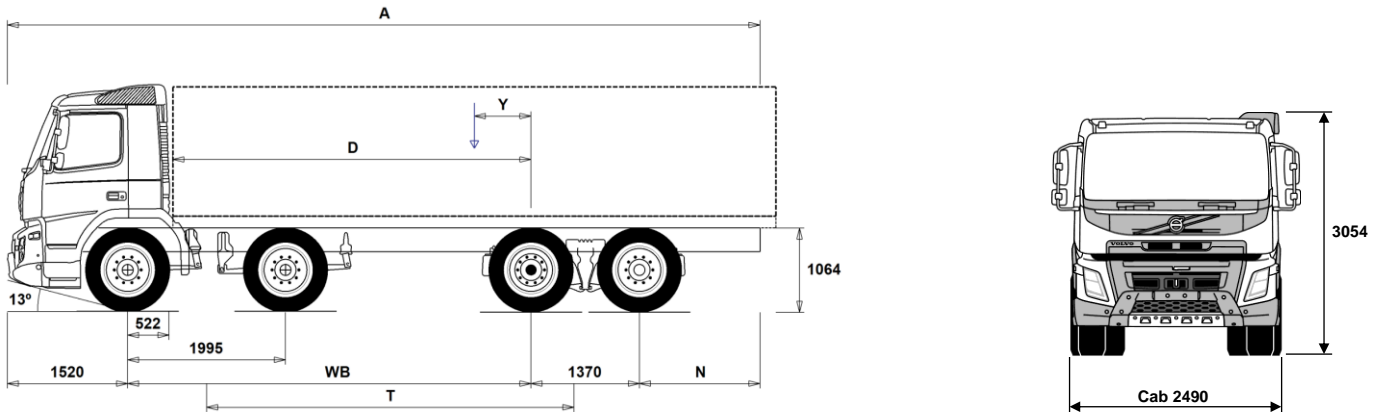


MODEL RANGE



Volvo Trucks. Driving Progress

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX



Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000
A Overall Chassis Length	10815	11565	12215
D Center of rear axle to front of body	4528	5028	5428
N Rear Overhang (Min.)	1225	1225	1225
N Rear Overhang (Max.)	2825	3075	3325
T Theoretical Wheelbase	4643	5143	5543
Y Center of Gravity for Payload (Min.)	761	919	1046
Y Center of Gravity for Payload (Max.)	1363	1587	1769

Chassis Weights [kg]

Front Axles	6520	6450	6415
Rear Bogie	2365	2480	2590
Kerb Weight	8885	8930	9005
Payload (including body, driver, fuel, etc.)	23115	23070	22995

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	44000	44000
Front Axles	16000	16000
Rear Bogie	19000	19000

Important Notes

Chassis Dimensions

Cab Height: +416 mm for CAB-HSLP, +554 mm for CAB-XHSL.
Front Axle to Back of Cab: +424 mm for CAB-HSLP and CAB-SLP and CAB-XHSL.

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 $\pm 3\%$.

Turning diameters are theoretically calculated. Tag axle used: TA-FIXED.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM82FR3HAX.

MODEL RANGE

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

TRUCK USE

- RC-ROUGH** Operating class on/off road
- RC-SMOOT** Operating class highway
- TIPP-PRE** Tipper vehicle preparation
- UNIFORM** Basic platform vehicle

CORE COMPONENTS

- CHH-HIGH** Chassis height high - N3 "On Road" chassis - For a specific loading height always check the unique BEP chassis drawing
- CHH-MED** Chassis height medium - For a specific loading height always check the unique BEP chassis drawing
- TA-HYSBS** Electro-hydraulic steered tag axle, with steering lock out at 38kph
8x2 models with rear steer will use the engine PTO to drive the steering pump, so will need an adapter.
- 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-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
- D13 420S** D13K420 12.8 litre engine developing 420hp at 14-1800rpm.
Peak torque 2100Nm at 860 -1400rpm.
- D13 460S** D13K460 12.8 litre engine developing 460hp at 14-1800rpm.
Peak torque 2300Nm at 900-1400rpm.
- D13 500S** D13K500 12.8l engine developing 500hp at 14-1800rpm.
Peak torque 2500Nm at 1000-1400rpm.
- D13 540S** D13K540 12.8l engine 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** 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
- RSH1370F** RSH1370F hub reduction rear axle with differential lock - design GCW 70 tonne
- RSS1356** RSS1356 single reduction rear axle with differential lock - design GCW 56 tonne
- RSS1370A** RSS1370A single reduction 13 tonne rear axle with differential lock - design GCW 70 tonne
- RSS1370B** RSS1370B single reduction 13 tonne rear axle with differential lock - design GCW 70 tonne

