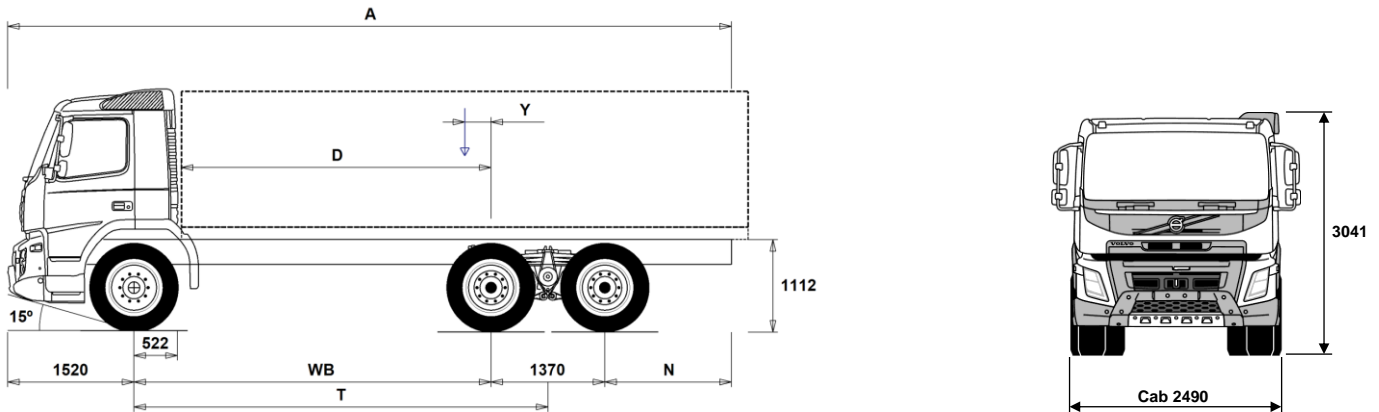


MODEL RANGE



Volvo Trucks. Driving Progress

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	8165	8615	8915	9565	10015	10465	10965	11565
D Center of rear axle to front of body	2828	3128	3328	3728	4028	4328	4628	5028
N Rear Overhang (Min.)	1225	1225	1225	1225	1225	1225	1225	1225
N Rear Overhang (Max.)	1875	2025	2125	2375	2525	2675	2875	3075
T Theoretical Wheelbase	4085	4385	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-156	-120	-96	-47	-12	22	59	104
Y Center of Gravity for Payload (Max.)	72	126	162	234	287	339	394	463

Chassis Weights [kg]

Front Axle	4685	4700	4710	4730	4745	4765	4770	4795
Rear Bogie	3450	3475	3485	3530	3555	3600	3625	3665
Kerb Weight	8135	8175	8195	8260	8300	8365	8395	8460
Payload (including body, driver, fuel, etc.)	17865	17825	17805	17740	17700	17635	17605	17540

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14500	15500	16100	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	16000	16900	17500	18800	19700	20600	21500	22800

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	26000	29000
Gross Combination Weight	44000	44000
Front Axle	8000	8000
Rear Bogie	19000	21000

Important Notes

Chassis Dimensions

Cab Height: +416 mm for CAB-HSLP.

Front Axle to Back of Cab: +424 mm for CAB-HSLP and CAB-SLP.

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.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5
Drive 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.

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 FM64R3HBX.

MODEL RANGE

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX

TRUCK USE

- PTO-HT16** High torque power take-off up to 1600Nm
- PTO-HT20** High torque power take-off up to 2000Nm
- RC-ROUGH** Operating class on/off road
- GARB-PRE** Garbage preparation
- TIPP-PRE** Tipper vehicle preparation
- UNIFORM** Basic platform vehicle

