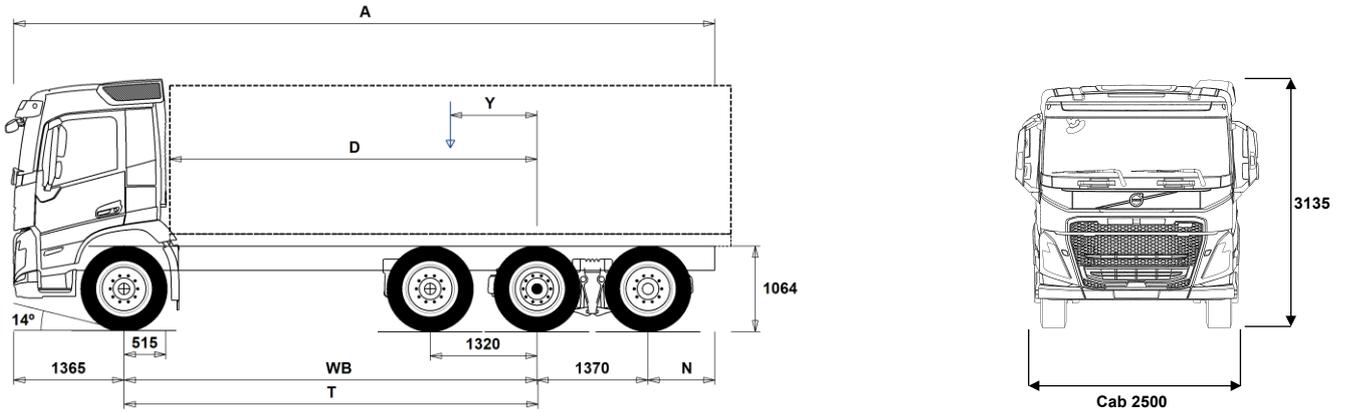


# MODEL RANGE

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



## Chassis Dimensions [mm]

WB Wheelbase	5100	5600
A Overall Chassis Length	10060	10460
D Center of rear axle to front of body	4535	5035
N Rear Overhang (Min.)	825	825
N Rear Overhang (Max.)	2225	2125
T Theoretical Wheelbase	5114	5614
Y Center of Gravity for Payload (Min.)	721	790
Y Center of Gravity for Payload (Max.)	721	790

## Chassis Weights [kg]

Front Axle	4615	4630
Rear Bogie	3850	3865
Kerb Weight	8465	8495
Payload (including body, driver, fuel, etc.)	23535	23505

## 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	35580	44000
Front Axle	8000	9000
Rear Bogie	24000	27000

## Important Notes

### Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.

Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 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-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 ± 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 attached to this quote
- CHH-MED** Chassis height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- 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-DAY6** Cab - Day - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP6** Cab - Globetrotter sleeper, with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY6** Cab - Low Day - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP6** Cab - Low sleeper, with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP6** Cab - Sleeper, with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro VI step E
- D11S330A** Engine - New D11K330 10.8 litre engine developing 330hp at 16-1900rpm. Peak torque 1600Nm at 950-1400rpm.
- D11S380A** Engine - New D11K380 10.8 litre engine developing 380hp at 17-1900rpm. Peak torque 1800Nm at 950-1400rpm.
- D11S430A** Engine - New D11K430 10.8 litre engine developing 430hp at 17-1800rpm. Peak torque 2050Nm at 1058-1400rpm.
- D11S460A** Engine - New D11K460 10.8 litre engine developing 460hp at 16-1800rpm. Peak torque 2200Nm at 1050-1400rpm.
- 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
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only. Refer to sales engineering when used in conjunction with a PTO
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne. 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

**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

- DRIV-EXT** Cab package - Drive Extended
- DRIV-SEL** Cab Package - Drive Select
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOHIGH** Media Information Platform - Medium level
- SAFE-SEL** Safety Package - Select
- 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
- F5M-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
- 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
- PSP-VAR2** Power steering pump - Variable displacement with electronic control
- EBS-MED** Brake package - EBS medium including "hill" hold function
- RST-AIR** Rear suspension type - Air
- 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

