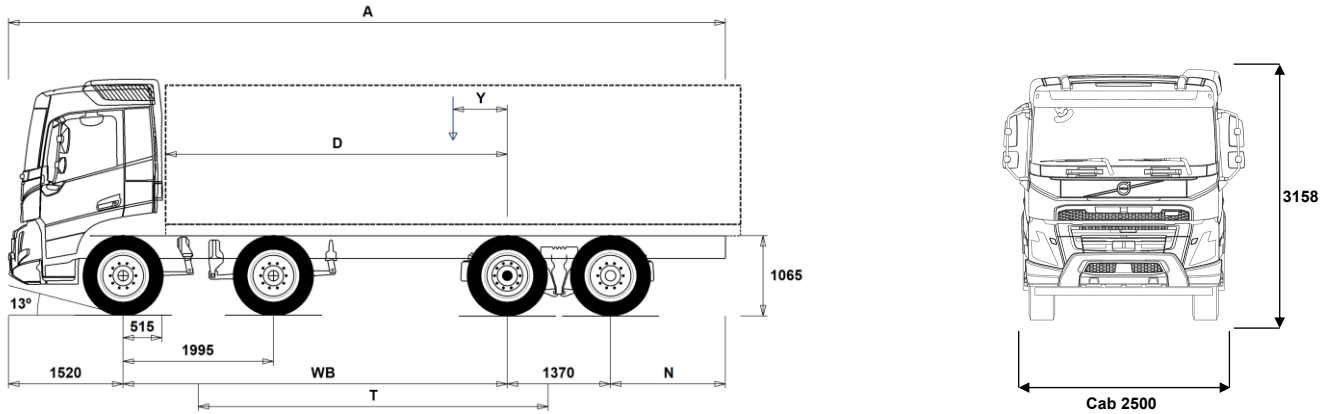


MODEL RANGE

FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A



Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000
A Overall Chassis Length	10815	11565	12215
D Center of rear axle to front of body	4535	5035	5435
N Rear Overhang (Min.)	825	1225	1225
N Rear Overhang (Max.)	2825	3075	3325
T Theoretical Wheelbase	4643	5143	5543
Y Center of Gravity for Payload (Min.)	700	853	976
Y Center of Gravity for Payload (Max.)	1306	1526	1703

Chassis Weights [kg]

Front Axles	6855	6780	6735
Rear Bogie	2150	2280	2385
Kerb Weight	9005	9060	9120
Payload (including body, driver, fuel, etc.)	22995	22940	22880

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20200	21800	23100
Turning Circle Diameter Wall to Wall	21600	23200	24500

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	35000
Gross Combination Weight	35580	44000
Front Axles	16000	16000
Rear Bogie	19000	19000

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 FMX82RF3A.

MODEL RANGE

FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth
- 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
- TA-HYSB2** Tag axle - Electro-hydraulically steered
- TAG-FIXD** Tag axle - Fixed with twin tyres on tag axle
- TAG-FIXS** Tag axle - Fixed with single tyres on tag axle
- RADT-GR** Rear air suspension, 2 axles - 1 driven/1 tag
- FMX-DAY6** Cab - Day - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FMX-HSL6** Cab - Globetrotter - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FMX-LDA6** Cab - Low Day - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
- FMX-LSL6** Cab - Low Sleeper - all-steel safety cage design. Built to Swedish impact and ECE R29 regulations
- FMX-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
- D13S420A** Engine - New D13K420 12.8 litre developing 420hp at 14-1800rpm. Peak torque 2100Nm at 860 -1400rpm.
- D13S460A** Engine - New D13K460 12.8 litre developing 460hp at 14-1800rpm. Peak torque 2300Nm at 900-1400rpm.
- D13S500A** Engine - New D13K500 12.8 litre developing 500hp at 14-1800rpm. Peak torque 2500Nm at 1000-1400rpm.
- D13S540A** Engine - New D13K540 12.8 litre developing 540hp at 14-1800rpm. Peak torque 2600Nm at 1000-1450rpm.
- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- D13K540** D13K540 - 540hp engine
- EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- 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
- AT2812** Gearbox - AT2812 12-speed I-Shift automated mechanical suitable for gross train weights up to 60 tonne. 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
- ATO3112** Gearbox - ATO3112 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

