**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-HSLP and CAB-SLP and CAB-XHSL, +418 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 ± 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.
FM13 HA 4x2 Tractor Air Ride  FM 42  T3HA

Truck use
■ RC-ROUGH Operating class on/off road

Core components
■ CHH-MED Approximate chassis height 900 mm
■ FM-DAY Day cab
■ FM-HSLP Globetrotter cab
■ FM-SLP Sleeper cab
■ EUSSCR-M Eu5 SCR Selective Catalytic Reduction ( mandatory )
■ D13C460 Engine, 13C litre, 460hp, 2300nm
■ D13C500 Engine, 13C litre, 500hp, 2500nm
■ EBR-VEB+ Volvo Engine Brake + (VEB+)
■ AT2612F Volvo I-shift - 12 speed automatic transmission (2600nm)
■ RSS1536 Solo axle, single reduction 13t GCW56

Packages
□ AUDHIG Sound System including standard non-touch SID screen
□ MEDIA SID Touch Screen. Internet Portal Support only for Dynafleet
□ MEDIANDF SID Touch Screen. Onboard Vehicle & Internet Portal Support for Dynafleet
□ OCVSGTR Visibility package Globetrotter
□ OCVISI Visibility package
□ OCVISI+ Visibility package - plus

Chassis
■ FAL6.5 Front axle load 6.5 tonnes
■ FAL7.1 Front axle load 7.1 tonnes
■ FSTAB Front stabilizer, normal stiffness
■ FSTAB2 Front stabilizer bar increased stiffness
■ FSTAB3 Heavy duty front stabiliser bar
■ RAL13 Rear suspension load rating: 13,000 kg
■ RSTAB1 Rear stabiliser bar
■ RSTAB3 Heavy duty rear stabiliser bar
■ ACTST-TO Volvo Dynamic Steering
■ ASFE-PO Dynamic steering active features with personal settings and oversteer guidance
□ PSP-FIX Power steering pump with fixed displacement
□ EBS-MED Electronic Brake System (EBS) contains ABS, Traction control, Hill start aid
□ TRCO-12V 24v to 12v trailer lighting voltage converter
□ TABS-12 24v to 12v trailer ABS voltage converter
□ FRAME266 Frame rail height 266mm
□ FS7070 Frame section thickness 7mm
□ BBOX-L Battery box mounted on LHS chassis rail
□ 2BATT225 2x225 Ah batteries
□ BATTAMP Battery amperage indicator (in the DID)
□ MSWI-C Isolation toggle switch LHS of chassis
□ MSWI-R Isolation switch on key fob (press door lock twice to isolate)
□ R415A68 RHS 415 litre alloy fuel tank w/o step
□ UL-FUEL LHS fuel tank not fitted
□ ADB064 AdBlue tank 64 litres
□ ADB090 AdBlue tank 90 litres
□ FCPA Fuel tank cap with lock
■ ESH-RGH Muffler horizontal, right exhaust outlet
■ ESH-VERT Muffler horizontal, vertical exhaust outlet on right hand side
■ EXST-SSP Stainless steel exhaust stack
■ TBC-AUS Trailer brake connections (suizi coils)
■ TRBR-HCR Hand controlled trailer brake, reduced pressure
■ TRBR-STA Stationary trailer brake control
■ TRB-STRE Automatic trailer brake activation (stretch brake)
■ ATANK-AL Aluminium air tanks
■ TL-LED LED tail lights

Rims and Tyres
■ RT-AL 10 stud alloy discs rims (with long wheel studs)
■ RT-ALDP 10 stud dura-bright alloy disc rims (with long wheel studs)
■ RT-ALDPU 10 stud dura-bright alloy disc rims
■ RT-ALDU 10 stud alloy disc rims
■ RT-ALP 10 stud polished alloy disc rims (with long wheel studs)
■ RT-ALPDPU 10 stud polished alloy disc rims
■ RT-STEEL 10 stud steel disc rims
■ SPWT-D Spare rim & tyre equal to drive
■ SPWT-F Spare rim & tyre equal to steer
■ SWCP-7 Transport mounted spare wheel
■ JACK-12T 12 tonne capacity jack with brace
□ TOOL-BAS Basic tools
□ TOOLKIT Tool kit complete
□ INFLAHOS Tyre inflation hose (20 metres)

