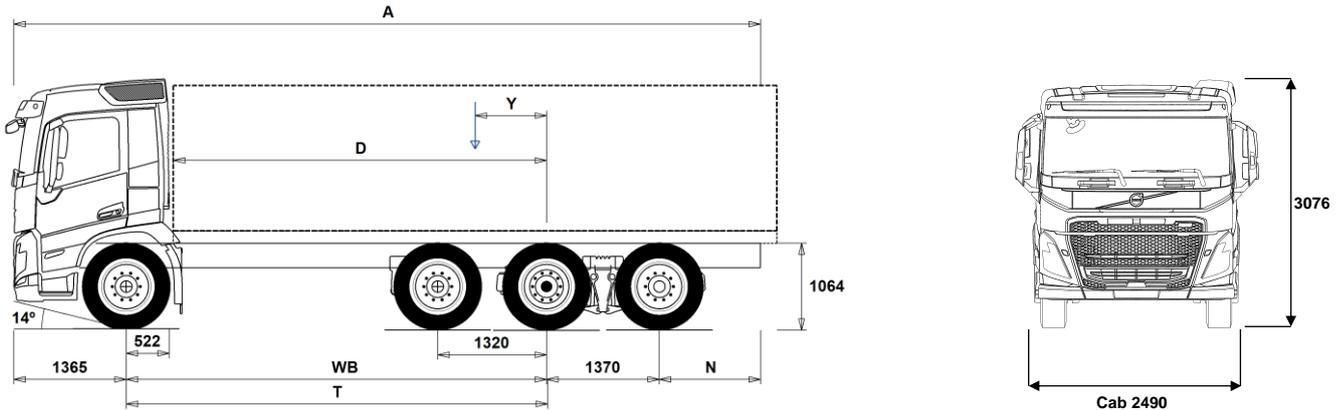


# MODEL RANGE



Volvo Trucks. Driving Progress

NEW FM 11 8x2 Rigid - Pusher & Tag Tridem – contact sales engineering reference



## Chassis Dimensions [mm]

WB Wheelbase	5100	5600
A Overall Chassis Length	9610	10110
D Center of rear axle to front of body	4528	5028
N Rear Overhang (Min.)	1225	1225
N Rear Overhang (Max.)	1775	1775
T Theoretical Wheelbase	5114	5614
Y Center of Gravity for Payload (Min.)	694	763
Y Center of Gravity for Payload (Max.)	694	763

## Chassis Weights [kg]

Front Axle	4700	4705
Rear Bogie	3480	3515
Kerb Weight	8180	8220
Payload (including body, driver, fuel, etc.)	23820	23780

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20100	21700
Turning Circle Diameter Wall to Wall	21500	23100

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	36000
Gross Combination Weight	44000	44000
Front Axle	8000	9000
Rear Bogie	24000	27000

## Important Notes

### Chassis Dimensions

Cab Height: +374 mm for CAB-HSLP, -204 mm for CAB-LDAY, -204 mm for CAB-LSLP, +4 mm for CAB-SLP.

Front Axle to Back of Cab: +424 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +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  $\pm 20$  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.

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

Height change when chassis height CHH-MED,FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:

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  $\pm 3\%$ .**

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 FM82RPT1A.

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### TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOT** Road Conditions - Smooth
- GARB-PRE** Transport Adaption - Refuse preparation
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

### CORE COMPONENTS

- CHH-HIGH** Chassis Height - High - for loading heights check the unique BEP chassis drawing
- CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing
- PT-TFIXD** Pusher-tag tridem - Electro hydraulic steered pusher with fixed tag/dual wheel mounting
- RAPDT-GR** Rear air suspension, 3 axles - 1 pusher/1 driven/1 tag
- FM-DAY5** Cab - Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP5** Cab - Globetrotter - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY5** Cab - Low Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP5** Cab - Low sleeper - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP5** Cab - Sleeper with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro VI step D
- D11K330** Engine - D11K330 10.8 litre engine developing 330hp at 16-1900rpm.  
Peak torque 1600Nm at 950-1400rpm.
- D11K380** Engine - 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 16-1800rpm.  
Peak torque 2200Nm at 1050-1400rpm.
- EBR-EPGC** Engine Brake Type - Exhaust pressure governor for I shift gearbox
- EBR-VEB** Engine Brake Type - Volvo engine brake and exhaust pressure governor retardation 300kW
- AT2612F** Gearbox - AT2612F 12-speed "I-shift" automated mechanical suitable for gross train weights up to 60tonne only.  
Refer to sales engineering when used in conjunction with a PTO
- ATO2612F** Gearbox - ATO2612F 12-speed "I-shift" overdrive automated mechanical, suitable for gross train weights up to 60tonne.  
Refer to sales engineering when used in conjunction with a PTO
- RSH1370F** Drive Axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- RSS1352A** Drive Axle - RSS1352A single reduction 13 tonne with differential lock - design GCW 52 tonne
- RSS1356** Drive Axle - RSS1356 13-tonne single reduction with differential lock - design GCW 56 tonne
- RSS1370A** Drive Axle - RSS1370A single reduction 13 tonne with differential lock - design GCW 70 tonne
- RSS1370B** Drive Axle - RSS1370B single reduction 13 tonne with differential lock - design GCW 70 tonne