Standard Equipment       Optional Equipment

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

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<input type="checkbox"/> <b>FIL-TXEF</b>	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> <b>C-VBG795</b>	VBG 795V-3 coupling (centre axle trailer)
■ <b>BBOX-L</b>	Battery box position - Left hand side	<input type="checkbox"/> <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember
<input type="checkbox"/> <b>2BAT210B</b>	Battery Capacity - 2 x 210 Ah - Gel type	■ <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring
■ <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> <b>TREL14</b>	Single 14 pole electrical trailer connector
■ <b>BATTAMP</b>	Battery management - Voltage and current gauge	<input type="checkbox"/> <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> <b>BATTIND</b>	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> <b>TREL7</b>	7 pole - 24N trailer electrical suzie
<input type="checkbox"/> <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	<input type="checkbox"/> <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input type="checkbox"/> <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> <b>TBC-DUO</b>	Trailer brake connections - Duomatic type
■ <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> <b>TBC-EC</b>	Trailer brake connections - EC palm coupling connectors
■ <b>R330A71</b>	Right fuel tank - 330litre aluminium diameter 710mm Min volume 210l Max volume 810l	<input type="checkbox"/> <b>TRBR-STA</b>	Stationary trailer brake control
■ <b>UL-FUEL</b>	Left fuel tank - Without Min volume 160l Max volume 730l	<input type="checkbox"/> <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> <b>ADTP-L</b>	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> <b>RFEND-B</b>	Rear mud wings - Three piece EC approved and spray flaps
■ <b>ADTP-R</b>	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
<input type="checkbox"/> <b>ADB048</b>	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> <b>RFH-BAS</b>	Basic rear wing height
■ <b>ADB064</b>	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> <b>RFH-HIG</b>	High rear wing height - higher wing tops
<input type="checkbox"/> <b>ADB068</b>	Plastic AdBlue tank - 68 litre	<input type="checkbox"/> <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
<input type="checkbox"/> <b>ADB083</b>	Plastic AdBlue tank - 83 litre	<input type="checkbox"/> <b>ATANK-AL</b>	Air tanks - Aluminium
<input type="checkbox"/> <b>ADB090</b>	Plastic AdBlue tank - 90 litre	■ <b>ATANK-ST</b>	Air tanks - Steel
<input type="checkbox"/> <b>ADB112</b>	Plastic AdBlue tank - 112 litre	■ <b>TL-LED</b>	Rear lights - LED
<input type="checkbox"/> <b>ADTC-BF</b>	AdBlue tank cover with satin alloy look decorative cover	■ <b>BLIGHT-E</b>	Emergency brake light
■ <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking	<b>WHEELS &amp; TYRES</b>	
■ <b>FUFF-AS</b>	Fuel filler - Anti-spill device	<input type="checkbox"/> <b>RT-AL</b>	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> <b>FUFF-ATS</b>	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> <b>RT-ALDP</b>	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet	<input type="checkbox"/> <b>RT-ALDPD</b>	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
■ <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet	<input type="checkbox"/> <b>RT-ALDU</b>	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet	■ <b>RT-STEEL</b>	Wheels - Steel rims