PACKAGES

- DRIVEFM** Cab Package: Drive

Standard Equipment

Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

- DRIVEFM+** Cab Package: Drive +
- 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.
AM/FM Bluetooth radio without CD player.
- MEDIA** USB and Aux line inputs.
Speakers in dashboard, doors, and sleeping compartment.
7" touch screen with personal apps.
- 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.
- VISIX15** Visibility Package
- RCHAPAC1** 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
 - FSLB-BAS** Front suspension levelling - basic stroke
 - FAL16.0** Front axles design capacity 16 tonnes - 2 x 8.0 tonne front axles
 - FAL18.0** Front axles design capacity 18 tonnes - 2 x 9 tonne front axles - check tyre load index
 - FAL20.0** Front axles design capacity 20 tonnes - 2 x 10.0 tonne front axles only available with front air suspension.
 - 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
 - RAL19** Rear bogie design capacity 19 tonnes
 - RAL20.5** Rear bogie design capacity 20.5 tonnes
 - RAL22.5** Rear bogie design capacity 22.5 tonnes
 - RAL23** Rear bogie design capacity 23 tonnes
 - RSTAB2** Rear anti roll bar medium stiffness
 - RSTAB3** Rear stiff anti-roll bar
 - RALIM115** Rear axle load limiter, 11.5 tonnes
 - RALIM95** Rear axle load limiter, 9.5 tonnes
 - 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-DUAL** Dual power steering system
 - AUXPSP** Extra power steering pump driven by the engine PTO (PTER-DIN) so an adapter is required to drive any other equipment.
 - PSP-VAR** Power steering pump with variable displacement
 - EBS-MED** EBS medium package including "hill" hold function