### PACKAGES

- FUELPACK** Long Haul Fuel Economy driving package
- DRIVE5** Drive Package
- DRIVE5+** Drive + Package
- DRIVE5++** Drive ++ Package

Standard Equipment

Optional Equipment

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

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- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOBAS** Basic media package without secondary display
- INFODF** Media Information Platform with Dynafleet Support
- INFOMED** Media Information Platform - Medium level
- INFONAV** Media Information Platform with Navigation
- INFONDF** Media Information Platform with Navigation & Dynafleet Support
- VISI5** Visibility Package
- VISI5+** Visibility plus Package
- CHASPAC** Chassis Package Rigid
- 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 tonne - check tyre capacity
  - FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
  - FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
  - FSTAB** Front anti-roll bar - Normal stiffness
  - FSTAB2** Front anti-roll bar - Medium stiffness
  - FSTAB3** Front anti-roll bar - High stiffness
  - RAL27** Rear bogie design capacity - 27 tonne
  - RAL30** Rear Bogie Design Capacity - 30 tonne
  - RAL30.5** Rear Bogie Design Capacity - 30.5 tonne
  - RAL31.5** Rear Bogie Design Capacity - 31.5 tonne
  - RSTAB3** Rear anti-roll bar - Stiff
  - RALIM105** Rear-axle load limiter - 10.5 tonne - speed controlled
  - RALIM115** Rear-axle load limiter - 11.5 tonne - speed controlled
  - RALIM13** Rear-axle load limiter - 13 tonne
  - ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
  - ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
  - ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
  - ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist
  - ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
  - PSS-DUAL** Power steering system - Dual
  - PSS-SING** Power steering system - Single
  - PSP-VAR** Power steering pump - Variable displacement
  - EBS-MED** Brake package - EBS medium including "hill" hold function
  - FRAME300** Chassis frame section external height - 300 mm
  - FST8080** Chassis frame thickness - 8 mm web and flange
  - FIL-EEEB** Chassis frame inner liner - From the end of the engine to the end of the bogie
  - FIL-EEEF** Chassis frame inner liner - From the end of the engine to end of the frame
  - FIL-FBEB** Chassis frame inner liner - Over the rear bogie
  - FIL-FBEF** Chassis frame inner liner - From the front of bogie to the end of the frame
  - FIL-TXEB** Chassis frame inner liner - From gearbox member to the end of the bogie
  - FIL-TXEF** Chassis frame inner liner - From gearbox member to the end of the frame
  - BBOX-L** Battery box position - Left hand side
  - 2BAT210B** Battery Capacity - 2 x 210 Ah - Gel type

