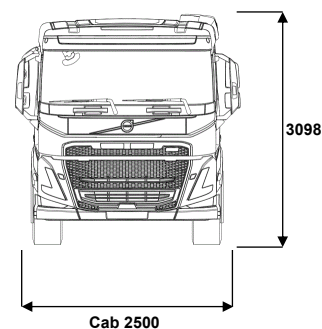
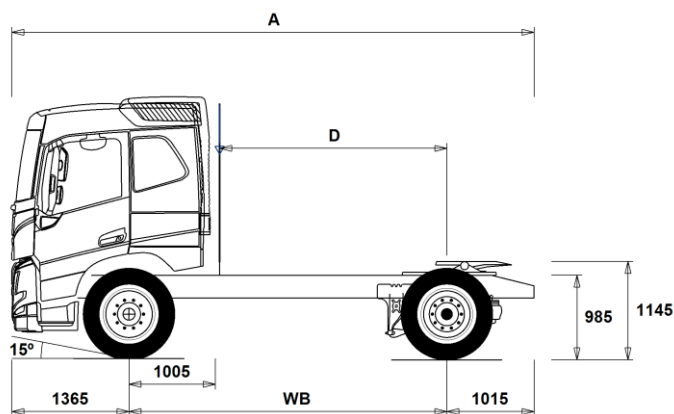


MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2



Chassis Dimensions [mm]

WB Wheelbase	3700	3800
A Overall Chassis Length	6080	6180
D Center of rear axle to back of cab	2645	2745
F Fifth Wheel Position (EC Directive 96/53)	575	575

Chassis Weights [kg]

Front Axle	4890	4900
Rear Axle	2370	2365
Kerb Weight	7260	7265

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13400	13700
Turning Circle Diameter Wall to Wall	14800	15100

Plated Weights [kg]

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

Design

20100
44000
7100
13000

Important Notes

Chassis Dimensions

Cab Height: +312 mm for CAB-HSLP, -278 mm for CAB-LSLP.
D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.
Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-MED.
Height change when chassis height CHH-HIGH,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 FM42TLA2.

MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

Core components

- ☐ **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- ☐ **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- ☐ **RAD-G4** Rear air suspension - one axle, driving (low weight)
- ☐ **RAD-GR** Rear air suspension - one axle, driving
- ☐ **FM-HSLP6** FM Globetrotter, high sleeper cab
- ☐ **FM-LSLP6** FM low sleeper cab
- ☒ **FM-SLP6** FM sleeper cab
- ☒ **G13S420A** Gas-powered engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- ☐ **G13S460A** Gas-powered engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2300 Nm
- ☐ **G13S500A** Gas-powered engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- ☐ **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- ☐ **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- ☒ **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- ☐ **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- ☐ **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- ☐ **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- ☐ **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- ☐ **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- ☐ **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- ☒ **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- ☐ **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- ☐ **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- ☐ **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C

Packages

- ☐ **INFOBASE** Information package, basic (without side display)
- ☒ **INFOHIGH** Information package, high (with side display)