CORE COMPONENTS

- CHH-HIGH** Chassis height standard - For a specific loading height always check the unique BEP chassis drawing
- RADD-BR** B-ride rear three spring bogie suspension
- FMX-DAY** Day cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FMX-HSLP** Globetrotter cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FMX-SLP** Sleeper cab - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro 6
- D13K420** D13K420 12.8l engine developing 420hp at 14-1800rpm.
Peak torque 2100Nm at 860 -1400rpm.
- D13K460** D13K460 12.8l engine developing 460hp at 14-1800rpm.
Peak torque 2300Nm at 900-1400rpm.
- D13K500** D13K500 12.8l engine developing 500hp at 14-1800rpm.
Peak torque 2500Nm at 1000-1400rpm.
- D13K540** D13K540 12.8l engine developing 540hp at 14-1800rpm.
Peak torque 2600Nm at 1000-1450rpm.
- EBR-EPG** Exhaust brake controlled by steering column switch
- EBR-EPGC** Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Volvo engine brake + and exhaust pressure governor,
enhanced performance from additional exhaust rocker control.
Retardation 375kW
- AT2612F** AT2612F 12-speed "I-shift" automated mechanical gearbox
suitable for gross train weights up to 60tonne only
refer to sales engineering when used in conjunction with a PTO
- ATO2612F** ATO2612F 12-speed "I-shift" overdrive automated mechanical
gearbox
suitable for gross train weights up to 60tonne
refer to sales engineering when used in conjunction with a PTO
- PT2606** Powertronic automatic 6-speed gearbox, max. engine torque
2600 Nm, max. permitted GCW 130000 kg
- SPO2812** SPO2812 - 12 speed I-shift Dual Clutch automated mechanical
gearbox GCW 60tonne
- RTH2610F** RTH2610F hub reduction tandem 26tonne drive axles, GCW
100 tonnes with differential and cross locks*
* Cross locks replaced by a dog clutch if tandem axle lift is
specified
- RTS2370A** RTS2370A single reduction tandem 23tonne drive axles with
differential and cross locks* - design GCW 70tonnes.
* Cross locks replaced by a dog clutch if tandem axle lift is
specified

PACKAGES

- DRIVEFM** Driving package
- DRIVEFM+** Driving plus package
- BEDFM** One bed resting package
- AUDHIG** High Power Audio system: RDS radio with CD player - also
playing MP3/WMA files from CD -, with integrated bluetooth
phone and USB/Line inputs. FM/AM antenna, speakers in
dashboard, doors, and sleeping compartment.
- MEDIA** AM/FM Bluetooth radio without CD player.
USB and Aux line inputs.
Speakers in dashboard, doors, and sleeping compartment.
7" touch screen with personal and apps.

- 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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The specification can vary from country to country.

- MEDIADF** AM/FM Bluetooth radio without CD player.
USB and Aux line inputs.
Speakers in dashboard, doors, and sleeping compartment.
7" touch screen with personal and professional apps.
Dynafleet vehicle on-board data display with office internet
support.
- MEDIANAV** AM/FM Bluetooth radio without CD player.
USB and Aux line inputs.
Speakers in dashboard, doors, and sleeping compartment.
7" touch screen with personal and professional apps.
Truck based satellite navigation (live updates not included)
- MEDIANDF** AM/FM Bluetooth radio without CD player.
USB and Aux line inputs.
Speakers in dashboard, doors, and sleeping compartment.
7" touch screen with personal and professional apps.
Truck based satellite navigation (live updates not included)
Dynafleet vehicle on-board data display with office internet
support.

- RCHAPAC1** Chassis Package Rigid

CHASSIS

- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FAL10.0** Front axle design capacity 10 tonnes - Ensure that you have
checked the tyre load index
- FAL7.1** Front axle design capacity 7.1 tonnes
- FAL7.5** Front axle design capacity 7.5 tonnes
- FAL8.0** Front axle design capacity 8.0 tonnes - Ensure that you have
checked the tyre load index
- FAL8.5** Front axle design capacity 8.5 tonnes
- FAL9.0** Front axle design capacity 9.0 tonnes - Ensure that you have
checked the tyre load index
- FSM-LUB** Lubricated rear shackles on front suspension pins and
bushings
- FSTAB** Front anti-roll bar
- FSTAB2** Front anti-roll bar medium stiffness
- FSTAB3** Front stiff anti-roll bar
- RAL21** Rear bogie design capacity 21 tonnes
- RSTAB1** Rear anti-roll bar
- ACTST-TO** Volvo Dynamic Steering (VDS) with with extra electronic pump
and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering only
- ASFE-PS** Active steering feature - Volvo Dynamic Steering with personal
settings
- PSS-SING** Single power steering system
- PSP-FIX** Power steering pump with fixed displacement
- PSP-VAR** Power steering pump with variable displacement
- EBS-MED** EBS medium package including "hill" hold function
- RST-PAR1** Rear Suspension, Parabolic springs
- ABS** Anti lock brakes
- FBREG-E** Front regulating brake valve, EBS
- FBREG-RP** Front regulating brake valve, reduced pressure/low pressure
range
- FRAME300** Frame rail section external height 300 mm
- FST7070** Frame thickness - web and flange 7.0mm
- FST8080** Frame thickness - web and flange 8.0mm
- FIL-EEEE** Inner liner from end of engine to end of bogie
- FIL-EEEF** Inner liner from end of engine to end of frame
- FIL-FBEB** Inner liner over rear bogie
- FIL-FBEF** Inner liner from front of bogie to end of frame
- FIL-TXEB** Inner liner from gearbox member to end of bogie
- FIL-TXEF** Inner liner from gearbox member to end of frame
- BBOX-L** Battery box located on left hand side
- BATS-D** Dual energy battery system - 2 living batteries and 2 starter