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■ <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	□ <b>TREL7</b>	7 pole - 24N trailer electrical suzie
■ <b>BATTAMP</b>	Battery management - Voltage and current gauge	□ <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
□ <b>BATTIND</b>	Battery management - Charge indicator	□ <b>TBC-DUO</b>	Duomatic type air line connectors
□ <b>ADR2</b>	ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately	□ <b>TBC-EC</b>	Trailer brakes with EC palm coupling connectors
□ <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	□ <b>TRBR-HCF</b>	Full pressure hand controlled trailer brake
■ <b>MSWI-C</b>	Battery master switch - Chassis mounted toggle by the battery box	□ <b>TRBR-STA</b>	Stationary trailer brake control
□ <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	□ <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
■ <b>R330A71</b>	Right fuel tank - 330litre aluminium diameter 710mm Min volume 210l Max volume 810l	□ <b>RFEND-B</b>	Three piece EC approved rear mud wings and spray flaps
■ <b>UL-FUEL</b>	Without left fuel tank Min volume 160l Max volume 730l	□ <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
□ <b>ADTP-L</b>	Adblue tank position - Chassis mounted on the left-hand side	□ <b>RFH-BAS</b>	Basic rear wing height
■ <b>ADTP-R</b>	Adblue tank position - Chassis mounted on the right-hand side	□ <b>RFH-HIG</b>	High rear wing height - higher wing tops
□ <b>ADB048</b>	Plastic AdBlue tank - 48 litre	□ <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
■ <b>ADB064</b>	Plastic AdBlue tank - 64 litre	□ <b>ATANK-AL</b>	Air tanks - Aluminium
□ <b>ADB068</b>	Plastic AdBlue tank - 68 litre	■ <b>ATANK-ST</b>	Air tanks - Steel
□ <b>ADB090</b>	Plastic AdBlue tank - 90 litre	■ <b>TL-LED</b>	Rear lights - LED
□ <b>ADB100</b>	Plastic AdBlue tank - 100 litre	□ <b>BLIGHT-E</b>	Emergency brake light
□ <b>ADTC-BF</b>	AdBlue tank cover with satin alloy look decorative cover		
■ <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking		
■ <b>FUFF-AS</b>	Fuel filler - Anti-spill device		
□ <b>FUFF-ATS</b>	Fuel filler - Anti-spill & anti-syphon device		
□ <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet		
■ <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet		
□ <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet		
□ <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet		
□ <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished		
□ <b>EXST-ST</b>	Steel exhaust stack		
□ <b>HS-NAR</b>	Narrow heat shield		
□ <b>WHC-FIX2</b>	Wheel chocks - Two fixed design		
□ <b>WHC-FOL2</b>	Two foldable wheel chocks		
□ <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle		
□ <b>WHCP-M</b>	Wheel chock carrier position - Middle part of the vehicle		
□ <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle		
□ <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker		
□ <b>TB-R80</b>	Toolbox 800 mm, right side		
□ <b>SUP-BAS</b>	EC approved chassis side guards		
□ <b>CHAIN-S</b>	Snow chains		
□ <b>HOOK-SC</b>	Snow chain hooks		
■ <b>TOWF-NO1</b>	Front towing device - One detachable - stored in cab		
□ <b>TOWF-NO2</b>	Front towing device - Two detachable - stored in cab		
□ <b>TOWMBR1</b>	Towing member, high mounted in centre of frame, D = 190		
□ <b>TOWMBRL1</b>	Towing member, low mounted under the frame		
□ <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange		
■ <b>RFEC-S</b>	Rear frame profile - Straight cut		
□ <b>RFEC-U</b>	Rear frame profile - Slight uppercut for tipper		
□ <b>C-RI4040</b>	Towing coupling, Ringfeder 4040 G-150		
□ <b>C-RI5055</b>	Towing coupling, Ringfeder 5055 G-150		
□ <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes		
□ <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer		
□ <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember		
■ <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring		
□ <b>TREL14</b>	Single 14 pole electrical trailer connector		
□ <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified		

