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.
Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max) for selected wheelbase.

Weight and dimensions are based upon the following tyres:
Front Axle Tyres: 315/70R22.5
Drive Axle Tyres: 315/70R22.5

Chassis weight includes oil, water, AdBlue, 70 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 FM64R3LA.
TRUCK USE

- RC-SMOOT Operating class highway
- GARB-PRE Garbage preparation
- SWAPBODY Swap body vehicle preparation
- TIPP-PRE Tipper vehicle preparation
- UNIFORM Basic platform vehicle

CORE COMPONENTS

- CHH-LOW Chassis frame height low - 850mm nominal above ground level - subject to tyre size
- For specific coupling heights always check the unique BEP chassis drawing
- RADD-GR Rear air suspension, 2 axles - 2 driven
- FM-DAY Day cab - with steel safety cage design
  Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP Globetrotter cab - with steel safety cage design
  Designed and built to Swedish impact and ECE R29 regulations
- FM-LSVP Low sleeper cab - with steel safety cage design
  Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP Sleeper cab - with steel safety cage design
  Designed and built to Swedish impact and ECE R29 regulations
- FM-XHSL Globetrotter XLX cab - with steel safety cage design
  Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR Emission level - Euro 6

PACKAGES

- LHFP-V Long Haul Fuel Economy driving package
- DRIVEFM Driving package
- DRIVEFM+ Driving plus package
- 1BEDFM One bed resting package
- 2BEDFM Two bed resting package
- AUDBAS Audio basic: RDS radio with CD player, FM/AM antenna and speakers in dashboard and doors.
- AUDHIG High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from CD - with integrated bluetooth phone and USB/LINE inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.
- MEDIA
- MEDIADF
- MEDIANAV
- MEDIANDF
- VISI15 Visibility package
- VISI15+ Visibility plus package
- ASA15 New Active safety package

CHASSIS

- FST-AIR Front suspension type - air
- FAL10.0 Front axle design capacity 10 tonnes
- 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
- FAL8.5 Front axle design capacity 8.5 tonnes
- FAL9.0 Front axle design capacity 9.0 tonnes
- FSTAB2 Front anti-roll bar medium stiffness
- FSTAB3 Front stiff anti-roll bar
- RAL21 Rear bogie design capacity 21 tonnes
- RAL26 Rear bogie design capacity 26 tonnes
- RSTAB1 Rear anti-roll bar
- RSTAB3 Rear stiff anti-roll bar
- RALIM10S Rear axle load limiter, 10.5 tonnes
- RALIM11S Rear axle load limiter, 11.5 tonnes
- RALIM13 Rear axle load limiter, 13 tonnes
- RALIM15 Rear axle load limiter, 15 tonnes
- RALIM95 Rear axle load limiter, 9.5 tonnes
- ACTST-TO Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay
- PSS-SING Single power steering system
- PSP-FIX Power steering pump with fixed displacement
- PSP-VAR Power steering pump with variable displacement
- EBS-MED EBS medium package including "hill" hold function
- AUXPARK Additional spring parking brakes
- ABS Anti lock brakes
- UABS Without ABS
- FRAME266 Frame rail section external height 266 mm
- FST7070 Frame thickness - web and flange 7.0mm
- FST8000 Frame thickness - web and flange 8.0mm
- FIL-EEE8 Inner liner from end of engine to end of bogie
- FIL-EEEF Inner liner from end of engine to end of frame
- FIL-FBE8 Inner liner over rear bogie
- FIL-FBEF Inner liner from front of bogie to end of frame
- FIL-TXE8 Inner liner from gearbox member to end of bogie
- FIL-TXEF Inner liner from gearbox member to end of frame
- BBOX-L Battery box located on left hand side
- 2BATT170 2 x 170 Ah capacity batteries
- 2BATT225 2 x 225 Ah capacity batteries
- BATTAMP Battery voltage and amperage gauge
- BATTIND Battery charge indication
- ADR1 ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted sepaerately)
- ADR2 ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required)

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.
this is quoted separately)

