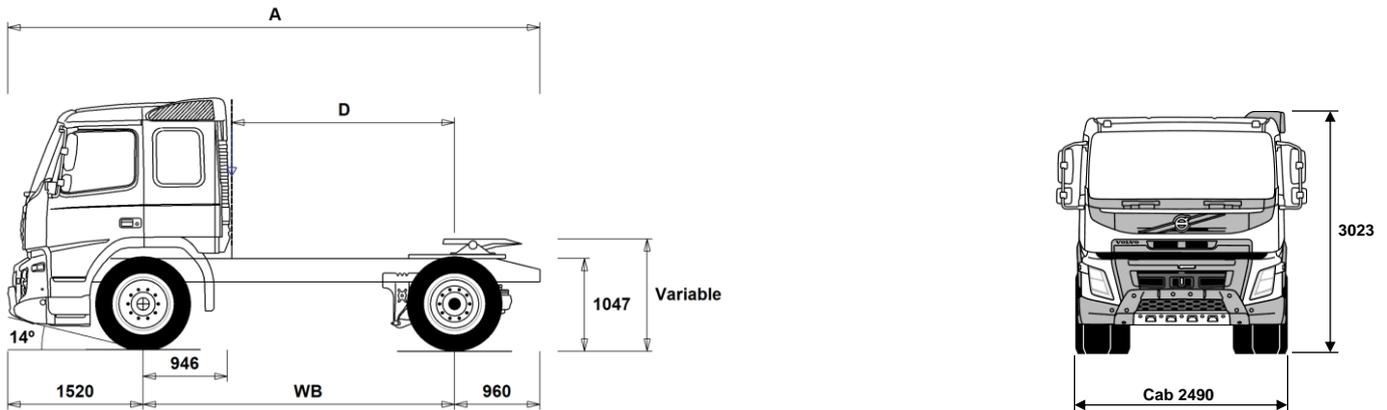


# MODEL RANGE



Volvo Trucks. Driving Progress

FMX11 4x2 Tractor - Rear Air Suspension FM 42 T1HAX



## Chassis Dimensions [mm]

WB Wheelbase	3500	3600	3700	3800
A Overall Chassis Length	5980	6080	6180	6280
D Center of rear axle to back of cab	2504	2604	2704	2804
F Fifth Wheel Position (EC Directive 96/53)	525	525	525	525

## Chassis Weights [kg]

Front Axle	4390	4385	4390	4390
Rear Axle	1820	1820	1830	1840
Kerb Weight	6210	6205	6220	6230

## 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, +554 mm for CAB-XHSL.  
Front Axle to Back of Cab: -424 mm for CAB-DAY.

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 FM42T1HAX.

# MODEL RANGE

## FMX11 4x2 Tractor - Rear Air Suspension FM 42 T1HAX

### 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
- FMX-DAY** Day cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FMX-HSLP** Globetrotter cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FMX-SLP** Sleeper cab - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro 6
- D11K330** D11K330 10.8 litre engine developing 330hp at 16-1900rpm.  
Peak torque 1600Nm at 950-1400rpm.
- D11K380** D11K380 10.8 litre engine developing 380hp at 17-1900rpm.  
Peak torque 1800Nm at 950-1400rpm.
- D11K430** D11K430 10.8 litre engine developing 430hp at 17-1800rpm.  
Peak torque 2050Nm at 1058-1400rpm.
- D11K460** D11K460 10.8 litre engine developing 450hp at 16-1800rpm.  
Peak torque 2200Nm at 1050-1400rpm.
- 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 retardation 300kW
- 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
- PT2106** Powertronic automatic 6-speed gearbox, max. engine torque 2100 Nm, max. permitted GCW 100000 kg
- 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