MODEL RANGE

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX

	batteries.				
<input type="checkbox"/>	2BAT210B	2 x 210 Ah capacity Gel batteries	<input type="checkbox"/>	TREL14	Single 14 pole electrical trailer connector
<input type="checkbox"/>	2BATT170	2 x 170 Ah capacity batteries	<input type="checkbox"/>	TREL15	Single 15 pole electrical trailer connector - ADR certified
<input type="checkbox"/>	2BATT225	2 x 225 Ah capacity batteries	<input type="checkbox"/>	TREL7	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/>	BATTAMP	Battery voltage and ampere gauge	<input type="checkbox"/>	TREL7-7	24N and 24S trailer electrical suzies
<input type="checkbox"/>	BATTIND	Battery charge indication	<input type="checkbox"/>	TBC-DUO	Duomatic type air line connectors
<input type="checkbox"/>	ADR2	ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted seperately)	<input type="checkbox"/>	TBC-EC	Palm coupling type air line connectors
<input type="checkbox"/>	MSWI-A	Main switch - ADR switch circuit shut down	<input type="checkbox"/>	TRBR-HCF	Full pressure hand controlled trailer brake
<input checked="" type="checkbox"/>	MSWI-C	Main switch - Chassis mounted toggle switch by battery box	<input type="checkbox"/>	TRBR-STA	Stationary trailer brake control
<input type="checkbox"/>	MSWI-R	Main switch - Key fob operated remote controlled	<input type="checkbox"/>	TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input checked="" type="checkbox"/>	R365A71	Right tank 365litre aluminium diameter 710mm Min volume 255l Max volume 885l	<input type="checkbox"/>	RUP-FOLD	Folding EC approved aluminium rear underrun
<input checked="" type="checkbox"/>	UL-FUEL	Without left fuel tank Min volume 160l Max volume 730l	<input type="checkbox"/>	RUP-FOSL	Folding & sliding EC approved aluminium rear underrun
<input type="checkbox"/>	ADTP-L	AdBlue tank on left hand side	<input type="checkbox"/>	RFEND-B	Three piece EC approved rear mud wings and spray flaps
<input checked="" type="checkbox"/>	ADTP-R	AdBlue tank on right hand side	<input type="checkbox"/>	RFEND-T	Rear mud wings, transport mounted
<input type="checkbox"/>	ADB048	AdBlue tank usable volume 48 litres	<input type="checkbox"/>	RFH-BAS	Basic rear wing height
<input checked="" type="checkbox"/>	ADB064	AdBlue tank usable volume 64 litres	<input type="checkbox"/>	RFH-HIG	High rear wing height - higher wing tops
<input type="checkbox"/>	ADB068	AdBlue tank usable volume 68 litres	<input type="checkbox"/>	RFH-LOW	Lower rear wing height - shallower wing tops
<input type="checkbox"/>	ADB090	AdBlue tank usable volume 90 litres	<input type="checkbox"/>	ATANK-AL	Aluminium air tanks
<input checked="" type="checkbox"/>	FCAP-L	Locking fuel filler cap	<input checked="" type="checkbox"/>	ATANK-ST	Steel air tanks
<input checked="" type="checkbox"/>	FUFF-AS	Fuel filling anti-spillage device	<input type="checkbox"/>	RESTS-W	White conspicuity markings on chassis - sideguards, toolbox and rear overhang
<input type="checkbox"/>	FUFF-ATS	Fuel filling anti-theft and anti-spillage devices	<input type="checkbox"/>	REST-RUP	
<input type="checkbox"/>	ESH-LEFT	Horizontal silencer, left exhaust outlet	<input checked="" type="checkbox"/>	TL-LED	LED Tail lights
<input checked="" type="checkbox"/>	ESH-REAR	Horizontal silencer, rear exhaust outlet	<input type="checkbox"/>	BLIGHT-E	Emergency brake light
<input type="checkbox"/>	ESH-RIGH	Horizontal silencer, right exhaust outlet	WHEELS & TYRES		
<input type="checkbox"/>	ESH-VERT	Horizontal silencer, vertical exhaust outlet	<input type="checkbox"/>	RT-AL	Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
<input type="checkbox"/>	EXST-SSP	Stainless steel exhaust stack - NOT polished	<input type="checkbox"/>	RT-ALDP	Alcoa Dura-Bright EVO aluminium rims with standard holes long stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
<input type="checkbox"/>	EXST-ST	Steel exhaust stack	<input type="checkbox"/>	RT-ALDPD	Alcoa Dura-Bright EVO aluminium rims with countersunk holes for short stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