- **MSWI-A** Main switch - ADR switch circuit shut down
- **MSWI-C** Main switch - Chassis mounted toggle switch by battery box
- **MSWI-R** Main switch - Key fob operated remote controlled
- **R315A56** Right aluminium 560 mm D-shaped fuel tank, 315 litres volume
  Min volume 255l
  Max volume 865l

- **UL-FUEL** Without left fuel tank
  Min volume 160l
  Max volume 730l

- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **ADB048** AdBlue tank usable volume 48 litres
- **ADB064** AdBlue tank usable volume 64 litres
- **ADB068** AdBlue tank usable volume 68 litres
- **ADB090** AdBlue tank usable volume 90 litres
- **ADB100** AdBlue tank usable volume 100 litres

- **ADTC-BF** AdBlue tank cover with satin alloy look decorative cover

- **FCAP** Locking fuel filler cap

- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage devices

- **ESH-LEFT** Horizontal silencer, left exhaust outlet
- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESH-RH/RIGHT** Horizontal silencer, right exhaust outlet
- **ESH-VERT** Horizontal silencer, vertical exhaust outlet

- **EXT-SSP** Stainless steel exhaust stack
- **EXT-ST** Steel exhaust stack

- **HS-NAR** Narrow heat shield

- **WHC-FIX2** Two fixed wheel chocks
- **WHC-FOL2** Two foldable wheel chocks

- **WHCP-F** Wheel chock(s) stored in the front part of the vehicle
- **WHCP-M** Wheel chock(s) stored in the middle part of the vehicle
- **WHCP-R** Wheel chock(s) stored in the rear part of the vehicle
- **WHCP-T** Transport mounted wheel chock(s) stored in cab outer luggage locker

- **TB-L80** Toolbox 800 mm, left side
- **TB-R80** Toolbox 800 mm, right side

- **CHAIN-S** Snow chains

- **HOOK-SC** Snow chain hooks

- **TOWF-NO1** One front towing device
- **TOWF-NO2** Two front towing devices
- **TOWMBRH** Towing member, high mounted in centre of frame, D = 190
- **TOWMBRL1** Towing member, low mounted under the frame
- **TOWMBRL2** Towing member, low and forward mounted under the frame
- **TOWMBRL3** Towing member, low and far forward mounted under the frame
- **TOWMBRM** Towing member, medium mounted in line with frame lower flange

- **RFEC-L** Rear frame end, lower flange cut for centre axle drawbar.
- **RFEC-S** Rear frame end, straight cut for regular platform applications
- **RFEC-U** Rear frame end, upper cut for tipper applications.

- **C-R4040** Towing coupling, Ringfeder 4040 G-150
- **C-R5055** Towing coupling, Ringfeder 5055 G-150
- **C-R0400G** Towing coupling, Rockinger 400 G-150 for 40mm eyes
- **C-R050** Rockinger RO 50 or 50mm for centre axle trailer

- **TOWR-ONE** Towing hitch attached to rear crossmember

- **TREL-PK** Trailer electrical preparation kit - chassis/cab wiring
- **TREL14** Single 14 pole electrical trailer connector
- **TREL15** Single 15 pole electrical trailer connector - ADR certified
- **TREL7** 7 pole - 24N trailer electrical suzie
- **TREL7-7** 24N and 24S trailer electrical suzies
- **TBC-DUO** Dymatic type air line connectors

- **TRC-EC** Palm coupling type air line connectors
- **TRBR-HCF** Full pressure hand controlled trailer brake
- **TRBR-STA** Stationary trailer brake control
- **TRB-STRE** Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability

- **RUP-FOLD** Folding EC approved aluminium rear underrun
- **RUP-FOSS** Folding & sliding EC approved aluminium rear underrun

- **RFEND-B** Three piece EC approved rear mud wings and spray flaps
- **RFEND-T** Rear mud wings, transport mounted

- **RFH-BAT** Basic rear wing height
- **RFH-HG** High rear wing height - higher wing tops
- **RFH-LOW** Lower rear wing height - shallower wing tops