### PACKAGES

- 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

Standard Equipment

Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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- MEDIA** phone and USB/Line inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.  
AM/FM Bluetooth radio without CD player.  
USB and Aux line inputs.
- MEDIA DF** Speakers in dashboard, doors, and sleeping compartment.  
7" touch screen with personal apps.  
AM/FM Bluetooth radio without CD player.  
USB and Aux line inputs.
- MEDIA NAV** Speakers in dashboard, doors, and sleeping compartment.  
7" touch screen with personal and professional apps.  
Truck based satellite navigation (live updates not included)  
AM/FM Bluetooth radio without CD player.  
USB and Aux line inputs.
- MEDIA NDF** Speakers in dashboard, doors, and sleeping compartment.  
7" touch screen with personal and professional apps.  
Truck based satellite navigation (live updates not included)  
AM/FM Bluetooth radio without CD player.  
USB and Aux line inputs.
- VISIX15** Visibility 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
  - 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

# MODEL RANGE

## FMX11 4x2 Tractor - Rear Air Suspension FM 42 T1HAX

■ <b>AUXPARK</b>	Additional spring parking brakes	□ <b>CHAIN-S</b>	Snow chains
■ <b>FBREG-E</b>	Front regulating brake valve, EBS	□ <b>HOOK-SC</b>	Snow chain hooks
■ <b>SUSPL-EC</b>	Remote electronic control on wander-lead for air suspension levelling	■ <b>TOWF-HD1</b>	One heavy duty front towing device
■ <b>FRAME266</b>	Frame rail section external height 266 mm	■ <b>RFEC-B</b>	Rear frame end, bent down - standard for tractor vehicles
□ <b>FRAME300</b>	Frame rail section external height 300 mm	□ <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember
■ <b>FST6060</b>	Frame thickness - web and flange 6.0mm	□ <b>TREL15</b>	Single 15 pole electrical trailer connector - ADR certified
□ <b>FST6565</b>	Frame thickness - web and flange 6.5mm	□ <b>TREL7</b>	7 pole - 24N trailer electrical suzie
□ <b>FST7070</b>	Frame thickness - web and flange 7.0mm	■ <b>TREL7-7</b>	24N and 24S trailer electrical suzies
□ <b>FST8080</b>	Frame thickness - web and flange 8.0mm	□ <b>TBC-DUO</b>	Duomatic type air line connectors
□ <b>FIL-EEEB</b>	Inner liner from end of engine to end of bogie	□ <b>TBC-EC</b>	Palm coupling type air line connectors
□ <b>FIL-TXEB</b>	Inner liner from gearbox member to end of bogie	■ <b>TBC-GBR</b>	'C' and 'CA' type air line connectors
□ <b>BBOX-EF</b>	Battery box located in the end of frame	□ <b>TRBR-HCF</b>	Full pressure hand controlled trailer brake
■ <b>BBOX-L</b>	Battery box located on left hand side	■ <b>TRBR-STA</b>	Stationary trailer brake control
□ <b>2BAT210B</b>	2 x 210 Ah capacity Gel batteries	□ <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
■ <b>2BATT170</b>	2 x 170 Ah capacity batteries	■ <b>RFEND-B</b>	Three piece EC approved rear mud wings and spray flaps
□ <b>2BATT225</b>	2 x 225 Ah capacity batteries	■ <b>RFH-BAS</b>	Basic rear wing height
■ <b>BATTAMP</b>	Battery voltage and ampere gauge	□ <b>RFH-HIG</b>	High rear wing height - higher wing tops
□ <b>BATTIND</b>	Battery charge indication	□ <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
□ <b>ADR2</b>	ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted seperately)	□ <b>ATANK-AL</b>	Aluminium air tanks
□ <b>MSWI-A</b>	Main switch - ADR switch circuit shut down	■ <b>ATANK-ST</b>	Steel air tanks
■ <b>MSWI-C</b>	Main switch - Chassis mounted toggle switch by battery box	■ <b>TL-LED</b>	Rear lights LED
□ <b>MSWI-R</b>	Main switch - Key fob operated remote controlled	□ <b>BLIGHT-E</b>	Emergency brake light
■ <b>R330A71</b>	Right aluminium 710 mm D-shaped fuel tank, 330 litres volume Min volume 255l Max volume 810l	<b>WHEELS &amp; TYRES</b>	