<input type="checkbox"/>	HS-NAR	Narrow heat shield	<input type="checkbox"/>	RT-ALDU	Alcoa brushed aluminium rims with countersunk holes for short stud fixing on all axles
<input type="checkbox"/>	WHC-FIX2	Two fixed wheel chocks	<input type="checkbox"/>	RT-SPOKE	Spoke rims on all axles
<input type="checkbox"/>	WHC-FOL2	Two foldable wheel chocks	<input checked="" type="checkbox"/>	RT-STEEL	Steel rims on all axles
<input type="checkbox"/>	WHCP-F	Wheel chock(s) stored in the front part of the vehicle	<input type="checkbox"/>	WCAP	Aerodynamic hub caps
<input type="checkbox"/>	WHCP-M	Wheel chock(s) stored in the middle part of the vehicle	<input type="checkbox"/>	BRREC001	Bridgestone ECOPIA H - Energy rating C
<input type="checkbox"/>	WHCP-R	Wheel chock(s) stored in the rear part of the vehicle	<input type="checkbox"/>	COREC001	Continental ECOPLUS HS3 XL/HD3 - Energy rating B or C depending on size
<input type="checkbox"/>	WHCP-T	Transport mounted wheel chock(s) stored in cab outer luggage locker	<input type="checkbox"/>	COREC002	Continental ECOPLUS HS3/HD3 - Energy rating B or C depending on size
<input type="checkbox"/>	TB-L80	Toolbox 800 mm, left side	<input type="checkbox"/>	COREC003	Continental Efficient Pro S/D - Fuel Tyre Recommendation 3 Reduced mileage compared to Conti EcoPlus long haul pattern please consider when selecting these tyres.
<input type="checkbox"/>	TB-R80	Toolbox 800 mm, right side	<input type="checkbox"/>	GYREC001	Good Year FUELMAX S/H/L/D - Energy rating B or C depending on size
<input type="checkbox"/>	SUP-BAS	EC approved chassis side guards	<input type="checkbox"/>	GYREC002	Good Year FUELMAX S/D - Energy rating B or C depending on size
<input type="checkbox"/>	CHAIN-S	Snow chains	<input type="checkbox"/>	GYREC003	Good Year FUELMAX S/(O)/D - Fuel tyre Recommendation 3
<input type="checkbox"/>	HOOK-SC	Snow chain hooks	<input type="checkbox"/>	MIREC001	Michelin XFA2/X-LINE Energy - Fuel tyre Recommendation 1
<input checked="" type="checkbox"/>	TOWF-HD1	One heavy duty front towing device	<input type="checkbox"/>	MIREC002	Michelin XZA2/X-LINE Energy - Fuel tyre Recommendation 2
<input type="checkbox"/>	TOWMBRH	Towing member, high mounted in centre of frame, D = 190	<input type="checkbox"/>	MIREC003	Michelin X-LINE Energy - Fuel tyre Recommendation 3
<input type="checkbox"/>	TOWMBRL1	Towing member, low mounted under the frame	<input type="checkbox"/>	MIREC004	Michelin X Line Energy F/D2 - Energy rating A
<input type="checkbox"/>	TOWMBRM	Towing member, medium mounted in line with frame lower flange	<input type="checkbox"/>	SPWT-D	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/>	RFEC-L	Rear frame end, lower flange cut for centre axle drawbar.	<input type="checkbox"/>	SPWT-F	Spare wheel & tyre with front tyre pattern
<input checked="" type="checkbox"/>	RFEC-S	Rear frame end, straight cut for regular platform applications	<input type="checkbox"/>	SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
<input type="checkbox"/>	RFEC-U	Rear frame end, upper cut for tipper applications.	<input type="checkbox"/>	SWCP-R	Rear mounted spare wheel carrier
<input type="checkbox"/>	C-RI4040	Towing coupling, Ringfeder 4040 G-150	<input type="checkbox"/>	SWCP-T	Spare wheel supplied temporarily strapped to chassis
<input type="checkbox"/>	C-RI5055	Towing coupling, Ringfeder 5055 G-150	<input type="checkbox"/>	SWCP-TF	Temporary spare wheel carrier on top of chassis frame
<input type="checkbox"/>	C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes	<input type="checkbox"/>	JACK-12T	12 tonne bottle jack
<input type="checkbox"/>	C-RO50	Rockinger RO 50 50mm for centre axle trailer	<input type="checkbox"/>	JACK-15T	15 tonne bottle jack
<input type="checkbox"/>	TOWR-ONE	Towing hitch attached to rear crossmember	<input type="checkbox"/>	JACK-20T	20 tonne bottle jack
<input checked="" type="checkbox"/>	TREL-PK	Trailer electrical preparation kit - chassis/cab wiring	<input checked="" type="checkbox"/>	TOOL-BAS	Basic Toolkit
<input checked="" type="checkbox"/>	Standard Equipment		<input type="checkbox"/>	Optional Equipment	