MODEL RANGE

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

■ FBREG-E	Front regulating brake valve, EBS		
■ SUSPL-EC	Remote electronic control on wander-lead for air suspension levelling	■ RFEC-S	Rear frame end, straight cut for regular platform applications
■ FRAME300	Frame rail section external height 300 mm	□ RFEC-U	Rear frame end, upper cut for tipper applications.
■ FST8080	Frame thickness - web and flange 8.0mm	□ C-RI4040	Towing coupling, Ringfeder 4040 G-150
□ FIL-EEEB	Inner liner from end of engine to end of bogie	□ C-RI5055	Towing coupling, Ringfeder 5055 G-150
□ FIL-EEEE	Inner liner from end of engine to end of frame	□ C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
□ FIL-TXEB	Inner liner from gearbox member to end of bogie	□ C-RO50	Rockinger RO 50 50mm for centre axle trailer
□ FIL-TXEF	Inner liner from gearbox member to end of frame	□ TOWR-ONE	Towing hitch attached to rear crossmember
■ BBOX-L	Battery box located on left hand side	□ TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
□ 2BAT210B	2 x 210 Ah capacity Gel batteries	□ TREL14	Single 14 pole electrical trailer connector
■ 2BATT170	2 x 170 Ah capacity batteries	□ TREL15	Single 15 pole electrical trailer connector - ADR certified
□ 2BATT225	2 x 225 Ah capacity batteries	□ TREL7	7 pole - 24N trailer electrical suzie
■ BATTAMP	Battery voltage and ampere gauge	□ TREL7-7	24N and 24S trailer electrical suzies
□ BATTIND	Battery charge indication	□ TBC-DUO	Duomatic type air line connectors
□ ADR2	ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted seperately)	□ TBC-EC	Palm coupling type air line connectors
□ MSWI-A	Main switch - ADR switch circuit shut down	□ TRBR-HCF	Full pressure hand controlled trailer brake
■ MSWI-C	Main switch - Chassis mounted toggle switch by battery box	□ TRBR-STA	Stationary trailer brake control
□ MSWI-R	Main switch - Key fob operated remote controlled	□ TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
■ UR-FUEL	Without right fuel tank Min volume 255l Max volume 810l	□ RUP-FOSL	Folding & sliding EC approved aluminium rear underrun
■ UL-FUEL	Without left fuel tank Min volume 160l Max volume 450l	□ FFEND-B	Standard mounted mud wings on second front axle
□ ADTP-L	AdBlue tank on left hand side	□ FFEND-T	Transport mounted mud wings on second front axle
□ ADTP-LF	AdBlue tank on left hand side at the front	□ RFEND-B	Three piece EC approved rear mud wings and spray flaps
■ ADTP-R	AdBlue tank on right hand side	□ RFEND-T	Rear mud wings, transport mounted
□ ADB032	AdBlue tank usable volume 32 litres	□ RFH-BAS	Basic rear wing height
□ ADB048	AdBlue tank usable volume 48 litres	□ RFH-HIG	High rear wing height - higher wing tops
□ ADB064	AdBlue tank usable volume 64 litres	□ RFH-LOW	Lower rear wing height - shallower wing tops
□ ADTC-BF	AdBlue tank cover with satin alloy look decorative cover	□ ATANK-AL	Aluminium air tanks
■ FCAP-L	Locking fuel filler cap	■ ATANK-ST	Steel air tanks
■ FUFF-AS	Fuel filling anti-spillage device	■ TL-LED	Rear lights LED
■ FUFF-ATS	Fuel filling anti-theft and anti-spillage devices	□ BLIGHT-E	Emergency brake light
□ ESH-LEFT	Horizontal silencer, left exhaust outlet	WHEELS & TYRES	
■ ESH-REAR	Horizontal silencer, rear exhaust outlet	□ RT-AL	Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
□ ESH-VERT	Horizontal silencer, vertical exhaust outlet	□ 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.
□ ESHVVERT	Horizontal chassis mounted diesel particulate filter and vertical SCR silencer behind cab	□ 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.
□ EXST-SSP	Stainless steel exhaust stack - NOT polished	□ RT-ALDU	Alcoa brushed aluminium rims with countersunk holes for short stud fixing on all axles
□ EXST-ST	Steel exhaust stack	■ RT-STEEL	Steel rims on all axles
□ WHC-FIX2	Two fixed wheel chocks	□ WCAP	Aerodynamic hub caps
□ WHC-FOL2	Two foldable wheel chocks	□ SPWT-D	Spare wheel & tyre with rear tyre pattern
□ WHCP-F	Wheel chock(s) stored in the front part of the vehicle	□ SPWT-F	Spare wheel & tyre with front tyre pattern
□ WHCP-R	Wheel chock(s) stored in the rear part of the vehicle	□ SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
□ WHCP-T	Transport mounted wheel chock(s) stored in cab outer luggage locker	□ SWCP-T	Spare wheel supplied temporarily strapped to chassis
□ TB-L80	Toolbox 800 mm, left side	□ SWCP-TP	Temporary spare wheel carrier on top of chassis frame
□ TB-R80	Toolbox 800 mm, right side	□ JACK-12T	12 tonne bottle jack
□ SUP-BAS	EC approved chassis side guards	□ JACK-15T	15 tonne bottle jack
□ CHAIN-S	Snow chains	□ JACK-20T	20 tonne bottle jack
□ HOOK-SC	Snow chain hooks	■ TOOL-BAS	Basic Toolkit
■ TOWF-HD1	One heavy duty front towing device	□ TOOLKIT	Complete tool kit
□ TOWMBRH	Towing member, high mounted in centre of frame, D = 190	□ INFLAHOS	Tyre inflation hose
□ TOWMBRL1	Towing member, low mounted under the frame	□ GAUGE-TP	Tyre pressure gauge
□ TOWMBRM	Towing member, medium mounted in line with frame lower	DRIVELINE EQUIPMENT	
		□ ASO-C	Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1
		□ ASO-ULC	Ultra low crawler and crawler gear -
■ Standard Equipment	□ Optional Equipment		