Chassis

- ☐ **FST-AIR** Front air suspension
- ☒ **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- ☐ **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- ☐ **FSLS-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- ☐ **FSLS-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- ☐ **FAL10.0** Front axle load 10.0 tonnes
- ☒ **FAL7.1** Front axle load 7.1 tonnes
- ☐ **FAL7.5** Front axle load 7.5 tonnes
- ☐ **FAL8.0** Front axle load 8.0 tonnes
- ☐ **FAL8.5** Front axle load 8.5 tonnes
- ☐ **FAL9.0** Front axle load 9.0 tonnes
- ☒ **FSTAB** Front anti-roll bar, normal stiffness
- ☐ **FSTAB2** Front anti-roll bar, high stiffness
- ☐ **FSTAB3** Front anti-roll bar, extra-high stiffness
- ☐ **RAL11.7** Rear axle load 11.7 tonnes
- ☐ **RAL12** Rear axle load 12 tonnes
- ☒ **RAL13** Rear axle load 13 tonnes
- ☒ **RSTAB1** Rear anti-roll bar, normal stiffness
- ☐ **RSTAB3** Rear anti-roll bar, extra-high stiffness
- ☒ **ASF-DL1** Air suspension with one ride height
- ☐ **ASF-DL3** Air suspension with three ride heights
- ☐ **ACTST-TO** Volvo Dynamic Steering
- ☐ **ASFE-BAS** Volvo Dynamic Steering, basic
- ☐ **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- ☐ **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- ☐ **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- ☒ **PSS-SING** Single power steering system
- ☒ **PSP-VAR** Power steering pump with variable displacement
- ☒ **EBS-MED** EBS (Electronic Braking System), Medium package
- ☐ **EBS-STD** EBS (Electronic Braking System), Standard package
- ☒ **AUXPARK** Extra parking brake on one axle
- ☒ **RST-AIR** Rear air springs
- ☐ **RST-AIR6** Rear air springs for hot climates
- ☒ **SUSPL-EC** Remote control for air suspension levelling
- ☒ **FRAME266** Frame rail section external height 266 mm
- ☒ **FRAME300** Frame rail section external height 300 mm
- ☒ **FST6060** Frame thickness - web 6.0 mm / flange 6.0 mm
- ☐ **FST6565** Frame thickness - web 6.5 mm / flange 6.5 mm
- ☐ **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- ☐ **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- ☐ **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- ☐ **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- ☒ **BBOX-EF** Battery box at end of frame
- ☒ **2BAT210C** AGM batteries, 2x210 Ah
- ☐ **2BATT225** Batteries, 2x225 Ah
- ☒ **BATTAMP** Battery voltmeter and ammeter
- ☐ **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- ☐ **ADR1** ADR adaptation, 1 switch in dashboard
- ☐ **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- ☐ **MSWI-A** ADR main switch
- ☒ **MSWI-C** Main switch on chassis
- ☐ **MSWI-R** Key remote controlled main switch
- ☒ **R170A71** Right 170-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 170l
Max volume 170l
- ☐ **ADTP-BC** AdBlue tank behind/under cab on right hand side
- ☒ **ADTP-R** AdBlue tank on right hand side
- ☐ **ADB050** AdBlue tank: usable volume 50 litres, mounted behind cab
- ☒ **ADB064** AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side
- ☐ **ADB112** AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side
- ☒ **FCAP-L** Lockable diesel and AdBlue filler caps
- ☒ **FUFF-AS** Fuel filling anti-spillage device
- ☐ **FUFF-ATS** Fuel filling anti-theft and anti-spillage device
- ☐ **LGAS205** Left 205-kg gas tank
- ☒ **ESH-REAR** Horizontal silencer, rear exhaust outlet
- ☐ **ESH-RIGH** Horizontal silencer, right exhaust outlet
- ☐ **WHC-FOL1** One collapsible wheel chock
- ☒ **WHC-FOL2** Two collapsible wheel chocks
- ☐ **WHCP-T** Wheel chock holder by-packed in cab outer luggage compartment
- ☐ **TB-R80** Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm
- ☐ **CHAIN-S** Snow chains
- ☒ **TOWF-NO1** One front towing device
- ☐ **TOWF-NO2** Two front towing devices
- ☒ **RFEC-B** Tapered upper rear frame end (standard for tractors)