<input type="checkbox"/> <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet	<input type="checkbox"/> <b>WCAP</b>	Aerodynamic hub caps
<input type="checkbox"/> <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished	<input type="checkbox"/> <b>SPWT-D</b>	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/> <b>EXST-ST</b>	Steel exhaust stack	<input type="checkbox"/> <b>SPWT-F</b>	Spare wheel & tyre with front tyre pattern
<input type="checkbox"/> <b>HS-NAR</b>	Narrow heat shield	<input type="checkbox"/> <b>SWCP-LF</b>	Spare wheel carrier on left side of chassis ahead of rear axle
<input type="checkbox"/> <b>WHC-FIX2</b>	Wheel chocks - Two fixed design	<input type="checkbox"/> <b>SWCP-R</b>	Rear mounted spare wheel carrier
<input type="checkbox"/> <b>WHC-FOL2</b>	Two foldable wheel chocks	<input type="checkbox"/> <b>SWCP-T</b>	Spare wheel supplied temporarily strapped to chassis
<input type="checkbox"/> <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle	<input type="checkbox"/> <b>SWCP-TP</b>	Temporary spare wheel carrier on top of chassis frame
<input type="checkbox"/> <b>WHCP-M</b>	Wheel chock carrier position - Middle part of the vehicle	<input type="checkbox"/> <b>JACK-12T</b>	12 tonne bottle jack
<input type="checkbox"/> <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> <b>JACK-15T</b>	15 tonne bottle jack
<input type="checkbox"/> <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker	<input type="checkbox"/> <b>JACK-20T</b>	20 tonne bottle jack
<input type="checkbox"/> <b>TB-R80</b>	Toolbox 800 mm, right side	■ <b>TOOL-BAS</b>	Toolkit - Basic
<input type="checkbox"/> <b>SUP-BAS</b>	Side guards - Check with bodybuilder chassis space requirements	<input type="checkbox"/> <b>TOOLKIT</b>	Toolkit - Complete
<input type="checkbox"/> <b>CHAIN-S</b>	Snow chains	<input type="checkbox"/> <b>INFLAHOS</b>	Tyre inflation hose
<input type="checkbox"/> <b>HOOK-SC</b>	Snow chain hooks	<input type="checkbox"/> <b>GAUGE-TP</b>	Tyre pressure gauge
■ <b>TOWF-NO1</b>	Front towing device - One detachable - stored in cab	<b>DRIVELINE EQUIPMENT</b>	
<input type="checkbox"/> <b>TOWF-NO2</b>	Front towing device - Two detachable - stored in cab	<input type="checkbox"/> <b>TRAP-HD</b>	Reinforced gearbox application
<input type="checkbox"/> <b>TOWMBRH</b>	Towing member, high mounted in centre of frame, D = 190	■ <b>DRM-BE</b>	Drive mode - Balanced & Economy
<input type="checkbox"/> <b>TOWMBRL1</b>	Towing member, low mounted under the frame	<input type="checkbox"/> <b>DRM-E</b>	Drive mode - Economy
<input type="checkbox"/> <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange	<input type="checkbox"/> <b>PVT-MAP</b>	I-See Predictive Cruise Control - using map-based topography information
■ <b>RFEC-S</b>	Rear frame profile - Straight cut	■ <b>PVT-MTM</b>	I-See Predictive Cruise Control - using map-based topography information with lower operating settings
<input type="checkbox"/> <b>RFEC-U</b>	Rear frame profile - Slight uppercut for tipppers	■ <b>CRUIS-E</b>	Cruise control - with I-roll and I-cruise, controls in steering wheel
<input type="checkbox"/> <b>C-RI4040</b>	Towing coupling, Ringfeder 4040A	<input type="checkbox"/> <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
<input type="checkbox"/> <b>C-RI5050</b>	Towing coupling, Ringfeder 5050A	<input type="checkbox"/> <b>AVO-ENH</b>	I-Shift application software - Construction and off road applications
<input type="checkbox"/> <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes		
<input type="checkbox"/> <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer		