■ Standard Equipment

□ Optional Equipment

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<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-F41</b>	Parker F1-41 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-F51</b>	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>2COM1100</b>	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> <b>HPG-F61</b>	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input checked="" type="checkbox"/> <b>2COMP900</b>	Air compressor - Two-cylinder 900 litres per minute	<input type="checkbox"/> <b>HPG-F81</b>	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>CLU-AIRC</b>	Clutchable air compressor	<input checked="" type="checkbox"/> <b>STWPOS-R</b>	Steering wheel position - RIGHT-HAND DRIVE
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	Air intake - Roof-mounted behind cab on the left-hand side	<input type="checkbox"/> <b>STWM-LE</b>	Leather steering wheel
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input type="checkbox"/> <b>STGW-AD2</b>	Adjustable steering wheel with neck tilt
<input type="checkbox"/> <b>ACL1ST-S</b>	Air filter - two-stage element	<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Adjustable steering wheel
<input checked="" type="checkbox"/> <b>24AL110B</b>	Alternator capacity - 110 amp	<input checked="" type="checkbox"/> <b>AIRBAG</b>	SRS Driver's air bag
<input type="checkbox"/> <b>24AL120B</b>	Alternator capacity - 120 amp alternator	<input type="checkbox"/> <b>INST-BAS</b>	Basic level instruments
<input type="checkbox"/> <b>24AL150B</b>	Alternator capacity - 150 amp	<input checked="" type="checkbox"/> <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input checked="" type="checkbox"/> <b>1DAYDIG2</b>	Tachograph - Continental VDO 4.0
<input checked="" type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input 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>AF-R</b>	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> <b>HWSS-AC</b>	Adaptive cruise control with forward collision warning
<input checked="" type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator	<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>EST-AID</b>	Engine starting aid -Preheating element in the air inlet manifold	<input type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater	<input type="checkbox"/> <b>LSS-DW</b>	Lane departure-warning system
<input type="checkbox"/> <b>PTER-100</b>	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange	<input type="checkbox"/> <b>LCS</b>	Lane change support
<input type="checkbox"/> <b>PTER-DIN</b>	Engine power-take-off - Rear-mounted 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>DAS-W</b>	Driver Alert Support system
<input type="checkbox"/> <b>PTER1400</b>	Engine power-take-off - Rear-mounted with SAE 1410 flange	<input type="checkbox"/> <b>RSENS-W</b>	Rain sensing windscreen wipers
<input type="checkbox"/> <b>HPE-F101</b>	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>CU-ECC</b>	Cab Climate Unit - Electrically controlled air conditioning with sun sensor
<input type="checkbox"/> <b>HPE-F41</b>	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>CU-ECC2</b>	Cab Climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> <b>HPE-F51</b>	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>CU-MCC</b>	Cab Climate Unit - Manual air conditioning
<input type="checkbox"/> <b>HPE-F61</b>	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>IMMOBIL</b>	Thatcham H2 approved immobiliser
<input type="checkbox"/> <b>HPE-F81</b>	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ALARM-E</b>	Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer
<input type="checkbox"/> <b>HPE-T53</b>	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump	<input type="checkbox"/> <b>ALCOLOCK</b>	Alcolock
<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>BUPMON</b>	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.
<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)
<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>WLIFT-EB</b>	Electrical window lift
<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>WLIFT-ME</b>	Mechanical window lift
<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>ISUNS-BS</b>	Side sun visor - Driver & passenger side
<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed	<input checked="" type="checkbox"/> <b>ISUNS-DS</b>	Side sun visor - Driver-side
<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>ISUNF-B</b>	Interior front sun visor without mirror
<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>ISUNF-MD</b>	Interior front sun visor with mirror on driver side
<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection	<input type="checkbox"/> <b>ISUNF-RE</b>	Electrically operated textile interior sun blind
<input type="checkbox"/> <b>PTR-FH</b>	Gearbox driven high speed PTO with SAE drive flange	<input checked="" type="checkbox"/> <b>ISUNF-RM</b>	Manually operated textile interior sun blind
<input type="checkbox"/> <b>PTR-FL</b>	Gearbox driven low speed PTO with SAE drive flange	<input checked="" type="checkbox"/> <b>CSPU-S</b>	One open storage (behind push open lid) in upper part of dash panel center section
<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps	<input type="checkbox"/> <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
<input type="checkbox"/> <b>PTRD-D1</b>	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)	<input checked="" type="checkbox"/> <b>BUPALARM</b>	Reverse alarm
<input type="checkbox"/> <b>PTRD-D2</b>	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)	<input type="checkbox"/> <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox		
<input type="checkbox"/> <b>HPG-F101</b>	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump		

■ Standard Equipment

Optional Equipment

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- LOADIND** Load indicator with central dashboard display
- REMC-MF** Multi-functio wireless remote control
- FIREXT3S** Fire extinguisher - 3kg mounted on the seat base
- WARNVEST** High visibility warning vest - no sleeves
- AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- AIDKIT1B** First aid kit - Legal demand for trucks transiting Germany
- WARNLAMP** Portable warning lamp
- LAMP-IN** Inspection lamp
- BULBKIT** Bulb and fuse kit
- WRITEPAD** Writing pad
- DST-CF4** Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat
- DST-CF5** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat
- DST-CF6** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls - seatbelt mounted to the seat
- SBD-RED** Seat belt colour - Red
- SBPRE-DS** Driver seat belt pretensioner
- PST-BAS1** Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab
- PST-BENC** Passenger seat - Two-person bench
- PST-CF4** Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat
- PST-CF5** Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat
- PST-STD2** Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted in cab
- PST-STD4** Passenger seat - Standard suspended with seatbelt mounted in cab
- SBPRE-PS** Passenger seat belt pretensioner
- ARM-DBPS** Armrests - Two on the driver and one - outer - on the passenger seat
- ARMRE-BB** Armrests - Two on both driver & passenger seats
- ARMRE-DB** Armrests - Two on the driver seat
- ARMRE-PB** Armrests - Two on the passenger seat
- ARMRE-PS** Armrest - Single on the passenger seat
- ARU-BAS** Armrest upholstery - Vinyl
- ARU-LEA** Armrest upholstery - Leather
- FMAT-RUB** Footwell floor mats - Rubber
- FMAT-TX2** Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
- LBK70** Lower bunk 700 x2000 mm, fixed
- MATL-FI** Firm lower bunk pocket sprung mattress
- MATL-SF** Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone
- OLMAT-BA** 35mm mattress overlay protector
- OLMAT-PR** 50mm premium mattress overlay protector
- TBK60F** Fixed foldable top bunk 600 x 1900mm
- TBK70F** Fixed foldable top bunk 700 x 1900mm
- PH-CAB2** 1.8kW Air to air night heater
- PH-ENGCA** Engine and cab night heater
- PH-SS** Short stop heater
- SLCP-BAS** Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
- ETSB-F** Storage on engine tunnel - Central document box with two rear cup holders
- ETSB-FR** Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
- ETSB-R** Storage on engine tunnel - Open storage pocket on cab rear wall
- RUS-BAS** Rear cab upper storage - 300 mm high
- RUS-HIG** Rear cab upper storage - 440 mm high - volume 245 litres
- REF-ICPK** Fridge: engine tunnel mounted preparation kit
- REFR-RUS** Fridge - 28 litre rear upper wall mounted with dividers
- MICRO-PK** Wiring preparation kit for microwave oven
- 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** Fixed tinted glass sky window with emergency exit
- RH-ER** Steel roof hatch - Electrically operated, rear opening with emergency exit
- RH-ETR** Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
- RH-MTR** Tinted glass roof hatch - Manually operated, rear opening with emergency exit
- GLAS-TIN** Tinted windows.
- SWIND-BS** Extra side window on both sides behind "B" pillar
- SWIND-PS** Cab side window - Left side rear behind 'B' post
- AWIND-RF** Rear window
- 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