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MODEL RANGE

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX

<input type="checkbox"/> TOOLKIT	Complete tool kit	<input type="checkbox"/> HPE-F41	flow, engine mounted hydraulic pump Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> INFLAHOS	Tyre inflation hose	<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> OBDEP-C	Euro 6 Step C emission level	<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> OBDEP-D	Euro 6 Step D emission level	<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"/> ASO-C	Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1	<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> 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	<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> TRAP-HD	Reinforced gearbox application	<input type="checkbox"/> PTPT-D	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
<input type="checkbox"/> TP-CON	Construction Package	<input type="checkbox"/> PTPT-F	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
<input type="checkbox"/> TP-DIST	Distribution Package	<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
<input type="checkbox"/> TP-HD	I-shift software - Heavy duty for high GCW Special conditions apply consult Sales Engineering	<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> TP-LONG	Long Haul Package	<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	Enhanced software for off road driveability and starting	<input type="checkbox"/> PTR-FH	Gearbox driven high speed PTO with SAE drive flange
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input type="checkbox"/> PTR-FL	Gearbox driven low speed PTO with SAE drive flange
<input type="checkbox"/> CD43-O	Dual plate clutch, plate diameter 430 mm	<input type="checkbox"/> PTR-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input checked="" type="checkbox"/> CS43B-O	Single plate 430mm (17") clutch	<input type="checkbox"/> PTRD-D1	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
<input type="checkbox"/> RET-TH	Gearbox mounted retarder	<input type="checkbox"/> PTRD-D2	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
<input type="checkbox"/> RET-TPT	Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> TC-HWO	Automatic gearbox oil cooler - water to oil	<input type="checkbox"/> HPG-F101	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> HPG-F41	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F51	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> TC-MWOH2	High performance transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F61	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> 1COMP530	Single cylinder, air compressor, 530 litres per minute	<input type="checkbox"/> HPG-F81	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> 2COM1100	Two cylinder, air compressor, 1100 litres per minute	<input type="checkbox"/> EIDLESD	Engine idle shut down
<input checked="" type="checkbox"/> 2COMP900	Two cylinder, air compressor, 900 litres per minute	<input type="checkbox"/> STWPOS-L	LEFT HAND DRIVE
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input checked="" type="checkbox"/> STWPOS-R	RIGHT HAND DRIVE
<input checked="" type="checkbox"/> AIRIN-HI	Roof mounted air intake behind cab on left hand side	<input type="checkbox"/> STWM-LE	Leather steering wheel
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input type="checkbox"/> STGW-AD2	Adjustable steering wheel with neck tilt
<input type="checkbox"/> ACL1ST-S	Two stage air filter	<input checked="" type="checkbox"/> STGW-ADJ	Adjustable steering wheel
<input checked="" type="checkbox"/> 24AL110B	110 amp alternator	<input checked="" type="checkbox"/> AIRBAG	SRS Driver's air bag
<input checked="" type="checkbox"/> 24AL120B	120 amp alternator	<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input checked="" type="checkbox"/> 24AL150B	150 amp alternator	<input type="checkbox"/> 1DAYDIG	Continental VDO DTCO 3.0 digital tachograph This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.
<input checked="" type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input checked="" type="checkbox"/> 1DAYDIG2	Continental VDO DTCO 4.0 smart tachograph This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.
<input type="checkbox"/> CCV-O	Open crankcase engine breather	<input type="checkbox"/> 1DAYDIGP	Continental VDO DTCO 3.0 digital tachograph For vehicles with long lead time - this includes prep kit for the retrofit of DTCO 4.0 tachograph. For updating to new legal demand for trick registration from 15th June 2019. This tachograph can ONLY offer remote download if the option
<input type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets		
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump		
<input type="checkbox"/> PRIM-MAN	Manual priming pump		
<input type="checkbox"/> FUEQ-EH	Fuel line electric heater		
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter		
<input type="checkbox"/> FUEFE2LW	Large engine mounted dual fuel filter with water separator		
<input checked="" type="checkbox"/> FUEFE2SW	Small engine mounted dual fuel filter with water separator		
<input type="checkbox"/> EST-AID	Air inlet manifold starting heater element		
<input type="checkbox"/> 220EBH15	220V/1.5Kw electric engine block heater		
<input type="checkbox"/> PTER-100	Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange		
<input type="checkbox"/> PTER-DIN	Rear engine mounted PTO 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	Rear engine mounted power-take-off with SAE 1410 flange		
<input type="checkbox"/> HPE-F101	Parker F1-101, engine mounted, fixed displacement, single		