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

□ TOWR-ONE Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h. □ TREL15 15-pin trailer connection (ADR certified) □ TREL7 7-pin trailer connection (ISO 24N) ■ TREL7-7 2x7-pin trailer connection (ISO 24N+24S, non-ADR) □ TBC-DUO Trailer brake connection, Duomatic ■ TBC-EC Trailer brake connection, European Community □ TRBR-HCF Full-pressure, hand-controlled trailer brake check (8 bar) □ TRBR-HCR Reduced-pressure, hand-controlled trailer brake check (4 bar) ■ TRBR-STA Stationary trailer brake check □ TRB-STRE Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability ■ RFEND-B Rear 3-piece mudguards (anti-spray) on all rear axles ■ RFH-BAS Basic mudguard installation height on 2nd front axle and rear axles □ RFH-HIG High mudguard installation height on 2nd front axle and rear axles □ RFH-LOW Low mudguard installation height on 2nd front axle and rear axles □ ATANK-AL Aluminium air tanks ■ ATANK-ST Steel air tanks □ TL-LED LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector) ■ BLIGHT-E Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s² or more. The function deactivates when retardation is less than 2.5 m/s². □ FRACLOS Frame end closing	■ TOOL-BAS This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench. □ TOOLKIT This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer. □ INFLAHOS Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately). □ GAUGE-TP Tyre pressure gauge
Powertrain equipment	
□ TRAP-HD Reinforced gearbox range housing ■ DRM-BE I-Shift drive modes Economy, Standard and Performance □ DRM-E I-Shift drive mode Economy □ PVT-BAS I-See ■ CRUIS-E I-Cruise cruise control, I-Roll included □ CRUIS-E5 I-Torque cruise control, optimized for fuel economy, I-Roll included □ AMSO-AUT I-Shift manual gear shifting available in automatic mode, including kick-down function □ AVO-ENH I-Shift with enhanced software for construction and off-road applications □ APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) □ RET-TH Gearbox-mounted, hydrodynamic oil retarder □ TC-MAO Basic performance cooler for manual/I-Shift gearboxes - air/oil □ TC-MAOH2 Extra high performance cooler for manual/I-shift gearboxes - air/oil □ 2COM1100 Dual-cylinder air compressor 760 cc, 1100 l/min ■ 2COMP900 Dual-cylinder air compressor 636 cc, 900 l/min ■ AIRIN-HI High air inlet □ AIRIN-LO Low air inlet □ ACL1ST-S Air cleaner with extra filter element ■ 24A110BL Alternator 110 Ampere □ 24A150BL Alternator 150 Ampere □ 24A180BL Alternator 180 Ampere □ 24AL110B Alternator 110 Ampere □ 24AL150B Alternator 150 Ampere ■ FUEFE2LW Large engine-mounted dual fuel filter with water separator and drain ■ EST-AID Engine intake air heater □ 220EBH15 Engine block heater, 220 V, 1.5 kW □ PTER-DIN Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653 □ PTR-D Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm □ PTR-DH Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

