type="checkbox"/> <b>ARMRE-PB</b> Two armrests, on passenger seat only</li> <li><input type="checkbox"/> <b>ARMRE-PS</b> Single armrest (next to driver) on passenger seat</li> <li><input type="checkbox"/> <b>ARU-BAS</b> Vinyl upholstered armrest</li> <li><input type="checkbox"/> <b>ARU-LEA</b> Leather upholstered armrest</li> <li><input checked="" type="checkbox"/> <b>FMAT-RUB</b> Rubber floor mats</li> <li><input type="checkbox"/> <b>FMAT-TX2</b> Textile and rubber floor mats</li> <li><input type="checkbox"/> <b>LBK-RES</b> Foldable rest bunk</li> <li><input checked="" type="checkbox"/> <b>LBK70</b> Lower bunk 700 x2000 mm, fixed</li> <li><input type="checkbox"/> <b>ULBK</b> Without lower bunk</li> <li><input type="checkbox"/> <b>MATL-FI</b> Firm lower bunk pocket sprung mattress</li> <li><input checked="" type="checkbox"/> <b>MATL-SF</b> Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone</li> <li><input type="checkbox"/> <b>MATL-SO</b> Lower flexizone mattress - soft, pocket springs up to 85kg - 13.5 stone</li> <li><input type="checkbox"/> <b>OLMAT-BA</b> 35mm mattress overlay protector</li> <li><input type="checkbox"/> <b>OLMAT-PR</b> 50mm premium mattress overlay protector</li> <li><input type="checkbox"/> <b>TBK60F</b> Fixed foldable top bunk 600 x 1900mm</li> <li><input type="checkbox"/> <b>TBK70F</b> Fixed foldable top bunk 700 x 1900mm</li> <li><input type="checkbox"/> <b>PH-CAB2</b> 1.8kW Air to air night heater</li> <li><input type="checkbox"/> <b>PH-ENGCA</b> Engine and cab night heater</li> <li><input type="checkbox"/> <b>PH-SS</b> Short stop heater</li> </ul> |
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For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