Standard Equipment

Optional Equipment

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MODEL RANGE

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX

	of Dynafleet or an FMS gateway has been specified with this order.			Interior trim: Raven black bunk and curtains & blue textile side walls
<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard	<input checked="" type="checkbox"/> UPHTRI11		Seats: Light grey embossed textile insert, black raven metallic vinyl bolster with red vinyl side insert.
<input type="checkbox"/> SPEED-DU	Dual speed limiter	<input type="checkbox"/> UPHTRI12		Interior trim: Raven black bunk and curtains & grey vinyl side walls
<input type="checkbox"/> CRUIS-E	Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)	<input type="checkbox"/> UPHTRI13		Seats: Blue soft textile insert, black vinyl bolster.
<input checked="" type="checkbox"/> CRUISEC	Cruise control, standard	<input type="checkbox"/> UPHTRI14		Interior trim: Raven black bunk and curtains & blue textile side walls
<input checked="" type="checkbox"/> ESP-BAS1	Electronic Stability Control	<input checked="" type="checkbox"/> DST-CF4		Seats: Dark grey leather insert and black leather bolster.
<input type="checkbox"/> ESPC-RO	ESP (Electronic Stability Program) functionality control - Reduced / Off	<input type="checkbox"/> DST-CF5		Interior trim: Raven black bunk and curtains & grey vinyl side walls
<input type="checkbox"/> HWSS-ACB	Adaptive cruise control with forward collision warning and advanced emergency braking	<input type="checkbox"/> DST-CF6		Seat: Dark grey leather insert and black leather bolster.
<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with basic cruise control and advanced emergency brake	<input checked="" type="checkbox"/> SBD-RED		Interior trim: Raven black bunk and curtains & blue textile side walls
<input checked="" type="checkbox"/> LSS-DW	Lane departure warning system	<input type="checkbox"/> SBPRE-DS		Driver seat, comfort, suspended, belt in seat
<input type="checkbox"/> LCS	Lane change support	<input checked="" type="checkbox"/> PST-BAS1		Driver seat, comfort, suspended, belt in seat, electrically heated
<input type="checkbox"/> DAS-W	Driver Alert Support system	<input type="checkbox"/> PST-BENC		Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated
<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers	<input type="checkbox"/> PST-CF4		Red seat belts
<input type="checkbox"/> CU-ECC	Electrically controlled air conditioning with sun sensor	<input type="checkbox"/> PST-CF5		Driver seat belt pretensioner
<input type="checkbox"/> CU-ECC2	Electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter	<input type="checkbox"/> PST-STD2		Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab
<input checked="" type="checkbox"/> CU-MCC	Climate unit with manual controlled air conditioning	<input type="checkbox"/> PST-STD4		Bench passenger seat
<input checked="" type="checkbox"/> IMMOBIL	Thatcham H2 approved immobiliser	<input type="checkbox"/> SBPRE-PS		Passenger seat - Comfort suspended with seatbelt mounted in seat
<input type="checkbox"/> ALARM-B	Thatcham H1 approved vehicle alarm - Cab only	<input type="checkbox"/> ARM-DBPS		Passenger seat - Comfort suspended & heated with seatbelt mounted in seat
<input type="checkbox"/> ALARM-E	Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer	<input type="checkbox"/> ARMRE-BB		Passenger seat - Fixed non suspended with seatbelt mounted in cab
<input type="checkbox"/> ALCOLOCK	Alcolock	<input type="checkbox"/> ARMRE-DB		Passenger seat - Standard suspended with seatbelt mounted in cab
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> ARMRE-PB		Passenger seat belt pretensioner
<input type="checkbox"/> WLIFT-AD	Electrical window lift, automatic up/down driver side	<input type="checkbox"/> ARMRE-PS		Two armrests on driver seat and one (outer) on passenger seat
<input checked="" type="checkbox"/> WLIFT-EB	Electrical window lift	<input type="checkbox"/> ARU-BAS		Two armrests on both driver and passenger seat.
<input type="checkbox"/> WLIFT-ME	Mechanical window lift	<input type="checkbox"/> ARU-LEA		Two armrests, on driver seat only
<input type="checkbox"/> ISUNS-BS	Side interior sun visor on both sides	<input checked="" type="checkbox"/> FMAT-RU2		Two armrests, on passenger seat only
<input checked="" type="checkbox"/> ISUNS-DS	Driver's side interior sun visor	<input type="checkbox"/> FMAT-RUB		Single armrest (next to driver) on passenger seat
<input checked="" type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> FMAT-T2E		Vinyl upholstered armrest
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> FMAT-TX2		Leather upholstered armrest
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> LBK-RES		Rubber floor mats, extended
<input type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> LBK70		Rubber floor mats
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	<input checked="" type="checkbox"/> ULBK		Textile and rubber floor mats
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> MATL-FI		Foldable rest bunk
<input type="checkbox"/> BUPMON	Back up monitor with built in 7" screen on dash and one colour camera supplied loose for fitment by bodybuilder.	<input type="checkbox"/> MATL-SF		Lower bunk 700 x2000 mm, fixed
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> MATL-SO		Without lower bunk
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> OLMAT-BA		Firm lower bunk pocket sprung mattress
<input type="checkbox"/> FIREXT3S	3kg fire extinguisher mounted on seat base	<input type="checkbox"/> OLMAT-PR		Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> WARNVEST	High visibility warning vest - no sleeves	<input type="checkbox"/> TBK60F		Lower flexizone mattress - soft, pocket springs up to 85kg - 13.5 stone
<input type="checkbox"/> AIDKIT	First aid kit	<input type="checkbox"/> TBK70F		35mm mattress overlay protector
<input type="checkbox"/> AIDKIT1B	First aid kit	<input type="checkbox"/> PH-CAB2		50mm premium mattress overlay protector
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> PH-ENGCA		Fixed foldable top bunk 600 x 1900mm
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> PH-SS		Fixed foldable top bunk 700 x 1900mm
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> SLCP-BAS		1.8kW Air to air night heater
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> SAFE		Engine and cab night heater
<input type="checkbox"/> UPHTRI10	Seats: Black embossed textile insert with light grey sides, black vinyl side bolster with blue vinyl side insert.	<input type="checkbox"/> ETSB-F		Short stop heater
		<input type="checkbox"/> ETSB-FR		Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock

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

FMX13 6x4 Rigid - High B Ride - N3 Cranked front axle for on road work FM 64 R3HBX

- ETSB-FRS** Storage on engine tunnel - on front top & at rear cab wall & storage recessed into tunnel on right hand side
 - ETSB-FS** Storage on engine tunnel - on front top and storage recessed into tunnel on right hand side
 - ETSB-R** Storage on engine tunnel - box at rear cab wall
 - ETSB-RS** Storage on engine tunnel - at rear cab wall and storage recessed into tunnel on right hand side
 - ETSB-S** Storage on engine tunnel - recessed into tunnel on right hand side
 - RUS-BAS** Rear cab upper storage 154 litres - 300 mm high
 - RUS-HIG** Rear cab upper storage 245 litres - 440 mm high
 - TABLE** Folding and height adjustable table - on lower bunk
 - REF-ICPK** Refrigerator preparation kit, engine tunnel mounted
 - REFR-RUS** 28 litre rear upper wall mounted refrigerator with dividers
 - BOTH-D** One bottle holder under dashboard centre section
 - COFMA-PK** Coffee maker, preparation kit.
 - INLI-BAS** Basic white interior lights
 - INLI-NL** Interior white and red night light with no dimmer
 - INLI-NLD** Interior white and red night light with dimmer function
 - ARL-FLEX** Two flexible reading lamps (snake lamps)
 - RH-EE** Without roof hatch
 - RH-ETR** Roof & escape hatch - Electrically operated, tinted glass with rear opening
 - RH-MSR** Steel roof hatch - Manually operated with rear opening
 - RH-MTR** Roof & escape hatch - Manually operated, tinted glass with rear opening
 - URH** Without roof hatch
 - SWIND-BS** Extra side window on both sides behind "B" pillar
 - SWIND-PS** Rear side window, passenger side
 - VANMIR** Vanity mirror in front shelf
 - AS-FUS** Extra shelf in front upper storage compartments
 - INFOT-PK** Preparation kit for the mounting of a flat screen TV in cab above the driver's door, includes bracket, electrical and speaker connections
- CAB EXTERIOR**
- PAICS-B** Basic cab paint - mirrors, sunvisor, instep and bumper supplied in natural finish - grey
 - GLAS-TIN** Tinted windows.
 - AWIND-RF** Rear window
 - DGLAS-L** Laminated door glass
 - LOCK-MAN** Manual door locking
 - LOCK-MRP** Manual door locking with internal remote control (from driver side) of passenger door
 - LOCK-REM** Central locking with remote control
 - BUMP-HD** Heavy duty front bumper
 - GUARD-EH** Engine guard to protect sump and engine hoses
 - BUGNET** Insect screen in front of radiator
 - CTILTP-E** Electrically operated hydraulic cab tilt
 - CTILTP-M** Manually operated hydraulic cab tilt
 - FCABS-A** Front cab - Air suspension
 - FCABS-M** Front cab - Mechanical spring suspension
 - RCABS-A** Rear cab suspension - Air
 - RCABS-M** Rear cab suspension - Mechanical spring
 - MIRCOMFX** Electrically heated and operated exterior mirrors with wide angle mirror on both sides and kerb view mirror on passenger side
 - MIRSTDX** Electrically heated exterior mirrors with wide angle mirror on both sides and kerb view mirror on passenger side
 - AMIR-F20** Auxiliary front view mirror with a 200mm radius
 - SUNV-H** External smoke grey sunvisor
- AD-ROOF** Roof air deflector
 - AD-SIDEL** Side air deflector extension panels
 - AD-SIDES** Short cab side air deflector for rigid bodywork
 - HL-BAS2** Halogen H1 head lamps
 - HL-BASIC** Halogen H7 head lamps