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MODEL RANGE

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

	Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1		
<input type="checkbox"/>	TRAP-HD Reinforced gearbox application	<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-CON Construction Package	<input type="checkbox"/>	PTR-D Gearbox PTO for plug-in pump, 0.71xeng speed
<input type="checkbox"/>	TP-DIST Distribution Package	<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"/>	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 Dual plate clutch, plate diameter 430 mm	<input type="checkbox"/>	HPG-F101 Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/>	RET-TPT Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/>	HPG-F41 Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/>	TC-HWO Automatic gearbox 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-MAOH2 Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/>	HPG-F61 Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/>	TC-MWO Basic transmission oil cooler - water to oil	<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 checked="" type="checkbox"/>	STWPOS-R RIGHT HAND DRIVE
<input type="checkbox"/>	CLU-AIRC Clutchable air compressor	<input type="checkbox"/>	STWM-LE Leather steering wheel
<input checked="" type="checkbox"/>	AIRIN-HI Roof mounted air intake behind cab on left hand side	<input type="checkbox"/>	STGW-AD2 Adjustable steering wheel with neck tilt
<input type="checkbox"/>	AIRIN-LO Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/>	STGW-ADJ Adjustable steering wheel
<input type="checkbox"/>	ACL1ST-S Two stage air filter	<input checked="" type="checkbox"/>	AIRBAG SRS Driver's air bag
<input checked="" type="checkbox"/>	24AL110B 110 amp alternator	<input checked="" type="checkbox"/>	DRC-AMII DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/>	24AL120B 120 amp alternator	<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"/>	24AL150B 150 amp alternator	<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 of Dynafleet or an FMS gateway has been specified with this order.
<input checked="" type="checkbox"/>	CCV-C Closed crankcase engine ventilation	<input type="checkbox"/>	ARSL Additional road speed limit - switch in dashboard
<input type="checkbox"/>	CCV-O Open crankcase engine breather	<input type="checkbox"/>	CRUIS-E Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)
<input type="checkbox"/>	CCV-OX Closed crankcase ventilation for cold markets	<input checked="" type="checkbox"/>	CRUISEC Cruise control, standard
<input checked="" type="checkbox"/>	PRIM-EL Electrical priming pump	<input type="checkbox"/>	HWSS-AC Adaptive cruise control with forward collision warning
<input type="checkbox"/>	PRIM-MAN Manual priming pump	<input type="checkbox"/>	LSS-DW Lane departure-warning system
<input type="checkbox"/>	FUEQ-EH Fuel line electric heater	<input type="checkbox"/>	LCS Lane change support
<input type="checkbox"/>	AF-R Hot fuel recirculation heated fuel filter	<input type="checkbox"/>	DAS-W Driver Alert Support system
<input type="checkbox"/>	FUEFE2LW Large engine mounted dual fuel filter with water separator	<input type="checkbox"/>	RSENS-W Rain sensing windscreen wipers
<input checked="" type="checkbox"/>	FUEFE2SW Small engine mounted dual fuel filter with water separator	<input type="checkbox"/>	CU-ECC Electrically controlled air conditioning with sun sensor
<input type="checkbox"/>	EST-AID Air inlet manifold starting heater element	<input type="checkbox"/>	CU-ECC2 Electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter
<input type="checkbox"/>	220EBH15 220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/>	CU-MCC Climate unit with manual controlled air conditioning
<input type="checkbox"/>	PTER-100 Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange	<input checked="" type="checkbox"/>	IMMOBIL Thatcham H2 approved immobiliser
<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"/>	ALARM-B Thatcham H1 approved vehicle alarm - Cab only
<input type="checkbox"/>	PTER1400 Rear engine mounted power-take-off with SAE 1410 flange	<input type="checkbox"/>	ALARM-E Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer
<input type="checkbox"/>	HPE-F101 Parker F1-101,engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/>	ALCOLOCK Alcolock
<input type="checkbox"/>	HPE-F41 Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<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"/>	HPE-F51 Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-F61 Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-F81 Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-T53 Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-T70 Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-V45 Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/>	HPE-V75 Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/>	PTPT-D Powertronic PTO, 1 front/upper DIN connection for plug-in		
<input checked="" type="checkbox"/>	Standard Equipment	<input type="checkbox"/>	Optional Equipment