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<input type="checkbox"/> <b>APF-ENH</b>	I-shift enhanced PTO functions	<input type="checkbox"/> <b>PTRD-D2</b>	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
<input type="checkbox"/> <b>RET-TH</b>	Gearbox mounted retarder	<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<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-F101</b>	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
<input type="checkbox"/> <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	<input type="checkbox"/> <b>HPG-F41</b>	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> <b>2COM1100</b>	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> <b>HPG-F51</b>	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
<input checked="" type="checkbox"/> <b>2COMP870</b>	Air compressor - Two-cylinder 870 litres per minute	<input type="checkbox"/> <b>HPG-F61</b>	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> <b>2COMP900</b>	Air compressor - Two-cylinder 900 litres per minute	<input type="checkbox"/> <b>HPG-F81</b>	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
<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>	Steering wheel - Leather
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input type="checkbox"/> <b>STGW-AD2</b>	Steering wheel adjustment - Neck tilt, column height and angle
<input type="checkbox"/> <b>ACL1ST-S</b>	Air filter - two-stage element	<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Steering wheel adjustment - Column height and angle
<input checked="" type="checkbox"/> <b>24A110BL</b>	Alternator capacity - 110 amp	<input checked="" type="checkbox"/> <b>AIRBAG</b>	Driver air bag
<input type="checkbox"/> <b>24A150BL</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>24A180BL</b>	Alternator capacity - 180 amp	<input checked="" type="checkbox"/> <b>1DAYDIG4</b>	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input type="checkbox"/> <b>24AL110B</b>	Alternator capacity - 110 amp	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input type="checkbox"/> <b>24AL150B</b>	Alternator capacity - 150 amp	<input type="checkbox"/> <b>ESP-BAS1</b>	Electronic Stability Control ESC
<input type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input type="checkbox"/> <b>ESPC-RO</b>	Additional ESC functions - Reduced / Off
<input checked="" type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input type="checkbox"/> <b>HWSS-AC</b>	Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input type="checkbox"/> <b>HWSS-ACB</b>	Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
<input type="checkbox"/> <b>PRIM-MAN</b>	Manual priming pump	<input checked="" type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> <b>AF-R</b>	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> <b>LSS-DW</b>	Lane departure warning system
<input checked="" type="checkbox"/> <b>FUEFE2LW</b>	Large engine mounted dual fuel filter with water separator	<input type="checkbox"/> <b>LSS-DW3</b>	Lane departure warning system with pilot assist
<input type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> <b>LCS4</b>	Side Collision Avoidance Support - passenger and driver side
<input type="checkbox"/> <b>EST-AID</b>	Engine starting aid -Preheating element in the air inlet manifold	<input checked="" type="checkbox"/> <b>DAS-W</b>	Driver Alert Support system
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater	<input type="checkbox"/> <b>RSENS-W</b>	Rain sensing windscreen wipers
<input type="checkbox"/> <b>PTER-100</b>	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange	<input checked="" type="checkbox"/> <b>CU-ECC</b>	Cab climate Unit - Electrically controlled air conditioning with sun sensor
<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>CU-ECC2</b>	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> <b>PTER1400</b>	Engine power-take-off - Rear-mounted with SAE 1410 flange	<input checked="" type="checkbox"/> <b>IMMOBIL</b>	Immobiliser
<input type="checkbox"/> <b>HPE-F101</b>	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ALARM-E</b>	Vehicle alarm - Cab plus external sensor for body/trailer
<input type="checkbox"/> <b>HPE-F41</b>	Parker F1-41, engine mounted, fixed 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-F51</b>	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side
<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>ISUNS-DS</b>	Side sun visor - Driver-side
<input type="checkbox"/> <b>HPE-F81</b>	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ISUNF-B</b>	Interior front sun visor without mirror
<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>ISUNF-MD</b>	Interior front sun visor with mirror on driver side
<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>ISUNF-RE</b>	Electrically operated textile interior sun blind
<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>ISUNF-RM</b>	Manually operated textile interior sun blind
<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	<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>PTPT-D</b>	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)	<input checked="" type="checkbox"/> <b>BUPALARM</b>	Reverse alarm
<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>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed	<input type="checkbox"/> <b>LOADIND</b>	Load indicator with central dashboard display
<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>REMC-MF</b>	Multi-functio wireless remote control
<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base
<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection	<input type="checkbox"/> <b>WARNVEST</b>	High visibility warning vest - No sleeves
<input type="checkbox"/> <b>PTR-FH</b>	Gearbox driven high speed PTO with SAE drive flange		
<input type="checkbox"/> <b>PTR-FL</b>	Gearbox driven low speed PTO with SAE drive flange		
<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps		
<input type="checkbox"/> <b>PTRD-D1</b>	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)		