■ <b>UL-FUEL</b>	Without left fuel tank Min volume 160l Max volume 900l	□ <b>RT-AL</b>	Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
□ <b>ADTP-BC</b>	AdBlue tank behind/under cab on right hand side	□ <b>RT-ALDP</b>	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.
□ <b>ADTP-L</b>	AdBlue tank on left hand side	□ <b>RT-ALDPD</b>	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.
■ <b>ADTP-R</b>	AdBlue tank on right hand side	□ <b>RT-ALDU</b>	Alcoa brushed aluminium rims with countersunk holes for short stud fixing on all axles
□ <b>ADB048</b>	AdBlue tank usable volume 48 litres	■ <b>RT-STEEL</b>	Steel rims on all axles
□ <b>ADB050</b>	AdBlue tank usable volume 50 litres - under cab	□ <b>WCAP</b>	Aerodynamic hub caps
■ <b>ADB064</b>	AdBlue tank usable volume 64 litres	□ <b>BRREC002</b>	Bridgestone Ecopia H 002 Evo - Tyre recommendation 2
□ <b>ADB068</b>	AdBlue tank usable volume 68 litres	□ <b>COREC001</b>	Continental ECOPLUS HS3 XL/HD3 - Energy rating B or C depending on size
□ <b>ADB090</b>	AdBlue tank usable volume 90 litres	□ <b>COREC002</b>	Continental ECOPLUS HS3/HD3 - Energy rating B or C depending on size
□ <b>ADB100</b>	AdBlue tank usable volume 100 litres	□ <b>COREC003</b>	Continental Efficient Pro S/D - Fuel Tyre Recommendation 3 Reduced mileage compared to Conti EcoPlus long haul pattern please consider when selecting these tyres.
□ <b>ADTC-BF</b>	AdBlue tank cover with satin alloy look decorative cover	□ <b>GYREC002</b>	Goodyear FUELMAX S/D - Energy rating B or C depending on size
■ <b>FCAP-L</b>	Locking fuel filler cap	□ <b>GYREC003</b>	Goodyear FUELMAX S/(O)/D - Fuel tyre Recommendation 3
■ <b>FUFF-AS</b>	Fuel filling anti-spillage device	□ <b>GYREC004</b>	Goodyear FUELMAX S - Energy rating B depending on size
□ <b>FUFF-ATS</b>	Fuel filling anti-theft and anti-spillage devices	□ <b>HAREC001</b>	Hankook AL10+ E-Cube Max Long Haul Tyre - Energy rating B
□ <b>ESH-LEFT</b>	Horizontal silencer, left exhaust outlet	□ <b>HAREC002</b>	Hankook AL10+ E-Cube Long Haul Tyre - Energy rating B with wide single
■ <b>ESH-REAR</b>	Horizontal silencer, rear exhaust outlet	□ <b>MIREC001</b>	Michelin XFA2/X-LINE Energy - Fuel tyre Recommendation 1
□ <b>ESH-RIGH</b>	Horizontal silencer, right exhaust outlet	□ <b>MIREC002</b>	Michelin XZA2/X-LINE Energy - Fuel tyre Recommendation 2
□ <b>ESH-VERT</b>	Horizontal silencer, vertical exhaust outlet	□ <b>MIREC003</b>	Michelin X-LINE Energy - Fuel tyre Recommendation 3
□ <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished	□ <b>MIREC004</b>	Michelin X Line Energy F/D2 - Energy rating A
□ <b>WHC-FIX1</b>	One fixed wheel chock	□ <b>PIREC001</b>	Pirelli FH:01 Proway - Long Haul Tyre - Energy rating B
□ <b>WHC-FIX2</b>	Two fixed wheel chocks	□ <b>PIREC002</b>	Pirelli FH:01 II Long Haul Tyre - Energy rating B with wide single
□ <b>WHC-FOL1</b>	One foldable wheel chock	□ <b>SPWT-D</b>	Spare wheel & tyre with rear tyre pattern
□ <b>WHC-FOL2</b>	Two foldable wheel chocks	□ <b>SPWT-F</b>	Spare wheel & tyre with front tyre pattern
□ <b>WHCP-F</b>	Wheel chock(s) stored in the front part of the vehicle	□ <b>SWCP-LF</b>	Spare wheel carrier on left side of chassis ahead of rear axle
□ <b>WHCP-M</b>	Wheel chock(s) stored in the middle part of the vehicle	□ <b>SWCP-RF</b>	Spare wheel carrier on right side of chassis ahead of rear axle
□ <b>WHCP-T</b>	Transport mounted wheel chock(s) stored in cab outer luggage locker	□ <b>SWCP-T</b>	Spare wheel supplied temporarily strapped to chassis
□ <b>TB-L80</b>	Toolbox 800 mm, left side	□ <b>SWCP-TF</b>	Temporary spare wheel carrier on top of chassis frame
□ <b>TB-R80</b>	Toolbox 800 mm, right side		
□ <b>SUP-BAS</b>	EC approved chassis side guards		
□ <b>SUP-LOW</b>	EC approved low chassis side guards		