Powertrain equipment
□ PVT-EXT Topography information... by GPS positioning & central storage data
□ TP-CON Construction application trans. software
□ TP-DIST Distribution application trans. software
□ TP-LONG Long haul application trans. software
□ AMSO-AUT Manual gear shift in automatic mode.
□ AVO-ENH AMT Vocational option - enhanced
□ APF-ENH Enhanced I-shift PTO functions
■ TC-MAOH2 High performance transmission cooler
■ AIRN-HI High air intake, roofline position
■ AIRN-LO Low air intake, rear of cab position
■ ACL1ST-S Air cleaner with two stage filter element
■ 24AL120B High capacity alternator, 120 Ampere.
■ 24AL160B Alternator - 160 Amp
■ PTER-100 PTO engine rear mounted with flange DIN100/ISO7646
■ PTER-DIN Power Take Off / splined shaft groove (female) DIN5462.
■ PTER1400 Rear engine mounted power-take-off with flange SAE 1410
□ HPE-F101 F1-101 Hydraulic pump rear engine mounted
□ HPE-F41 F1-41 Hydraulic pump rear engine mounted
□ HPE-F51 F1-51 Hydraulic pump rear engine mounted
□ HPE-F61 F1-61 Hydraulic pump rear engine mounted
□ HPE-F81 F1-81 Hydraulic pump rear engine mounted
□ HPE-TS5 F2-S5/S hydraulic pump rear engine mounted
□ HPE-TS5 F2-S5/S3 twin flow hyd pump rear engine mounted
□ HPE-T70 F2-70/53 twin flow hyd pump rear engine mounted
□ HPE-V45 V1-45 variable pump rear engine mounted
□ HPE-V75 V1-75 variable pump rear engine mounted
□ PTR-D Low speed PTO with DIN connection
□ PTR-DH High speed PTO with DIN connection
□ PTR-DIN Medium speed PTO with DIN connection
□ PTR-F Rear PTO trans. flange 100% speed
□ PTR-FH High speed PTO with flange connection
□ PTR-FL Low speed PTO with flange connection
□ PTRD-D PTO with 2 DIN connections rear + 2 DIN connection front
□ PTRD-F PTO with 1 DIN + 1 flange connection rear

- 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.
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**FM13 HA 4x2 Tractor Air Ride**  
FM 42 T3HA

- **GUARD-W**  
  Windscreen stoneguard
- **HL-BASIC**  
  Standard head lamps
- **HL-BHID**  
  Xenon head lamps high intensity discharge
- **HL-DBL**  
  Bi-Xenon headlamps with Dynamic Bending Light
- **HL-CLEAN**  
  Head lamp cleaning system
- **HL-ADJ**  
  Headlight adjustment
- **DRL-LED**  
  V-shaped LED daytime running light
- **DRIVL2**  
  Integrated driving lamps
- **UDRIVL**  
  Without driving lights
- **FOGL-WC**  
  Integrated fog lamps
- **CL-STAT**  
  Corner light-static
- **ASL-RF2**  
  Auxiliary spotlights inside Globetrotter sign box
- **IDLAMP-A**  
  Identification lamps-amber
- **BEACON-P**  
  Beacon light wire preparation
- **SPOTP-F**  
  Aux spotlamp preparation, 280W maximum
- **CSGN-GTR**  
  Globetrotter decal
- **ANT-CBR**  
  Antenna for CB radio, single antenna

### Superstructure

- **5WM-OBLP**  
  5th wheel L-profiles
- **SRWL-PK**  
  Wiring prep for chassis mounted reverse/working lamps-3 position switch
- **SWL-PK**  
  Wiring prep for chassis-mounted working lamps-2 position switch
- **WL-TA1W**  
  Fifth wheel light
- **WLC-H2W**  
  2 x H3/70W high mounted work lamps with white lens.
- **WLC-PKH**  
  Prep kit for high mounted work lamps.
- **WLC-PKL**  
  Prep kit for low mounted work lamps.
- **WLC-PKLH**  
  Prep kit for low and high mounted work lamps.
- **ECBB-HIG**  
  Body builder module
- **BBCHAS1**  
  Body builder chassis electrical interface, 1 x 7 pin connector
- **BBCHAS3**  
  Body builder chassis electrical interface, 3 x 7 pin connectors
- **EXSTER**  
  External steering via body builder's module
- **AESW2PK**  
  2 flexible switches (AUX1 & AUX2) + additional 4 flexible switches
- **AUXSW-4**  
  4 extra bi-stable switches wired to BBM

### Delivery services

- **TGW-3GWL**  
  Telematics gateway with 3G & WLAN
- **FMS-PK**  
  Fleet management system gateway
- **DRUT**  
  “My Truck” smartphone app.