■ Standard Equipment

Optional Equipment

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# MODEL RANGE

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

<input type="checkbox"/> <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input checked="" type="checkbox"/> <b>INLI-BAS</b>	Interior light - White LEDs
<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> <b>INLI-NL</b>	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> <b>WARNLAMP</b>	Portable warning lamp	<input type="checkbox"/> <b>INLI-NLD</b>	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> <b>LAMP-IN</b>	Inspection lamp	<input type="checkbox"/> <b>ARL-FLEX</b>	Flexible reading lamps - Two "snake" type
<input type="checkbox"/> <b>BULBKIT</b>	Bulb and fuse kit	<input checked="" type="checkbox"/> <b>RH-EE</b>	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> <b>WRITEPAD</b>	Writing pad	<input type="checkbox"/> <b>RH-ER</b>	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input checked="" type="checkbox"/> <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> <b>RH-ETR</b>	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> <b>DST-CF5</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> <b>RH-MTR</b>	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> <b>DST-CF6</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input checked="" type="checkbox"/> <b>GLAS-TIN</b>	Cab windows - Tinted
<input type="checkbox"/> <b>SBD-RED</b>	Seat belt colour - Red	<input type="checkbox"/> <b>SWIND-BS</b>	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> <b>SBPRE-DS</b>	Driver seat belt pretensioner	<input type="checkbox"/> <b>SWIND-PS</b>	Cab side window - Left side behind 'B' post
<input checked="" type="checkbox"/> <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>AWIND-RF</b>	Rear window
<input type="checkbox"/> <b>PST-CF4</b>	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> <b>VANMIR</b>	Vanity mirror - In front shelf
<input type="checkbox"/> <b>PST-CF5</b>	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> <b>AS-FUS</b>	Extra shelf in front compartments
<input type="checkbox"/> <b>PST-STD2</b>	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>INFOT-PK</b>	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input type="checkbox"/> <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post		
<input type="checkbox"/> <b>SBPRE-PS</b>	Passenger seat belt pretensioner		
<input type="checkbox"/> <b>ARMRE-BB</b>	Armrests - Two on both driver & passenger seats		
<input type="checkbox"/> <b>ARMRE-DB</b>	Armrests - Two on the driver seat		
<input type="checkbox"/> <b>ARMRE-PB</b>	Armrests - Two on the passenger seat		
<input type="checkbox"/> <b>ARU-BAS</b>	Armrest upholstery - Vinyl		
<input type="checkbox"/> <b>ARU-LEA</b>	Armrest upholstery - Leather		
<input checked="" type="checkbox"/> <b>FMAT-RUB</b>	Footwell floor mats - Rubber		
<input type="checkbox"/> <b>FMAT-TX2</b>	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab		
<input type="checkbox"/> <b>LBK70</b>	Lower bunk - Fixed 700 x 2000 mm		
<input type="checkbox"/> <b>MATL-FI</b>	Lower mattress - Firm pocket sprung		
<input type="checkbox"/> <b>MATL-SF</b>	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone		
<input type="checkbox"/> <b>OLMAT-BA</b>	Mattress overlay protector - 35mm thick		
<input type="checkbox"/> <b>OLMAT-PR</b>	Mattress overlay protector - Premium 50mm thick		
<input type="checkbox"/> <b>TBK60F</b>	Top bunk - Fixed foldable 600 x 1900mm		
<input type="checkbox"/> <b>TBK70F</b>	Top bunk - Fixed foldable 700 x 1900mm		
<input type="checkbox"/> <b>PH-CAB2</b>	Cab parking heater -1.8kW Air to air		
<input type="checkbox"/> <b>PH-ENGCA</b>	Cab parking heater - Engine and cab		
<input type="checkbox"/> <b>PH-SS</b>	Cab parking heater - Short stop		
<input type="checkbox"/> <b>SLCP-BAS</b>	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock		
<input type="checkbox"/> <b>ETSB-F</b>	Storage on engine tunnel - Central document box with two rear cup holders		
<input type="checkbox"/> <b>ETSB-FR</b>	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall		
<input type="checkbox"/> <b>ETSB-R</b>	Storage on engine tunnel - Open storage pocket on cab rear wall		
<input type="checkbox"/> <b>RUS-BAS</b>	Rear cab upper storage - 300 mm high		
<input type="checkbox"/> <b>RUS-HIG</b>	Rear cab upper storage - 440 mm high - volume 245 litres		
<input type="checkbox"/> <b>REF-ICPK</b>	Fridge - Engine tunnel mounted preparation kit		
<input type="checkbox"/> <b>REFR-RUS</b>	Fridge - 28 litre rear upper wall mounted with dividers		
<input type="checkbox"/> <b>MICRO-PK</b>	Microwave equipment - Wiring preparation kit for oven		
<input type="checkbox"/> <b>BOTH-D</b>	Bottle holder - One under dashboard centre section		
<input type="checkbox"/> <b>COFMA-PK</b>	Coffee maker - Preparation kit.		