- SLCP-BAS** Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock
  - SAFE** Safe box for driver's personal items
  - ETSB-F** Storage on engine tunnel - on front top
  - ETSB-FR** Storage on engine tunnel - on front top and at rear cab wall
  - ETSB-FRS** Storage on engine tunnel - on front top & at rear cab wall & storage recessed into tunnel on right hand side
  - ETSB-FS** Storage on engine tunnel - on front top and storage recessed into tunnel on right hand side
  - ETSB-R** Storage on engine tunnel - box at rear cab wall
  - ETSB-RS** Storage on engine tunnel - at rear cab wall and storage recessed into tunnel on right hand side
  - ETSB-S** Storage on engine tunnel - recessed into tunnel on right hand side
  - RUS-BAS** Rear cab upper storage 154 litres - 300 mm high
  - RUS-HIG** Rear cab upper storage 245 litres - 440 mm high
  - TABLE** Folding and height adjustable table - on lower bunk
  - REF-ICPK** Fridge: engine tunnel mounted preparation kit
  - REFR-RUS** Fridge: 28 litre rear upper wall mounted with dividers
  - MICRO-PK** Preparation kit for microwave oven (wiring)
  - BOTH-D** One bottle holder under dashboard centre section
  - COFMA-PK** Coffee maker, preparation kit.
  - INLI-BAS** Interior white LED lights - basic
  - INLI-NL** Interior white and red night LED light with no dimmer
  - INLI-NLD** Interior white and red night LED light with dimmer
  - ARL-FLEX** Two flexible reading lamps (snake lamps)
  - RH-ECS** Glass roof & escape hatch - Electrically operated
  - RH-EE** Without roof hatch -Tinted glass emergency exit ONLY
  - RH-ETR** Glass roof & escape hatch - Electrically operated, tinted glass with rear opening
  - RH-MSR** Steel roof & escape hatch - Manually operated with rear opening
  - RH-MTR** Glass roof & escape hatch - Manually operated, tinted glass with rear opening
  - URH** Without roof hatch
  - SWIND-BS** Extra side window on both sides behind "B" pillar
  - SWIND-PS** Rear side window, passenger side
  - VANMIR** Vanity mirror in front shelf
  - AS-FUS** Extra shelf in front upper storage compartments
  - INFOT-PK** Preparation kit for the mounting of a flat screen TV in cab above the driver's door, includes bracket, electrical and speaker connections
- ### CAB EXTERIOR
- PAICS-B** Basic cab paint - mirrors, sunvisor, instep and bumper supplied in natural finish - grey
  - PAICS-C** Complete cab - mirrors, insteps, sunvisor, and bumper finished in cab colour
  - GLAS-TIN** Tinted windows.
  - AWIND-RF** Rear window
  - DGLAS-L** Laminated door glass
  - LOCK-MAN** Manual door locking
  - LOCK-MRP** Manual door locking with internal remote control (from driver side) of passenger door
  - LOCK-REM** Central locking with remote control
  - BUMP-B** Plastic front bumper
  - BUMP-B2** Steel front bumper
  - BUMP-SP** Front bumper spoiler
  - GUARD-EH** Engine guard to protect sump and engine hoses
  - BUGNET** Insect screen in front of radiator
  - CTILT-P-E** Electrically operated hydraulic cab tilt
- CTILT-P-M** Manually operated hydraulic cab tilt
  - FCABS-A** Front cab suspension - Air
  - FCABS-M** Front cab suspension - Mechanical spring
  - RCABS-A** Rear cab suspension - Air
  - RCABS-M** Rear cab suspension - Mechanical spring
  - MIRCOMF2** Electrically heated and operated FMX style main and wide-angle mirror on both sides, with manual passenger kerb mirror. To increase direct vision to the side the main mirrors have no cowlings
  - MIRCOMFM** Electrically heated and operated main with manual wide-angle mirror - both sides - and passenger kerb mirror
  - MIRSTD2** Electrically heated - FMX - main with wide angle mirror on both sides and kerb view mirror on passenger side, to increase direct vision to the side the main mirrors have no cowlings
  - MIRSTDFM** Electrically heated main mirror with wide angle mirror on both sides and kerb view mirror on passenger side
  - AMIR-F20** Auxiliary front view mirror with a 200mm radius
  - SUNV-H** External smoke grey sunvisor
  - AD-ROOF** Roof air deflector
  - AD-SIDEL** Side air deflector extension panels
  - AD-SIDES** Short cab side air deflector for rigid bodywork
  - AD-CHASX** Chassis side skirts
  - ADCF-F** Additional black edging on chassis side skirt
  - HL-BASIC** Halogen H7 head lamps
  - HL-BHID** High intensity Bi-Xenon head lamps
  - HL-DBL** Bi-Xenon high intensity discharge and dynamic head lamps. Dipped beam follows the road, activated by a signal from the steering system.
  - HL-CLEAN** Head lamp cleaner - washer jets
  - HLP-ST** Headlamp protection
  - HL-ADJ** Headlight adjustment - Switch in cab
  - DRIVL2** Two spot lamps
  - UDRIVL** Without auxiliary driving lights
  - FOGL-WC** Front fog lights
  - CL-STAT** Static corner lights
  - ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights. Preparation kit for two spotlamps in sign box
  - ASL-RFPK** Preparation kit for two spotlamps in sign box
  - BEACOA2F** Two front roof mounted amber beacon rotating warning lamps
  - BEACOA2R** Two rear roof mounted (on accessory bracket) amber beacon flashing warning LED lamps
  - BEACON-P** Roof beacon wire preparation
  - BEACONA4** Four roof mounted (2 front/2 rear) amber beacon rotating warning lamps
  - CABPT-R1** Single outlet for roof mounted accessories
  - CABPT-R2** Twin outlets for roof mounted accessories.
  - SPOTP-F** Spotlamp preparation in front, max 280W
  - SPOTP-R** Spotlamp preparation on roof, max 280W
  - SPOTP-RF** Spotlamp preparation on cab roof and in cab front, max 2x280W
  - ROS-IL2** Preparation kit for illuminated roof sign with switch loose in cab, fit after registration
  - CSGN-GTR** "Globetrotter" headboard logo
  - HORN-F1S** Single tone Jericho air horn chassis mounted
  - HORN-R2S** Two roof mounted air horns
  - ANT-CBR** Roof mounted antenna for CB radio, single aerial
  - ACCBR-AP** Front, middle & rear roof mounted accessory brackets
  - ACCBR-F** Front roof mounted accessory bracket
  - ACCBR-FM** Front & middle roof mounted accessory brackets
  - ACCBR-FR** Front & rear roof mounted accessory brackets
  - ACCBR-M** Middle roof mounted accessory bracket