- PT2606** Gearbox - Powertronic automatic 6-speed, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- SPO2812** Gearbox - SPO2812 - 12-speed I-shift Dual Clutch automated mechanical GCW 60tonne
- ASO-C** Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1 Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1
- ASO-ULC** Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1
- RSH1370F** Drive axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- RSS1370B** Drive axle - RSS1370B single reduction 13 tonne with differential lock - design GCW 70 tonne
- RSS1370C** Drive axle - RSS1370C single reduction 13 tonne with differential lock - design GCW 70 tonne

PACKAGES

- NCAP2024** Euro NCAP safety package - Advanced driver assist safety package with 5 star rating equivalence
- FP-D13** Fuel Package
- 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
- FST-PL1** Front suspension type - Lightweight 2 leaf parabolic springs - top leaf steel - lower composite
- FSLs-BAS** Front suspension levelling - basic stroke
- FAL16.0** Front axle design capacity - 16 tonnes - 2 x 8 tonne front axles
- FAL18.0** Front axle design capacity - 18 tonnes - 2 x 9 tonne front axles - check tyre load index
- FAL20.0** Front axle design capacity - 20 tonnes - 2 x 10 tonne front axles - check tyre load index
- 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
- RAL19** Rear bogie design capacity - 19 tonne
- RAL20.5** Rear bogie design capacity - 20.5 tonne
- RAL21** Rear bogie design capacity - 21 tonne
- RAL22.5** Rear bogie design capacity - 22.5 tonne
- RAL23** Rear bogie design capacity - 23 tonne
- RSTAB2** Rear anti-roll bar - Medium stiffness
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM115** Rear-axle load limiter -11.5 tonne - speed controlled
- RALIM95** Rear-axle load limiter - 9.5 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

- Standard Equipment
- Optional Equipment

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

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MODEL RANGE

FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A

<input checked="" type="checkbox"/> PSS-DUAL	Power steering system - Dual	<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side
<input type="checkbox"/> AUXPSP	Extra power steering pump driven by the engine PTO (PTER-DIN) so an adapter is required to drive any other equipment.	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input checked="" type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> CHAIN-S	Snow chains
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input checked="" type="checkbox"/> TOWF-HD1	Front towing device - One heavy-duty front towing device
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input checked="" type="checkbox"/> SUSPL-EC	Remote electronic control on wander-lead for air suspension levelling	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input checked="" type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> FIL-EEEE	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input checked="" type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tippers
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<input type="checkbox"/> ADR2	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"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> UR-FUEL	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ADTP-LF	AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> FFEND-B	Standard mounted mud wings on second front axle
<input type="checkbox"/> ADB032	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> FFEND-T	Transport mounted mud wings on second front axle
<input type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover	<input type="checkbox"/> RFH-BAS	Basic rear wing height
<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
<input checked="" type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet	<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input checked="" type="checkbox"/> BLIGHT-E	Emergency brake light
<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet	WHEELS & TYRES	
<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished	<input type="checkbox"/> RT-AL	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> EXST-ST	Steel exhaust stack	<input type="checkbox"/> RT-AL1	Wheels - Howmet Alcoa brushed aluminium rims LVL one - standard holes for long stud fixing
<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design	<input type="checkbox"/> RT-AL1DU	Wheels - Howmet Alcoa brushed aluminium rims LVL one - countersunk holes for short stud fixing
<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks	<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle	<input type="checkbox"/> RT-ALDPD	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> RT-ALDU	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker	<input checked="" type="checkbox"/> RT-STEEL	Wheels - Steel rims
<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side	<input type="checkbox"/> WCAP	Aerodynamic hub caps
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/> Optional Equipment		<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern
		<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
		<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis
		<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame
		<input type="checkbox"/> JACK-12T	12 tonne bottle jack
		<input type="checkbox"/> JACK-15T	15 tonne bottle jack