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FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

	Can accommodate up to 4 cameras for Tfl Safe Scheme, CLOCS and FORS.	<input type="checkbox"/> PST-STD4	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"/> SBPRE-PS	Passenger seat belt pretensioner
<input type="checkbox"/> WLIFT-AD	Electrical window lift, automatic up/down driver side	<input type="checkbox"/> ARM-DBPS	Two armrests on driver seat and one (outer) on passenger seat
<input checked="" type="checkbox"/> WLIFT-EB	Electrical window lift	<input type="checkbox"/> ARMRE-BB	Two armrests on both driver and passenger seat.
<input type="checkbox"/> WLIFT-ME	Mechanical window lift	<input type="checkbox"/> ARMRE-DB	Two armrests, on driver seat only
<input type="checkbox"/> ISUNS-BS	Side interior sun visor on both sides	<input type="checkbox"/> ARMRE-PB	Two armrests, on passenger seat only
<input checked="" type="checkbox"/> ISUNS-DS	Driver's side interior sun visor	<input type="checkbox"/> ARMRE-PS	Single armrest (next to driver) on passenger seat
<input checked="" type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> ARU-BAS	Vinyl upholstered armrest
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> ARU-LEA	Leather upholstered armrest
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input checked="" type="checkbox"/> FMAT-RU2	Rubber floor mats, extended
<input type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> FMAT-RUB	Rubber floor mats
<input checked="" type="checkbox"/> CSPU-S	One open storage (behind push open lid) in upper part of dash panel center section	<input type="checkbox"/> FMAT-T2E	
<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"/> FMAT-TX2	Textile and rubber floor mats
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> LBK-RES	Foldable rest bunk
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> LBK70	Lower bunk 700 x2000 mm, fixed
<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input checked="" type="checkbox"/> ULBK	Without lower bunk
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> MATL-FI	Firm lower bunk pocket sprung mattress
<input type="checkbox"/> FIREXT3S	3kg fire extinguisher mounted on seat base	<input type="checkbox"/> MATL-SF	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"/> MATL-SO	Lower flexizone mattress - soft, pocket springs up to 85kg - 13.5 stone
<input type="checkbox"/> AIDKIT	First aid kit	<input type="checkbox"/> OLMAT-BA	35mm mattress overlay protector
<input type="checkbox"/> AIDKIT1B	First aid kit	<input type="checkbox"/> OLMAT-PR	50mm premium mattress overlay protector
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> TBK60F	Fixed foldable top bunk 600 x 1900mm
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> TBK70F	Fixed foldable top bunk 700 x 1900mm
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> PH-CAB2	1.8kW Air to air night heater
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> PH-ENGCA	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. Interior trim: Raven black bunk and curtains & blue textile side walls	<input type="checkbox"/> PH-SS	Short stop heater
<input checked="" type="checkbox"/> UPHTRI11	Seats: Light grey embossed textile insert, black raven metallic vinyl bolster with red vinyl side insert. Interior trim: Raven black bunk and curtains & grey vinyl side walls	<input type="checkbox"/> SLCP-BAS	Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock
<input type="checkbox"/> UPHTRI12	Seats: Blue soft textile insert, black vinyl bolster. Interior trim: Raven black bunk and curtains & blue textile side walls	<input type="checkbox"/> SAFE	Safe box for driver's personal items
<input type="checkbox"/> UPHTRI13	Seats: Dark grey leather insert and black leather bolster. Interior trim: Raven black bunk and curtains & grey vinyl side walls	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - on front top
<input type="checkbox"/> UPHTRI14	Seat: Dark grey leather insert and black leather bolster. Interior trim: Raven black bunk and curtains & blue textile side walls	<input type="checkbox"/> ETSB-FR	Storage on engine tunnel - on front top and at rear cab wall
<input checked="" type="checkbox"/> DST-CF4	Driver seat, comfort, suspended, belt in seat	<input type="checkbox"/> ETSB-FRS	Storage on engine tunnel - on front top & at rear cab wall & storage recessed into tunnel on right hand side
<input type="checkbox"/> DST-CF5	Driver seat, comfort, suspended, belt in seat, electrically heated	<input type="checkbox"/> ETSB-FS	Storage on engine tunnel - on front top and storage recessed into tunnel on right hand side
<input type="checkbox"/> DST-CF6	Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated	<input type="checkbox"/> ETSB-R	Storage on engine tunnel - box at rear cab wall
<input type="checkbox"/> SBD-RED	Red seat belts	<input type="checkbox"/> ETSB-RS	Storage on engine tunnel - at rear cab wall and storage recessed into tunnel on right hand side
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input type="checkbox"/> ETSB-S	Storage on engine tunnel - recessed into tunnel on right hand side
<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab	<input type="checkbox"/> RUS-BAS	Rear cab upper storage 154 litres - 300 mm high
<input type="checkbox"/> PST-BENC	Bench passenger seat	<input type="checkbox"/> RUS-HIG	Rear cab upper storage 245 litres - 440 mm high
<input type="checkbox"/> PST-CF4	Passenger seat - Comfort suspended with seatbelt mounted in seat	<input type="checkbox"/> TABLE	Folding and height adjustable table - on lower bunk
<input type="checkbox"/> PST-CF5	Passenger seat - Comfort suspended & heated with seatbelt mounted in seat	<input type="checkbox"/> REF-ICPK	Fridge: engine tunnel mounted preparation kit
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed non suspended with seatbelt mounted in cab	<input type="checkbox"/> REFR-RUS	Fridge: 28 litre rear upper wall mounted with dividers
		<input type="checkbox"/> MICRO-PK	Preparation kit for microwave oven (wiring)
		<input type="checkbox"/> BOTH-D	One bottle holder under dashboard centre section
		<input type="checkbox"/> COFMA-PK	Coffee maker, preparation kit.
		<input checked="" type="checkbox"/> INLI-BAS	Interior white LED lights - basic
		<input type="checkbox"/> INLI-NL	Interior white and red night LED light with no dimmer
		<input type="checkbox"/> INLI-NLD	Interior white and red night LED light with dimmer
		<input type="checkbox"/> ARL-FLEX	Two flexible reading lamps (snake lamps)
		<input type="checkbox"/> RH-EE	Without roof hatch -Tinted glass emergency exit ONLY
		<input type="checkbox"/> RH-ETR	Glass roof & escape hatch - Electrically operated, tinted glass with rear opening
		<input type="checkbox"/> RH-MSR	Steel roof & escape hatch - Manually operated with rear opening
		<input type="checkbox"/> RH-MTR	Glass roof & escape hatch - Manually operated, tinted glass with rear opening