■ Standard Equipment      □ Optional Equipment

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# MODEL RANGE

## FMX11 4x2 Tractor - Rear Air Suspension FM 42 T1HAX

<input type="checkbox"/> <b>JACK-12T</b>	12 tonne bottle jack	<input type="checkbox"/> <b>HPE-T70</b>	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> <b>JACK-15T</b>	15 tonne bottle jack	<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> <b>JACK-20T</b>	20 tonne bottle jack	<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> <b>TOOL-BAS</b>	Basic Toolkit	<input type="checkbox"/> <b>PTPT-D</b>	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
<input type="checkbox"/> <b>TOOLKIT</b>	Complete tool kit	<input type="checkbox"/> <b>PTPT-F</b>	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
<input type="checkbox"/> <b>INFLAHOS</b>	Tyre inflation hose	<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed
<input type="checkbox"/> <b>GAUGE-TP</b>	Tyre pressure gauge	<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump
<b>DRIVELINE EQUIPMENT</b>		<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> <b>TRAP-HD</b>	Reinforced gearbox application	<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection
<input type="checkbox"/> <b>TP-CON</b>	Construction Package	<input type="checkbox"/> <b>PTR-FH</b>	Gearbox driven high speed PTO with SAE drive flange
<input type="checkbox"/> <b>TP-DIST</b>	Distribution Package	<input type="checkbox"/> <b>PTR-FL</b>	Gearbox driven low speed PTO with SAE drive flange
<input type="checkbox"/> <b>TP-LONG</b>	Long Haul Package	<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input type="checkbox"/> <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> <b>PTRD-D1</b>	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
<input type="checkbox"/> <b>AVO-ENH</b>	Enhanced software for off road driveability and starting	<input type="checkbox"/> <b>PTRD-D2</b>	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
<input type="checkbox"/> <b>APF-ENH</b>	I-shift enhanced PTO functions	<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> <b>RET-TH</b>	Gearbox mounted retarder	<input type="checkbox"/> <b>HPG-F101</b>	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>RET-TPT</b>	Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/> <b>HPG-F41</b>	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>TC-HWO</b>	Automatic gearbox oil cooler - water to oil	<input type="checkbox"/> <b>HPG-F51</b>	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>TC-MAOH2</b>	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> <b>HPG-F61</b>	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	<input type="checkbox"/> <b>HPG-F81</b>	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>1COMP530</b>	Single cylinder, air compressor, 530 litres per minute	<input type="checkbox"/> <b>EIDLESD</b>	Engine idle shut down
<input type="checkbox"/> <b>2COM1100</b>	Two cylinder, air compressor, 1100 litres per minute	<input checked="" type="checkbox"/> <b>STWPOS-R</b>	RIGHT HAND DRIVE
<input checked="" type="checkbox"/> <b>2COMP900</b>	Two cylinder, air compressor, 900 litres per minute	<input type="checkbox"/> <b>STWM-LE</b>	Leather steering wheel
<input type="checkbox"/> <b>CLU-AIRC</b>	Clutchable air compressor	<input type="checkbox"/> <b>STGW-AD2</b>	Adjustable steering wheel with neck tilt
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	Roof mounted air intake behind cab on left hand side	<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Adjustable steering wheel
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/> <b>AIRBAG</b>	SRS Driver's air bag
<input type="checkbox"/> <b>ACL1ST-S</b>	Two stage air filter	<input checked="" type="checkbox"/> <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
<input checked="" type="checkbox"/> <b>24AL110B</b>	110 amp alternator	<input checked="" type="checkbox"/> <b>1DAYDIG2</b>	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 order.
<input checked="" type="checkbox"/> <b>24AL120B</b>	120 amp alternator	<input type="checkbox"/> <b>1DAYDIGP</b>	Continental VDO DTCO 3.0 digital tachograph For vehicles with long lead time - this includes prep kit for the retrofit of DTCO 4.0 tachograph. For updating to new legal demand for trick registration from 15th June 2019. This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.
<input checked="" type="checkbox"/> <b>24AL150B</b>	150 amp alternator	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input checked="" type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input type="checkbox"/> <b>CRUIS-E</b>	Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)
<input type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input checked="" type="checkbox"/> <b>CRUISEC</b>	Cruise control, standard
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input checked="" type="checkbox"/> <b>ESP-BAS1</b>	Electronic Stability Control
<input type="checkbox"/> <b>PRIM-MAN</b>	Manual priming pump	<input type="checkbox"/> <b>ESPC-RO</b>	ESP (Electronic Stability Program) functionality control - Reduced / Off
<input type="checkbox"/> <b>FUEQ-EH</b>	Fuel line electric heater	<input type="checkbox"/> <b>HWSS-ACB</b>	Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system
<input type="checkbox"/> <b>AF-R</b>	Hot fuel recirculation heated fuel filter	<input checked="" type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> <b>FUEFE2LW</b>	Large engine mounted dual fuel filter with water separator		
<input checked="" type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator		
<input type="checkbox"/> <b>EST-AID</b>	Air inlet manifold starting heater element		
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater		
<input type="checkbox"/> <b>PTER-100</b>	Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange		
<input type="checkbox"/> <b>PTER-DIN</b>	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)		
<input type="checkbox"/> <b>PTER1400</b>	Rear engine mounted power-take-off with SAE 1410 flange		
<input type="checkbox"/> <b>HPE-F101</b>	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F41</b>	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F51</b>	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F61</b>	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F81</b>	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-T53</b>	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump		

Standard Equipment

Optional Equipment

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# MODEL RANGE

## FMX11 4x2 Tractor - Rear Air Suspension FM 42 T1HAX

- |                   |  |                   |  |
|-------------------|--|-------------------|--|
| ■ <b>LSS-DW</b>   | Lane departure-warning system  | ■ <b>DST-CF4</b>  | Driver seat, comfort, suspended, belt in seat  |
| □ <b>LCS</b>      | Lane change support  | □ <b>DST-CF5</b>  | Driver seat, comfort, suspended, belt in seat, electrically heated   |
| □ <b>DAS-W</b>    | Driver Alert Support system  | □ <b>DST-CF6</b>  | Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated                               |
| □ <b>RSENS-W</b>  | Rain sensing windscreen wipers   | □ <b>SBD-RED</b>  | Red seat belts   |
| □ <b>CU-ECC</b>   | Electrically controlled air conditioning with sun sensor   | □ <b>SBPRE-DS</b> | Driver seat belt pretensioner  |
| □ <b>CU-ECC2</b>  | Electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter  | ■ <b>PST-BAS1</b> | Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab                                    |
| ■ <b>CU-MCC</b>   | Climate unit with manual controlled air conditioning   | □ <b>PST-BENC</b> | Bench passenger seat   |
| ■ <b>IMMOBIL</b>  | Thatcham H2 approved immobiliser   | □ <b>PST-CF4</b>  | Passenger seat - Comfort suspended with seatbelt mounted in seat   |
| □ <b>ALARM-B</b>  | Thatcham H1 approved vehicle alarm - Cab only  | □ <b>PST-CF5</b>  | Passenger seat - Comfort suspended & heated with seatbelt mounted in seat                                    |
| □ <b>ALARM-E</b>  | Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer  | □ <b>PST-STD2</b> | Passenger seat - Fixed non suspended with seatbelt mounted in cab  |
| □ <b>ALCOLOCK</b> | Alcolock   | □ <b>PST-STD4</b> | Passenger seat - Standard suspended with seatbelt mounted in cab   |
| □ <b>BUPMON</b>   | Back up monitor with built in 7" screen on dash and one colour camera supplied loose for fitment by bodybuilder. Can accommodate up to 4 cameras for TfL Safe Scheme, CLOCS and FORS.    | □ <b>SBPRE-PS</b> | Passenger seat belt pretensioner   |
| □ <b>PHONE-PK</b> | Telephone preparation kit (antenna, antenna attachm. cable incl.)  | □ <b>ARM-DBPS</b> | Two armrests on driver seat and one (outer) on passenger seat  |
| □ <b>WLIFT-AD</b> | Electrical window lift, automatic up/down driver side  | □ <b>ARMRE-BB</b> | Two armrests on both driver and passenger seat.  |
| ■ <b>WLIFT-EB</b> | Electrical window lift   | □ <b>ARMRE-DB</b> | Two armrests, on driver seat only  |
| □ <b>WLIFT-ME</b> | Mechanical window lift   | □ <b>ARMRE-PB</b> | Two armrests, on passenger seat only   |
| □ <b>ISUNS-BS</b> | Side interior sun visor on both sides  | □ <b>ARMRE-PS</b> | Single armrest (next to driver) on passenger seat  |
| ■ <b>ISUNS-DS</b> | Driver's side interior sun visor   | □ <b>ARU-BAS</b>  | Vinyl upholstered armrest  |