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MODEL RANGE

FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A

<input type="checkbox"/> JACK-20T	20 tonne bottle jack	<input type="checkbox"/> HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic	<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> TOOLKIT	Toolkit - Complete	<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> INFLAHOS	Tyre inflation hose	<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
DRIVELINE EQUIPMENT		<input type="checkbox"/> HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> TRAP-HD	Reinforced gearbox application	<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> DRM-BE	Drive mode - Balanced & Economy	<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> DRM-E	Drive mode - Economy	<input type="checkbox"/> PTPT-D	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
<input type="checkbox"/> PVT-MAP	I-See Predictive Cruise Control - using map-based topography information	<input type="checkbox"/> PTPT-F	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
<input checked="" type="checkbox"/> PVT-MTM	I-See Predictive Cruise Control - using map-based topography information with lower operating settings	<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
<input checked="" type="checkbox"/> CRUIS-E	Cruise control - with I-roll and I-cruise, controls in steering wheel	<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> CRUIS-E5	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	<input type="checkbox"/> PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> AMSO-AUT	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> PTR-F	Gearbox driven PTO with rear flange connection
<input type="checkbox"/> AVO-ENH	I-Shift application software - Construction and off road applications	<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> CD43-O	Clutch - 430mm twin plate	<input type="checkbox"/> HPG-F101	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
<input type="checkbox"/> RET-TPT	Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/> HPG-F41	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-HWO	Transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F51	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> HPG-F61	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F81	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
<input type="checkbox"/> 2COMP870	Air compressor - Two-cylinder 870 litres per minute	<input type="checkbox"/> STWM-LE	Steering wheel - Leather
<input checked="" type="checkbox"/> 2COMP900	Air compressor - Two-cylinder 900 litres per minute	<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle
<input checked="" type="checkbox"/> AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	<input checked="" type="checkbox"/> AIRBAG	Driver air bag
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> ACL1ST-S	Air filter - two-stage element	<input checked="" type="checkbox"/> 1DAYDIG4	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input checked="" type="checkbox"/> 24A110BL	Alternator capacity - 110 amp	<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard
<input type="checkbox"/> 24A150BL	Alternator capacity - 150 amp	<input type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC
<input type="checkbox"/> 24A180BL	Alternator capacity - 180 amp	<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off
<input type="checkbox"/> 24AL110B	Alternator capacity - 110 amp	<input type="checkbox"/> HWSS-ACB	Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system
<input type="checkbox"/> 24AL150B	Alternator capacity - 150 amp	<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBs advanced emergency brake system
<input type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input type="checkbox"/> LSS-DW	Lane departure warning system
<input checked="" type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets	<input type="checkbox"/> LSS-DW3	Lane departure warning system with pilot assist
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump	<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support - Passenger and driver side
<input type="checkbox"/> PRIM-MAN	Manual priming pump	<input type="checkbox"/> LCS5	Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side
<input type="checkbox"/> FUEQ-EH	Fuel line electric heater	<input checked="" type="checkbox"/> DAS-W	Driver Alert Support system
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers
<input checked="" type="checkbox"/> FUEFE2LW	Large engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> CU-ECC	Cab climate Unit - Electrically controlled air conditioning with sun sensor
<input type="checkbox"/> FUEFE2SW	Small engine mounted dual fuel filter with water separator		
<input type="checkbox"/> EST-AID	Engine starting aid -Preheating element in the air inlet manifold		
<input type="checkbox"/> 220EBH15	220V/1.5Kw electric engine block heater		
<input type="checkbox"/> PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange		
<input type="checkbox"/> PTER-DIN	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"/> PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange		
<input type="checkbox"/> HPE-F101	Parker F1-101,engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		

Standard Equipment

Optional Equipment

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FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A