■ PTR-DM Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm □ PTR-F Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm □ PTR-FH Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm □ PTR-FL Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm □ PTRD-D Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm □ PTRD-D1 Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm □ PTRD-D2 Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm □ PTRD-F Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm □ HPG-F101 Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow □ HPG-F41 Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow □ HPG-F51 Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow □ HPG-F61 Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow □ HPG-F81 Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	□ ALARM-E Anti-theft alarm for cab, superstructure and trailer □ PHONE-PK □ ISUNS-BS Side interior roller blind on both sides, manually manoeuvred ■ ISUNS-DS Side interior roller blind on driver's side, manually manoeuvred □ ISUNF-B □ ISUNF-MD □ ISUNF-RE Interior roller blind, integrated in front shelf, electrically manoeuvred ■ ISUNF-RM Interior roller blind, integrated in front shelf, manually manoeuvred □ ADFS Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D) □ BUPALARM Reversing warning □ LOADIND Load indicator, shown in instrument display and side display □ REMC-MF Wireless remote control, multi-functional □ FIREXT3S Fire extinguisher 3 kg, Swedish/English decal □ WARNVEST Reflective vest, fulfils European standard EN 471 class 2 ■ WARNTRI2 Two warning triangles □ AIDKIT First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors. □ AIDKIT1B First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements) □ AIDKIT1C First aid kit fulfilling Indian requirements □ WARNLAMP Portable amber and white warning lamp with batteries □ LAMP-IN Inspection lamp with 10 m cable □ BULBKIT Bulb and fuse kit □ WRITEPAD Writing pad with paper clamp
Cab Interior, Driving	
■ STWPOS-L Left-hand drive □ STWPOS-R Right-hand drive □ STWM-LE Steering wheel material leather □ STGW-AD2 Manually adjustable steering wheel with neck tilt ■ STGW-ADJ Manually adjustable steering wheel □ AIRBAG Airbag on driver's side □ DRC-AMII Regeneration control for DPF, initiation: automatic or manual, inhibition: manual ■ DRC-AUTO Regeneration control for DPF, fully automatic (in motion) □ 1DAYB One-day analogue tachograph, basic □ 1DAYDIG One-day digital tachograph, EC approved □ ARSL Additional, temporary road speed limiter control (switch in dashboard) ■ ESP-BAS1 ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity □ ESPC-RO Electronic stability program functionality control, switch - On/Reduced/Off □ HWSS-ACB Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info. □ HWSS-FCB Collision Warning with Emergency Brake (forward) ■ LSS-DW Lane Keeping Support - lane departure warning □ LSS-DW3 Pilot Assist - active, continuous lane keeping □ LKE-TBO Lane keeping at emergency, tyre blowout □ LCS2 Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side □ LCS4 Side Collision Avoidance Support, side collision warning, both sides □ DAS-W Driver Alert Support □ RSENS-W Wipers rain sensor □ CU-ECC Automatic climate control with sun sensor □ CU-ECC2 Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter ■ CU-MCC Manual climate control (heater/cooler function) □ IGT-BUT Push button ignition ■ IMMOBIL Immobiliser □ ALARM-B	
Cab Interior, Living	
■ DST-CF1 Driver's seat Comfort □ DST-CF4 Driver's seat Comfort, belt in seat □ DST-CF5 Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion □ DST-CF6 Driver's seat Comfort, belt in seat, heated, ventilated □ DST-LUX1 Driver's seat Deluxe, belt in seat, heated, ventilated □ DST-STD2 Driver's seat Standard, belt in seat □ SBD-RED Red safety belts, passenger and driver seats □ SBPRE-DS Driver's seat belt pretensioner □ PST-BAS1 Passenger seat Basic, non-suspended □ PST-CF4 Passenger seat Comfort, suspended, belt in seat □ PST-CF5 Passenger seat Comfort, suspended, belt in seat, electrically heated ■ PST-STD2 Passenger seat Regular, non-suspended □ PST-STD4 Passenger seat Regular, suspended □ SBPRE-PS Passenger seat belt pretensioner □ ARMRE-BB Two armrests on both driver's and passenger seats □ ARMRE-DB Two armrests on driver's seat □ ARMRE-PB Two armrests on passenger seat □ ARU-BAS Vinyl armrest upholstery □ ARU-LEA Leather armrest upholstery ■ FMAT-RUB Black rubber floor mats □ FMAT-TX2 Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats ■ LBK70 Lower fixed bed 2000x700 mm, non-foldable, safety net included □ MATL-FI Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg □ MATL-FI2 ■ MATL-SF Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg	

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

□ MATL-SO □ OLMAT-BA Overlay mattress, 28 mm thick black textile □ OLMAT-PR Overlay mattress Premium, 35 mm thick black textile □ TBK60F Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ TBK70F Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ PH-CAB2 Cab parking heater, 2 kW □ SLCP-BAS Basic sleeper control panel (interior light, parking heater, roof hatch, door locks) □ SAFE Key-operated safety box under bed (FH) or at bed end (FM) □ ETSB-F Storage at front of engine tunnel □ RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) □ RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) □ TABLE Foldable and height-adjustable table, attaches to the lower bed □ REF-ICPK Preparation kit for refrigerator □ REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall □ MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) □ BOTH-D One bottle holder under dashboard centre section □ COFMA-PK Preparation kit (24 V) for coffee maker ■ INLI-BAS Interior white light with smooth light transition at on/off, no dimming □ INLI-NL Interior white and red (night) light with smooth light transition at on/off □ INLI-NLD Interior white and red (night) light with smooth light transition at on/off and dimmer □ ARL-FLEX Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls ■ RH-EE Roof skylight/emergency exit, tinted glass (not a hatch) □ RH-ER Roof hatch, electrically operated, steel, with emergency exit handle □ RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm □ RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ■ GLAS-TIN Tinted windows □ GLAS-UNT Untinted windows □ AWIND-RF Fixed window in back of cab (without curtains) □ VANMIR Vanity mirror in front shelf lid □ AS-FUS One extra shelf in each of the two front upper storage compartments □ INFOT-PK Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	□ RCABS-A Air rear cab suspension ■ RCABS-M Mechanical rear cab suspension □ MIRCFPCS Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH) □ MIRCMCP Camera Monitor System and passenger corner camera □ MIRCMS Camera Monitor System ■ MIRCOMF Rear-view and wide-angle mirrors (both sides), kerb observation mirror □ MIRCOMFX Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror ■ AMIR-F20 Front close-view mirror above windscreen, passenger side (radius 200 mm) □ SUNV-H Exterior front sun visor, transparent dark-grey □ AD-ROOF Roof air deflector □ AD-SIDEL Cab side air deflectors, long □ AD-SIDES Cab side air deflectors, short □ AD-SIDL2 Cab side air deflectors, long, with full-length rubber extensions ■ HL-BASIC Halogen H7 headlamps □ HL-BHID □ HL-DBL □ HL-LED LED headlamps □ HL-LED3 LED headlamps with adaptive high beam □ HBDA-A Automatic main beam deactivation and reactivation □ HL-CLEAN High-pressure headlamp cleaner □ HLP-ST Steel headlamp protectors (steel and plastic for FMX) □ HL-ADJ Manually adjustable headlamp beam ■ DRL-LED Daytime running lamps (LED) □ UDRL Without daytime running lamps (LED) □ DRIVL2 Extra main beam ■ UDRIVL Without extra main beam ■ FOGL-WC White front fog lamps □ CL-STAT Static cornering lights □ ASL-RF2 Two LED spot lamps in sign box □ ASL-RFPK □ IDLAMP-A Three amber identification lamps on mid front roof □ IDLAMP-W Three white identification lamps on mid front roof □ IDLMPSW Switch in cab for identification lamps □ BEACOA2F Two amber LED beacons on cab front roof □ BEACOA2R Two amber LED beacons on cab rear roof □ BEACON-P Preparation kit for roof beacons □ CABPT-R1 One front cab roof pass-through on passenger side ■ CABPT-R2 Two front cab roof pass-throughs, one on each side □ SPOTP-F Preparation kit for spot lamp in cab front, max 280 W □ SPOTP-R Preparation kit for spot lamp in cab roof, max 280 W □ SPOTP-RF Preparation kit for spot lamp in cab roof and front, max 280 W □ ROS-IL Roof sign illumination □ ROS-IL2 Preparation kit for installation of roof sign illumination □ ROS-ILP Wiring kit for roof sign illumination □ CSGN-GTR Globetrotter decal in the roof sign box ■ HORN-F1S Single-tone Jericho horn behind grille, operated by steering wheel buttons □ HORN-R2S Two chromed single-tone air horns on the roof, operated by steering wheel buttons □ ANT-CBR Preparation kit for communication/CB radio: roof-mounted single antenna and wiring □ ACCBP-AP Accessory brackets mounted on front roof, midroof and rear roof □ ACCBP-F Accessory bracket mounted on front roof □ ACCBP-FM Accessory brackets mounted on front roof and midroof □ ACCBP-FR Accessory brackets mounted on front and rear roof
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Cab exterior

■ EXTL-BAS Exterior trim level basic ■ DGLAS-H Tempered door window glass □ DGLAS-L Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation. ■ BUMP-B Plastic front bumper □ BUMP-B2 Steel front bumper □ BUMP-SP Front bumper spoiler □ GUARD-EH Guard plate for cooling pipes and oil sump ■ BUGNET Insect screen (PVC-coated fibreglass) in front of radiator □ CTILTP-E Electric cab tilt pump ■ CTILTP-M Manual cab tilt pump □ FCABS-A Air front cab suspension ■ FCABS-M Mechanical front cab suspension	
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■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