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

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

- **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 suspension - Air
- **FCABS-M** Front cab suspension - Mechanical spring
- **RCABS-A** Rear cab suspension - Air
- **RCABS-M** Rear cab suspension - Mechanical spring
- **MIRCOMFX** Electrically heated and operated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings
- **MIRSTDX** Electrically heated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings
- **AMIR-F20** Auxiliary front view mirror with a 200mm radius
- **SUNV-H** External smoke grey sunvisor
- **AD-ROOF** Roof air deflector
- **AD-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-BHID2** Dynamic high intensity Bi-Xenon head lamps
These follow the steering movement and direction of the truck
- **HL-CLEAN** Head lamp cleaner - washer jets
- **HLP-ST** Headlamp protection
- **HL-ADJ** Headlight adjustment - Switch in 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
- **BEACO2F** Two front roof mounted amber beacon rotating warning lamps
- **BEACO2R** Two rear roof mounted (on accessory bracket) amber beacon flashing warning LED lamps
- **BEACON-P** Roof beacon wire preparation
- **BEACON4** 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
- **ROS-IL2** Preparation kit for illuminated roof sign with switch loose in cab, fit after registration
- **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
- **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

SUPERSTRUCTURE PREPARATIONS

- **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
- **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

- Standard Equipment
- Optional Equipment

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MODEL RANGE

FMX13 8x2 Platform - Tag - Rear Air Suspension FM 82F R3HAX

- **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** GSM/GPRS/4G modem, LTE & WLAN for telematics gateway
- **FMS-PK** Fleet Management System gateway

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