Standard Equipment       Optional Equipment

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### CAB EXTERIOR

<input type="checkbox"/> <b>EXTL-BA2</b>	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.
<input checked="" type="checkbox"/> <b>EXTL-BAS</b>	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input checked="" type="checkbox"/> <b>DGLAS-H</b>	Door glass - Hardened
<input type="checkbox"/> <b>DGLAS-L</b>	Door glass - Laminated
<input checked="" type="checkbox"/> <b>BUMP-B</b>	Front bumper - Plastic
<input type="checkbox"/> <b>BUMP-B2</b>	Front bumper - Steel
<input type="checkbox"/> <b>BUMP-SP</b>	Front bumper spoiler
<input type="checkbox"/> <b>GUARD-EH</b>	Sump and radiator guard - to protect engine and hoses
<input checked="" type="checkbox"/> <b>BUGNET</b>	Radiator insect screen
<input type="checkbox"/> <b>CTILT-P-E</b>	Electrically operated hydraulic cab tilt
<input checked="" type="checkbox"/> <b>CTILT-P-M</b>	Manually operated hydraulic cab tilt
<input checked="" type="checkbox"/> <b>FCABS-A</b>	Front cab suspension - Air
<input checked="" type="checkbox"/> <b>FCABS-M</b>	Front cab suspension - Mechanical spring
<input type="checkbox"/> <b>RCABS-A</b>	Rear cab suspension - Air
<input checked="" type="checkbox"/> <b>RCABS-M</b>	Rear cab suspension - Mechanical spring
<input type="checkbox"/> <b>MIRCFPCS</b>	Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
<input type="checkbox"/> <b>MIRCFCPX</b>	Mirrors - Electrically heated and operated FMX main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings
<input type="checkbox"/> <b>MIRCMCP</b>	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.
<input type="checkbox"/> <b>MIRCMS</b>	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
<input checked="" type="checkbox"/> <b>MIRCOMF</b>	Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
<input type="checkbox"/> <b>MIRCOMFX</b>	Mirrors - Electrically heated and operated FMX main and wide angle and manually adjusted passenger kerb and front mirror. To increase direct vision to the side the main mirrors have no cowlings
<input checked="" type="checkbox"/> <b>AMIR-F20</b>	Auxiliary front view mirror with a 200mm radius
<input type="checkbox"/> <b>SUNV-H</b>	External smoke grey sunvisor
<input type="checkbox"/> <b>AD-ROOF</b>	Cab roof deflector - Adjustable

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- AD-SIDES** Cab side deflector - Short extension panels
  - HL-LED** Headlights - LED
  - HL-CLEAN** Headlight cleaner - Washer jets
  - HLP-ST** Headlight protection
  - DRIVL2** Two spot lamps
  - UDRIVL** Auxiliary driving lights - Without
  - FOGL-WC** Front fog lights
  - CL-STAT** Static corner lights
  - ASL-RF2** Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box
  - BEACOA2F** Roof beacons - Two front roof mounted amber LED
  - BEACOA2R** Roof beacons - Two rear roof mounted amber LED
  - BEACON-P** Roof beacons - switch and 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** Cab sign logo - FH "Globetrotter" or FH16 "Power"
  - 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. Only Globetrotter cabs brings in extra DIN slots.
  - 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
- 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
  - SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
  - WLC-H2A** Working lamp back of cab - Two amber LED high mounted
  - WLC-H2W** Working lamp back of cab - Two white LED high mounted at the back of cab
  - WLC-PKCH** 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** Bodybuilder module - High level body electrical centre in dash input/output module
  - ECBB-MED** Bodybuilder module - Medium level body electrical centre in dash input/output module
  - BBCHAS1** One 7-pole connector for Body builder interface
  - BBCHAS3** Three 7-pole connectors for Body builder interface

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- 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 - both sides to give space for crane legs or other equipment.
- FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- FBA-BTSP** 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 - Required for aftermarket telematics
- DRUT1** Driver utility app - "My Truck" - 1 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- DRUT2** Driver utility app - "My Truck" - 2 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- DRUT3** Driver utility app - "My Truck" - 3 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- DRUT4** Driver utility app - "My Truck" - 4 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- DRUT5** Driver utility app - "My Truck" - 5 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription

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Volvo Trucks. Driving Progress