■ Standard Equipment

□ Optional Equipment

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# MODEL RANGE

## FM 13 4x2 Tractor - Rear Air Suspension FM 42 T3HA

- **ACCBR-R** Rear roof mounted accessory bracket
- **ACCBR-RM** Rear & middle roof mounted accessory brackets
- **RFCAR-BC** Rear mudwing carrier, back of cab
- **LADDER** Ladder back of cab
- **REFS-TW** White cab conspicuity markings by packed in cab
- **REFS-TY** Yellow cab conspicuity markings by packed in cab

### SUPERSTRUCTURE PREPARATIONS

- **5WM-ASL** 4mm high 'L' profiles for air actuated sliding 5th wheel
- **5WM-ASM** 50mm high 'L' profiles for air actuated sliding 5th wheel
- **5WM-ISOL** 5th wheel subframe 16mm high above chassis frame
- **5WM-ISOM** 5th wheel subframe 60mm high above chassis frame
- **5WM-LPRO** L profiles 50mm with 10mm thick plate
- **5WM-LPRO** 5th wheel attached direct to frame with inverted 'L'-profiles
- **5WM-MASL** 4mm high 'L' profiles for manual sliding fifth wheel
- **5WM-MASM** 50mm high 'L' profiles for manual sliding fifth wheel
- **5WH140** Fifth wheel leg-height 140 mm
- **5WH150** Fifth wheel leg-height 150 mm
- **5WH160** Fifth wheel leg-height 160 mm
- **5WH175** Fifth wheel leg height 175mm
- **5WH185** Fifth wheel leg-height 185 mm
- **5WH195** Fifth wheel leg-height 195mm
- **5WH200** Fifth wheel leg-height 200 mm
- **5WH205** Fifth wheel leg-height 205 mm
- **5WH210** Fifth wheel leg-height 210 mm
- **5WH220** Fifth wheel leg-height 220mm
- **5WH230** Fifth wheel leg-height 230 mm
- **5WT-FO14** Fontaine 150SP2 pressed steel fifth wheel
- **5WT-FO15** Fontaine 3000 lightweight cast fifth wheel with 150SF air operated slider - for moderate duty off road. Specified fifth wheel position always gives rearmost position.
- **5WT-JO10** Jost JSK 36 pressed fifth wheel
- **5WT-JO8** Jost JSK 37 cast fifth wheel
- **5WT-JO9** Jost JSK 42 cast fixed fifth wheel
- **5WT-SH** SAF-Holland/+GF+ SK-S 36.20 cast fixed fifth wheel
- **5WLM-B** Basic fifth wheel maintenance standard top plate
- **5WLM-L** Low maintenance fifthwheel with nylon top plate
- **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** Catwalk & step
- **RDECK-M** Rear catwalk 760mm
- **SRWL-PK** Wiring preparation for side & rear work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **SWL-2RA** Two H3 35W amber rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-2RW** Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-PK** Wiring preparation for side work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **WL-TA1W** White coupling light
- **WLC-H2A** Two H3/70W working lamps with amber coloured lens high mounted back of cab
- **WLC-H2W** Two H3/70W white working lamps high mounted on the back of cab
- **WLC-PKH** Preparation kit, cables and switch for high mounted working lamps back of cab
- **WLC-PKL** Preparation kit, cables and switch for low mounted working lamps back of cab
- **WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
- **ECBB-BAS** Body builder electrical centre without body builder module
- **ECBB-HIG** Body builder electrical centre with body builder module
- **BBCHAS1** One 7-pole connector for Body builder interface
- **BBCHAS3** Three 7-pole connectors for Body builder interface

- **BEPR-T2** Body builder electrical software preparation for tipper with remote control
- **EXSTER** External steering control, with VDS and bodybuilder module
- **TD-BAS** Trailer detection WITHOUT LED sensing
- **TD-LED** Trailer detection with LED sensing
- **AUXL-SPK** Electrical preparation kit - wiring and switch for snow plough lights
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Taillift preparation kit - cab switch and warning in driver display
- **AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **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** GSM/GPRS/4G modem, LTE & WLAN for telematics gateway
- **FMS-PK** Fleet Management System gateway

**VOLVO**

Volvo Truck Corporation

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