- EXTL-BA2** Enhanced exterior finish - Satin Volvo badges, instep, bumper, and mirror housing in cab colour. Main grille in thunder grey. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
- EXTL-BAS** Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
- DGLAS-H** Tempered door glass
- DGLAS-L** Laminated door glass
- LOCK-CTL** Door locks - Central locking with key
- LOCK-REM** Door locks - Remote central locking
- 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
- CTLTLP-E** Electrically operated hydraulic cab tilt
- CTLTLP-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
- MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm.
- MIRCFCPX** Mirrors - Electrically heated and operated - FMX- main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm. To

■ 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

## NEW FM 11 8x2 Rigid - Pusher & Tag Tridem – contact sales engineering reference

- **MIRCOMF** increase direct vision to the side the main mirrors have no cowlings
- **MIRCOMFX** Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
- **MIRCOMFX** Electrically heated and operated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings
- **MIRSTD** Electrically heated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
- **MIRSTDX2** Electrically heated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings
- **AMIR-F20** Auxiliary front view mirror with a 200mm radius
- **SUNV-H** External smoke grey sunvisor
- **AD-ROOF** Roof air deflector
- **AD-SIDES** Short cab side air deflector for rigid bodywork
- **HL-BASIC** Halogen H7 head lamps
- **HL-CLEAN** Head lamp cleaner - washer jets
- **HLP-ST** Headlamp protection
- **HL-ADJ** Headlight adjustment - Switch in cab
- **DRIVL2** Two spot lamps
- **UDRIVL** 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.
- **BEACOA2F** Roof beacons - Two front roof mounted amber LED
- **BEACOA2R** Roof beacons - Two rear roof mounted amber LED
- **BEACON-P** Roof beacons - wiring preparation only
- **BEACONA4** Roof beacons - Four amber LED - two front/ two rear
- **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-GTR** "Globetrotter" headboard logo
- **HORN-F1S** Horn - Air single tone - chassis mounted
- **HORN-R2S** Horn - Air - Two roof-mounted
- **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
- **REFS-TW** White cab conspicuity markings by packed in cab
- **REFS-TY** Yellow cab conspicuity markings by packed in cab
- **SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
- **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** Working lamp back of cab - Preparation kit - cables and switch
- **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-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 - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
- **TD-BAS** Trailer detection WITHOUT LED sensing
- **TD-LED** Trailer detection with LED sensing
- **FRFS-B5** Frame rail free space on both sides to give space for crane legs or other equipment.
- **FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- **FBA-BTSF** 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
- **CRANEPK1** Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
- **CRANEPK2** Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
- **CRANEPK4** Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
- **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** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
- **FMS-PK** Fleet Management System gateway
- **DRUT2** Driver utility app - "My Truck" - two-year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription

### SUPERSTRUCTURE PREPARATIONS

- **SRWL-PK** Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
- **SWL-2FW** Chassis-mounted working lamps - Two white front-mounted LED lamps
- **SWL-2RW** Chassis-mounted working lamps - Two white rear-mounted LED lamps
- **SWL-4W** Chassis-mounted working lamps - Four white front and rear-mounted LED lamps



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