- **AUXATNK** Auxiliary air tank
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks

- **REST-S-W** White conspicuity markings on chassis - sideguards, toolbox and rear overhang

- **REST-RUP**

- **TL-LED** LED Tail lights
- **BLIGHT-E** Emergency brake light

### WHEELS & TYRES

- **RT-AL** Alcoa brushed aluminium rims with standard holes for long study fixing on all axles
- **RT-ALDP** Alcoa Dura-Bright EVO aluminium rims with standard holes long study fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- **RT-ALDPD** Alcoa Dura-Bright EVO aluminium rims with countersunk holes for short study fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- **RT-ALDU** Alcoa brushed aluminium rims with countersunk holes for short study fixing on all axles
- **RT-STEEL** Steel rims on all axles
- **WCAP** Aerodynamic hub caps
- **SPWT-D** Spare wheel & tyre with rear tyre pattern
- **SPWT-F** Spare wheel & tyre with front tyre pattern
- **SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
- **SWCP-R** Rear mounted spare wheel carrier
- **SWCP-T** Spare wheel supplied temporarily strapped to chassis
- **SWCP-TP** Temporary spare wheel carrier on top of chassis frame
- **JACK-12T** 12 tonne bottle jack
- **TOOL-BAS** Basic Toolkit
- **TOOLKIT** Complete tool kit
- **INFRAHOS** Tyre inflation hose
- **GAUGE-TI** Tyre pressure gauge

### DRIVELINE EQUIPMENT

- **TRAP-HD** Reinforced gearbox application
- **TP-DICON** I-shift software - Distribution and Construction
- **TP-FUEC** I-shift software - Long Haul, Fuel & economy
- **TP-FUECS** I-shift software - I SEE Long Haul Fuel & Economy
  Works with cruise control, inclinometer and GPS to learn the route travelled and or used centrally stored data for maximum economy
- **TP-HD** I-shift software - Heavy duty for high GCW
  Special conditions apply consult Sales Engineering
- **AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- **AVO-ENH** Enhanced software for off road driveability and starting
- **APF-ENH** I-shift enhanced PTO functions
- **CD40B-O** Twin plate 394mm (16") clutch
- **CD43-O**
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The specification can vary from country to country.

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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Standard 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.
AMIR-F20  Auxiliary front view mirror with a 200mm radius

FM D13 64R LOW FULL AIR  

**SUPERSTRUCTURE PREPARATIONS**

- **CROSSRE**  Cross reinforcement for swapbody
- **SRWL-2RW**  Two H3 70W white rear chassis mtd (LH/RH side) working lamps & 2-pos switch (On/Off)
- **SRWL-PK**  Wiring preparation for side & rear work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **SWL-2FW**  Two H3 70W white front chassis mtd (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

**SPECIFICATIONS**

- **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

**WIRING PREPARATION**

- **FAB-22T**  Lower front body attachments for torsionally flexible - platform body
- **FAB-ETS**  Lower front body attachments for torsionally semi-flexible body - box or curtainsider
- **HBA-FSFB**  Holes for body attachments - flexible/semi-flexible body
- **HBA-SB**  Holes for body attachments - stiff body
- **RBA-T2**  Lower rear body attachments for helper frame
- **CRANEK1**  Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
- **CRANEK2**  Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
- **CRANEK4**  Crane plates mounted to frame, for cranes up to 40 tonne metre capacity

**EQUIPMENT**

- **AUXL-SPK**  Electrical preparation kit - wiring and switch for snow plough lights
- **TAILPRE2**  Tail lift preparation kit, wireless remote operation
- **TAILPREP**  Tailift preparation kit - cab switch and warning in driver display
- **AESW2**  Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **AESW2PK**  Two 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-3GW**  Telematics gateway with GSM/GPRS/3G modem and wireless lan WLAN
- **TESP-T**  Driver Service Platform with Dynafleet Telematics
- **TESP-TN**  Driver Service Platform with Dynafleet Telematics and Navigation
- **FMS-PK**  Fleet Management System gateway

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