| ■ <b>ISUNF-B</b>  | Interior front sun visor without mirror  | □ <b>ARU-LEA</b>  | Leather upholstered armrest  |
| □ <b>ISUNF-MD</b> | Interior front sun visor with mirror on driver side  | ■ <b>FMAT-RU2</b> | Rubber floor mats, extended  |
| □ <b>ISUNF-RE</b> | Electrically operated textile interior sun blind   | □ <b>FMAT-RUB</b> | Rubber floor mats  |
| □ <b>ISUNF-RM</b> | Manually operated textile interior sun blind   | □ <b>FMAT-T2E</b> |  |
| □ <b>ADFS</b>     | Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory   | □ <b>FMAT-TX2</b> | Textile and rubber floor mats  |
| ■ <b>BUPALARM</b> | Reverse alarm  | □ <b>LBK-RES</b>  | Foldable rest bunk   |
| □ <b>RTOLL-PK</b> | Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany  | ■ <b>LBK70</b>    | Lower bunk 700 x2000 mm, fixed   |
| □ <b>LOADIND</b>  | Load indicator with central dashboard display  | □ <b>ULBK</b>     | Without lower bunk   |
| □ <b>REMC-MF</b>  | Multi-functio wireless remote control  | □ <b>MATL-FI</b>  | Firm lower bunk pocket sprung mattress   |
| □ <b>FIREXT3S</b> | 3kg fire extinguisher mounted on seat base   | ■ <b>MATL-SF</b>  | Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone                                  |
| □ <b>WARNVEST</b> | High visibility warning vest - no sleeves  | □ <b>MATL-SO</b>  | Lower flexizone mattress - soft, pocket springs up to 85kg - 13.5 stone                                      |
| □ <b>AIDKIT</b>   | First aid kit  | □ <b>OLMAT-BA</b> | 35mm mattress overlay protector  |
| □ <b>AIDKIT1B</b> | First aid kit  | □ <b>OLMAT-PR</b> | 50mm premium mattress overlay protector  |
| □ <b>WARNLAMP</b> | Portable warning lamp  | □ <b>TBK60F</b>   | Fixed foldable top bunk 600 x 1900mm   |
| □ <b>LAMP-IN</b>  | Inspection lamp  | □ <b>TBK70F</b>   | Fixed foldable top bunk 700 x 1900mm   |
| □ <b>BULBKIT</b>  | Bulb and fuse kit  | □ <b>PH-CAB2</b>  | 1.8kW Air to air night heater  |
| □ <b>WRITEPAD</b> | Writing pad  | □ <b>PH-ENGCA</b> | Engine and cab night heater  |
| □ <b>UPHTRI10</b> | Seats: Black embossed textile insert with light grey sides, black vinyl side bolster with blue vinyl side insert. Interior trim: Raven black bunk and curtains & blue textile side walls | □ <b>PH-SS</b>    | Short stop heater  |
| ■ <b>UPHTRI11</b> | Seats: Light grey embossed textile insert, black raven metallic vinyl bolster with red vinyl side insert. Interior trim: Raven black bunk and curtains & grey vinyl side walls           | □ <b>SLCP-BAS</b> | Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock              |
| □ <b>UPHTRI12</b> | Seats: Blue soft textile insert, black vinyl bolster. Interior trim: Raven black bunk and curtains & blue textile side walls   | □ <b>SAFE</b>     | Safe box for driver's personal items   |
| □ <b>UPHTRI13</b> | Seats: Dark grey leather insert and black leather bolster. Interior trim: Raven black bunk and curtains & grey vinyl side walls  | □ <b>ETSB-F</b>   | Storage on engine tunnel - on front top  |
