**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 ±20 mm for leaf and ±10 mm for air suspension.
- Chassis height used: CHH-HIGH.
- Height change when chassis height CHH-MED, FRAME266: 0 mm.

Weight and dimensions are based upon the following tires:
- Front Axle Tyres: 315/80R22.5
- Drive Axle Tyres: 315/80R22.5
- Trailing/Pusher Axle Tyres: 315/80R22.5

**Chassis Weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ±3%.

Turning diameters are theoretically calculated. Tag axle used: TA-FIXED.

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 FM62TT1HA.
**FM 11 6x2 Tractor - Tag - Rear Air Suspension**  
**FM 62 TT1HA**

**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
- **TAG-FIXD** Fixed tag axle twin axles (4 tyres on complete axle)
- **TAG-FIXS** Fixed tag axle single axles (2 tyres on complete axle)
- **RADT-GR** Rear air suspension, 2 axles - 1 driven/1 tag
- **FM-DAY** Day cab - with steel safety cage design
- **FM-HSLP** Globetrotter cab - with steel safety cage design
- **FM-LSLP** Low sleeper cab - with steel safety cage design
- **FM-SLP** Sleeper cab - with steel safety cage design
- **FM-XHSL** Globetrotter LXL cab - with steel safety cage design
- **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 460hp at 17-1800rpm. Peak torque 2200Nm at 1050-1400rpm.
- **EBR-EPG** Exhaust brake controlled by steering column switch
- **EBR-EPGC** Exhaust pressure governor for 1 shift gearbox
- **EBR-VEB** Volvo engine brake and exhaust pressure governor retardation 300kW
- **AT2412F** AT2412F 12-speed "1-shift" automated mechanical gearbox suitable for gross train weights up to 44000kg only refer to sales engineering when used in conjunction with a PTO
- **AT2612F** AT2612F 12-speed "1-shift" automated mechanical gearbox suitable for gross train weights up to 60000kg only refer to sales engineering when used in conjunction with a PTO
- **ATO2612F** ATO2612F 12-speed "1-shift" overdrive automated mechanical gearbox suitable for gross train weights up to 60000kg only refer to sales engineering when used in conjunction with a PTO
- **PT2106** Powertronic automatic 6-speed gearbox, max. engine torque 2100Nm, max. permitted GCW 100000kg
- **RSH1370F** RSH1370F hub reduction rear axle with differential lock - design GCW 70 tonne
- **RSS1344E** RSS1344E single reduction rear axle with differential lock - design GCW 44000kg
- **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**
- **EDITION**
  - **LHFP-VE** Long Haul Fuel Economy driving package
  - **AIRFLPAC** Air flow package including roof and side air deflectors plus chassis skirts
  - **DRIVEFM** Driving package
  - **DRIVEFM+** Driving package plus package
  - **BEDFM** One bed resting package
  - **AUDHIG** High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from MP3 - 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.
  - **MEDIADF** AM/FM Bluetooth radio without CD player.
  - **MEDIANAV** AM/FM Bluetooth radio without CD player. USB and Aux line inputs.
  - **VSS** Volvo Sales Support system (VSS).
  - **VISI15** Visibility package
  - **VISI15+** Visibility plus package
  - **ASAF15** New 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
  - **FSLS-8AS** Front suspension levelling - basic stroke
  - **FSLS-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
  - **FAL.10.0** Front axle design capacity 10 tonnes - Ensure that you have checked the tyre load index
  - **FAL.7.1** Front axle design capacity 7.1 tonnes
  - **FAL.7.5** Front axle design capacity 7.5 tonnes
  - **FAL.8.0** Front axle design capacity 8.0 tonnes - Ensure that you have checked the tyre load index
  - **FAL.8.5** Front axle design capacity 8.5 tonnes
  - **FAL.9.0** Front axle design capacity 9.0 tonnes - Ensure that you have checked the tyre load index
  - **FSTAB** Front anti-roll bar
  - **FSTAB2** Front anti-roll bar medium stiffness
  - **FSTAB3** Front stiff anti-roll bar
  - **RALT9** Rear anti-roll bar
  - **RALT2B** Rear anti roll bar medium stiffness
  - **RALT3B** Rear stiff anti-roll bar
  - **RALIM10** Rear axle load limiter, 10 tonnes
  - **RALIM10S** Rear axle load limiter, 10.5 tonnes
  - **RALIM115** Rear axle load limiter, 11.5 tonnes
  - **RALIM95** Rear axle load limiter, 9.5 tonnes
  - **ACST-TO** Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay

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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FM 11 6x2 Tractor - Tag - Rear Air Suspension  FM 62 TT1HA

- 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
- ETS-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  Refrigerator preparation kit, engine tunnel mounted
- REF-RUS  28 litre rear upper wall mounted refrigerator with deviders
- 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 hatch - Electrically operated
- RH-EE  Without roof hatch
- RH-ETR  Roof & escape hatch - Electrically operated, tinted glass with rear opening
- RH-MSR  Steel roof hatch - Manually operated with rear opening
- RH-MTR  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, insteps 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
- CTILTP-E  Electrically operated hydraulic cab tilt
- CTILTP-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  Basic electrically heated and operated mirrors FXM style with wide angle and passenger kerb mirror, to increase vision side mirrors have no mirror cowlings.

- MIRCOMFM  Electrically heated and operated main mirror with heated wide angle mirror on both sides, manual kerb view mirror on passenger side
- MIRSTD2  Basic electrically heated FXM style main with wide angle and passenger kerb mirror, to increase vision side mirrors have no mirror cowlings.
- MIRSTDFM  Electrically heated exterior mirrors 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  Headlight protection
- HL-ADJ  Adjustable headlights with switch in the cab
- DRIVL2  Two spot lamps
- UDRVL  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.
- 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
- SPOTF-F  Spotlamp preparation in front, max 280W
- SPOTP-R  Spotlamp preparation on roof, max 280W
- SPOTP-RF  Spotlamp preparation on cap 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-F15  Single tone Jericho air horn chassiss 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
- ACCBR-R  Rear roof mounted accessory bracket
- ACCBR-RM  Rear & middle roof mounted accessory brackets
- RFCAR-BC  Rear mudguard carrier, back of cab
- LADDER  Ladder back of cab
- REF5-TW  White cab conspicuity markings by packed in cab
- REF5-TY  Yellow cab conspicuity markings by packed in cab

SUPERSTRUCTURE PREPARATIONS

- Standard Equipment
- Optional Equipment

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

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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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The specification can vary from country to country.

Volvo Sales Support system (VSS).

- **5WM-ASM** 50mm high ‘L’ profiles for air actuated sliding 5th wheel
- **5WM-ISOM** 5th wheel subframe 60mm high above chassis frame L profiles 50mm with 10mm thick plate
- **5WM-LPRO** 5th wheel attached direct to frame with inverted ‘L’ profiles
- **5WM-MASM** 50mm high ‘L’ profiles for manual sliding fifth wheel
- **5WH150** Fifth wheel leg-height 150 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 150SPZ 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 fifth wheel 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
- **BEPRT2** 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
- **AUXLS-PK** Electrical preparation kit - wiring and switch for snow plough lights
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift 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 **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

**DEVELOPMENT SERVICES**
- **TGW-3GW** Telematics gateway with GSM/GPRS/3G modem and wireless lan WLAN
- **FMS-PK** Fleet Management System gateway
- **DRUT** "My Truck App" Two years subscription to driver utility application

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