☐ ACCB-R-M	Accessory bracket mounted on midroof	☐ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
☐ ACCB-R-R	Accessory brackets mounted on mid-roof and rear roof	☐ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
☐ ACCB-RM	Accessory bracket mounted on rear roof		
☐ REFS-TW	Reflecting white cab side stripes by-packed in cab	☐ BBCHAS1	One 7-pole bodywork connector on chassis
☐ REFS-TY	Reflecting yellow cab side stripes by-packed in cab	☐ BBCHAS3	Three 7-pole bodywork connectors on chassis
Superstructure preparations			
☐ 5WM-ASL	Fifth wheel on L-profiles (4 mm above frame), adjustable, autom. slider lock, release switch in cab	☐ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
☐ 5WM-ASM	Fifth wheel on L-profiles (50 mm above frame), adjustable, autom. slider lock, release switch in cab	☐ EXSTER	Support for external steering control via body builder module
☐ 5WM-ISOL	Fifth wheel ISO mounting on low L-profiles (16 mm above frame)	☐ TD-LED	Trailer detection with LED sensor
☐ 5WM-ISOM	Fifth wheel ISO mounting on medium L-profiles (60 mm above frame)	☐ AUXL-SPK	Preparation kit (wiring and a switch in dashboard) for snow plough lamps
■ 5WM-LPRO	Fifth wheel mounting on 8 mm L-profiles (0 mm above frame)	☐ TAILPRE2	Tail lift preparation kit, wireless remote operation
☐ 5WM-MASL	Fifth wheel mounting on 4 mm L-profiles, adjustable, manual slider lock release	☐ TAILPREP	Tail lift preparation kit
☐ 5WM-MASM	Fifth wheel mounting on 50 mm L-profiles, adjustable, manual slider lock release	☐ AESW2	2 bistable bodywork switches (marked AUX1/AUX2)
		☐ AESW2PK	2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
☐ 5WH140	Fifth wheel leg height 140 mm (5.51")	☐ AUXSW-4	Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)
☐ 5WH150	Fifth wheel leg height 150 mm (5.90")	Services	
■ 5WH160	Fifth wheel leg height 160 mm (6.29")	■ TGW-4GWL	Telematics gateway with 4G modem and WLAN
☐ 5WH175	Fifth wheel leg height 175 mm (6.88")	☐ TGW-PK	Telematics gateway preparation kit
☐ 5WH185	Fifth wheel leg height 185 mm (7.28")	■ TSRS	Road sign recognition
☐ 5WH195	Fifth wheel leg height 195 mm (7.67")	☐ TSRS2	Road sign recognition (not ISA compliant)
☐ 5WH200	Fifth wheel leg height 200 mm (7.87")		
☐ 5WH205	Fifth wheel leg height 205 mm (8.07")		
☐ 5WH210	Fifth wheel leg height 210 mm (8.26")		
☐ 5WH220	Fifth wheel leg height 220 mm (8.66")		
☐ 5WH230	Fifth wheel leg height 230 mm (9.05")		
■ 5WT-JO10	Jost JSK 36 fixed fifth wheel, pressed steel		
☐ 5WT-JO8	Jost JSK 37 fixed fifth wheel, cast iron		
☐ 5WT-JO9	Jost JSK 42 fixed fifth wheel, cast iron		
☐ 5WT-SH	SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron		
■ 5WLM-B	Basic fifth wheel maintenance level (for locking mechanism and top plate)		
☐ 5WLM-L	Low-maintenance fifth wheel (locking mechanism). Plastic slide plates and wear ring		
☐ 5WL-S1	Fifth wheel lubrication: locking mechanism and top plate		
☐ 5WL-S2	Fifth wheel lubrication: locking mechanism		
☐ TCIND	Trailer connection indication with sensors for height, kingpin and coupling lock		
■ RDECK	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)		
☐ RDECK-M	Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)		
☐ SRWL-2RA	-		
☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)		
☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)		
☐ SWL-2RA	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)		
☐ SWL-2RW	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)		
☐ SWL-PK			
☐ WL-TA1A	Amber LED work lamp on trailer arch		
☐ WL-TA1W	White LED work lamp on trailer arch		
☐ WLC-H2A	2 white LED work lamps, high-mounted on back of cab (switch included)		
☐ WLC-H2W	Preparation kit (cables and switch) for high-mounted work lamps on back of cab		
☐ WLC-PKH	Preparation kit (cables and switch) for low-mounted work lamps on back of cab		
☐ WLC-PKL	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab		
☐ WLC-PKLH			
■ ECBB-BAS	Body builder electrical centre, prepared for body builder module		

■ 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

MODEL RANGE

FM Gas Powered 42 Tractor Rear Air FM 42T LA2

Volvo Trucks. Driving Progress