| □ <b>UPHTRI14</b> | Seat: Dark grey leather insert and black leather bolster. Interior trim: Raven black bunk and curtains & blue textile side walls   | □ <b>ETSB-FR</b>  | Storage on engine tunnel - on front top and at rear cab wall   |
|                   |  | □ <b>ETSB-FRS</b> | Storage on engine tunnel - on front top & at rear cab wall & storage recessed into tunnel on right hand side |
|                   |  | □ <b>ETSB-FS</b>  | Storage on engine tunnel - on front top and storage recessed into tunnel on right hand side                  |
|                   |  | □ <b>ETSB-R</b>   | Storage on engine tunnel - box at rear cab wall  |
|                   |  | □ <b>ETSB-RS</b>  | Storage on engine tunnel - at rear cab wall and storage recessed into tunnel on right hand side              |
|                   |  | □ <b>ETSB-S</b>   | Storage on engine tunnel - recessed into tunnel on right hand side   |
|                   |  | □ <b>RUS-BAS</b>  | Rear cab upper storage 154 litres - 300 mm high  |
|                   |  | □ <b>RUS-HIG</b>  | Rear cab upper storage 245 litres - 440 mm high  |
|                   |  | □ <b>TABLE</b>    | Folding and height adjustable table - on lower bunk  |
|                   |  | □ <b>REF-ICPK</b> | Fridge: engine tunnel mounted preparation kit  |

■ Standard Equipment

□ Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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# MODEL RANGE

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- 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-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
  - HL-BHID2** Dynamic high intensity Bi-Xenon head lamps  
These follow the steering movement and direction of the truck
  - HL-CLEAN** Head lamp cleaner - washer jets
  - HLP-ST** Headlamp protection
  - HL-ADJ** Headlight adjustment - Switch in cab
  - ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.
  - ASL-RFPK** Preparation kit for two spotlamps in sign box
  - BEACO2F** Two front roof mounted amber beacon rotating warning lamps
  - BEACO2R** 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-FMX** "Volvo FMX" 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
  - ACCBP-AP** Front, middle & rear roof mounted accessory brackets
  - ACCBP-F** Front roof mounted accessory bracket
  - ACCBP-FM** Front & middle roof mounted accessory brackets
  - ACCBP-FR** Front & rear roof mounted accessory brackets
  - ACCBP-M** Middle roof mounted accessory bracket
  - ACCBP-R** Rear roof mounted accessory bracket
  - ACCBP-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-MASL** 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

Standard Equipment       Optional Equipment

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- **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

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