 - HL-CLEAN** Head lamp cleaner - washer jets
 - HLP-ST** Headlamp protection
 - HL-ADJ** Adjustable headlights with switch in the cab
 - UDRIVL** Without auxiliary driving lights
 - ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.
 - ASL-RFPK** Preparation kit for two spotlamps in sign box
 - BEACOA2F** Two front roof mounted amber beacon rotating warning lamps
 - BEACOA2R** Two rear roof mounted (on accessory bracket) amber beacon flashing warning LED lamps
 - BEACON-P** Roof beacon wire preparation
 - BEACONA4** Four roof mounted (2 front/2 rear) amber beacon rotating warning lamps
 - CABPT-R1** Single outlet for roof mounted accessories
 - CABPT-R2** Twin outlets for roof mounted accessories.
 - 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
 - CSGN-FMX** "Volvo FMX" headboard logo
 - HORN-F1S** Single tone Jericho air horn chassis mounted
 - HORN-R2S** Two roof mounted air horns
 - ANT-CBR** Roof mounted antenna for CB radio, single aerial
 - ACCBR-AP** Front, middle & rear roof mounted accessory brackets
 - ACCBR-F** Front roof mounted accessory bracket
 - ACCBR-FM** Front & middle roof mounted accessory brackets
 - ACCBR-FR** Front & rear roof mounted accessory brackets
 - ACCBR-M** Middle roof mounted accessory bracket
 - ACCBR-R** Rear roof mounted accessory bracket
 - ACCBR-RM** Rear & middle roof mounted accessory brackets
 - REFS-CW** White cab conspicuity markings mounted on cab side
 - REFS-TW** White cab conspicuity markings by packed in cab
 - REFS-TY** Yellow cab conspicuity markings by packed in cab
- SUPERSTRUCTURE PREPARATIONS**
- BP-MI02**
 - BP-TI03**
 - CROSSRE** Cross reinforcement for swapbody
 - SRWL-PK** Wiring preparation for side & rear work/reverse lamps on side of chassis and a three-position switch, maximum 280W
 - SWL-2FW** Two H3 70W white front chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
 - SWL-2RW** Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
 - SWL-4W** 4 H3 70W white front (2) & rear (2) chassis mtd (LH/RH side) working lamps & 2-pos switch (On/Off)
 - SWL-PK** Wiring preparation for side work/reverse lamps on side of chassis and a three-position switch, maximum 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-PKCH** Preparation kit (cables and switch) for cab mounted chassis working lamp
 - 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

Standard Equipment Optional Equipment

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- **WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
- **ECBB-BAS** Body builder electrical centre without body builder module
- **ECBB-HIG** Body builder electrical centre with body builder module
- **BBCHAS1** One 7-pole connector for Body builder interface
- **BBCHAS3** Three 7-pole connectors for Body builder interface
- **BEPR-T2** Body builder electrical software preparation for tipper with remote control
- **EXSTER** External steering control, with VDS and bodybuilder module
- **TD-BAS** Trailer detection WITHOUT LED sensing
- **TD-LED** Trailer detection with LED sensing
- **FRFS-BS** 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-3GWL** Telematics gateway with GSM/GPRS/3G modem and wireless lan WLAN
- **FMS-PK** Fleet Management System gateway
- **DRUT** "My Truck App" Two years subscription to driver utility application

VOLVO

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