<input type="checkbox"/> CU-ECC2	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor	<input type="checkbox"/> LBK70	Lower bunk - Fixed 700 x 2000 mm
<input checked="" type="checkbox"/> IGT-BUT	Vehicle starting - Push-button	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input checked="" type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> TBK70F	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> PH-CAB2	Cab parking heater - 1.8kW Air to air
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> PH-SS	Cab parking heater - Short stop
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> ETSB-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> ETSB-R	Storage on engine tunnel - Open storage pocket on cab rear wall
<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input type="checkbox"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> REF-ICPK	Fridge - Engine tunnel mounted preparation kit
<input type="checkbox"/> WARNVEST	High visibility warning vest - No sleeves	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> MICRO-PK	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> BOTH-D	Bottle holder - One under dashboard centre section
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> COFMA-PK	Coffee maker - Preparation kit.
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input checked="" type="checkbox"/> INLI-BAS	Interior light - White LEDs
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> INLI-NL	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> ARL-FLEX	Flexible reading lamps - Two "snake" type
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input checked="" type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> DST-LUX1	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt	<input type="checkbox"/> RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input checked="" type="checkbox"/> GLAS-TIN	Cab windows - Tinted
<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> SWIND-BS	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> SWIND-PS	Cab side window - Left side behind 'B' post
<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> AWIND-RF	Rear window
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> VANMIR	Vanity mirror - In front shelf
<input type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> AS-FUS	Extra shelf in front compartments
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> INFOT-PK	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats	CAB EXTERIOR	
<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat	<input checked="" type="checkbox"/> EXTL-BAS	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat	<input type="checkbox"/> DGLAS-H	Door glass - Hardened
<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl	<input type="checkbox"/> DGLAS-L	Door glass - Laminated
<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather	<input checked="" type="checkbox"/> BUMP-HD	Front bumper - Heavy duty
<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber	<input type="checkbox"/> GUARD-EH	Sump and radiator guard - to protect engine and hoses
<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab	<input checked="" type="checkbox"/> BUGNET	Radiator insect screen
		<input type="checkbox"/> CTILT-P-E	Electrically operated hydraulic cab tilt
		<input checked="" type="checkbox"/> CTILT-P-M	Manually operated hydraulic cab tilt
		<input checked="" type="checkbox"/> FCABS-A	Front cab suspension - Air
		<input checked="" type="checkbox"/> FCABS-M	Front cab suspension - Mechanical spring
		<input type="checkbox"/> RCABS-A	Rear cab suspension - Air

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).

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MODEL RANGE

FMX 13 8x2 Tag Rigid - Rear Air Suspension FMX 82RF 3A

<ul style="list-style-type: none"> ■ RCABS-M Rear cab suspension - Mechanical spring □ MIRCFCPX 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 □ MIRCMCP 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. □ MIRCMS Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror ■ MIRCOMFX 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 ■ AMIR-F20 Auxiliary front view mirror with a 200mm radius □ SUNV-H External smoke grey sunvisor □ AD-ROOF Cab roof deflector - Adjustable □ AD-SIDES Cab side deflector - Short extension panels ■ HL-LED Headlights - LED □ HL-LED3 Headlights - LED Adaptive high beam □ HBDA-A Headlight main beam switching - Automatic ■ HL-CLEAN Headlight cleaner - Washer jets □ HLP-ST Headlight protection ■ UDRIVL Auxiliary driving lights - Without □ 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-FMX Cab sign logo - "Volvo FMX" ■ 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. □ ACCBP-AP Front, middle & rear roof mounted accessory brackets □ ACCBP-F Front roof mounted accessory bracket □ ACCBP-FM Front & middle roof mounted accessory brackets □ ACCBP-FR Front & rear roof mounted accessory brackets □ ACCBP-M Middle roof mounted accessory bracket □ ACCBP-R Rear roof mounted accessory bracket □ ACCBP-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 	<ul style="list-style-type: none"> □ 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 □ 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-LED Trailer detection with LED sensing □ FRFS-BS 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-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)
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DELIVERY SERVICES

<ul style="list-style-type: none"> ■ 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

SUPERSTRUCTURE PREPARATIONS

<ul style="list-style-type: none"> □ 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

■ Standard Equipment □ Optional Equipment

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- **DRUT5** Driver utility app - "My Truck" - 5 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription