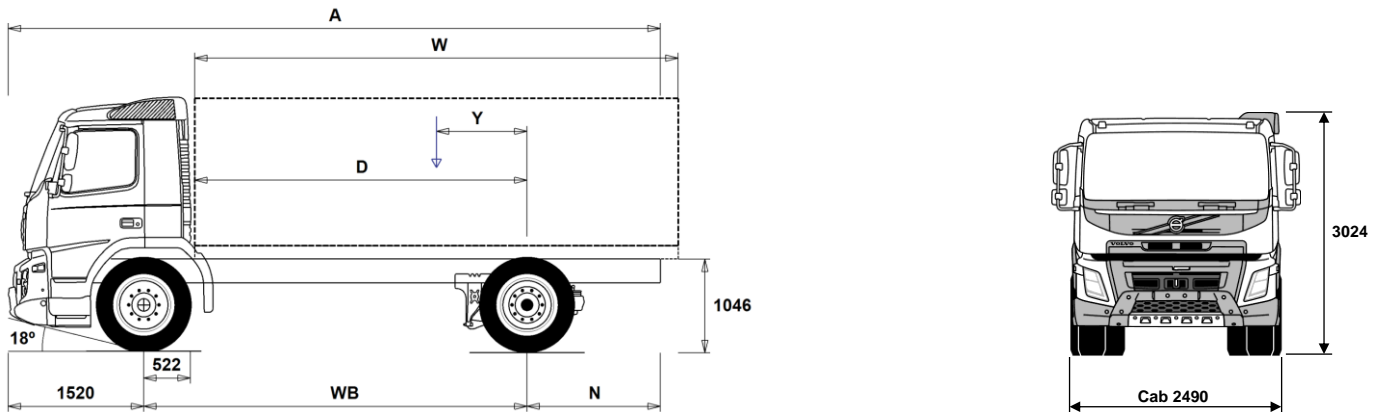


MODEL RANGE



Volvo Trucks. Driving Progress

FMX D11 42 Rigid rear air FM 42 R1HAX



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000	6300	6500	6700
A Overall Chassis Length	6815	7265	7665	8165	8665	9115	9615	10215	10815	11365	11715	11965
D Center of rear axle to front of body	2828	3128	3428	3728	4028	4328	4628	5028	5428	5728	5928	6128
N Rear Overhang (Min.)	1395	1395	1395	1395	1395	1395	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2145	2345	2545	2695	2895	3095	3295	3545	3695	3745
Y Center of Gravity for Payload (Min.)	680	739	798	855	914	972	1032	1109	1185	1250	1291	1329
Y Center of Gravity for Payload (Max.)	680	739	798	855	914	972	1032	1109	1185	1250	1291	1329
W Body Length (Min.)	4311	4794	5277	5762	6245	6727	7208	7855	8503	8973	9291	9615
W Body Length (Max.)	4311	4794	5277	5762	6245	6727	7208	7855	8503	8973	9291	9615

Chassis Weights [kg]

Front Axle	4335	4345	4350	4370	4380	4390	4390	4410	4425	4415	4415	4420
Rear Axle	1785	1805	1825	1870	1905	1930	1960	2000	2035	2055	2080	2085
Kerb Weight	6120	6150	6175	6240	6285	6320	6350	6410	6460	6470	6495	6505
Payload (including body, driver, fuel, etc.)	13980	13950	13925	13860	13815	13780	13750	13690	13640	13630	13605	13595

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	14300	15200	16100	17000	17900	19200	20400	21300	21900	22500
Turning Circle Diameter Wall to Wall	13900	14800	15800	16700	17600	18500	19400	20700	21900	22800	23400	24000

Plated Weights [kg]

	Design
Gross Vehicle Weight	20100
Gross Combination Weight	44000
Front Axle	7100
Rear Axle	13000

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,FRAME266: 0 mm.

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 FM42R1HAX.

MODEL RANGE

FMX D11 42 Rigid rear air FM 42 R1HAX

Transport operation

- **RC-ROUGH** Rough road conditions.
 - Less than 95% of the driven distance on well maintained or less maintained surfaced roads.
 - and / or
 - In total not more than 5% of the driven distance on:
 - Very badly maintained surfaced roads.
 - Hard packed sand or gravel surface of very bad quality.
 - Washboards.
 - Soft unpaved surface.
 - Off-road.
- **RC-SMOOT** Smooth road conditions.
At least 95% of the driven distance on well maintained or less maintained surfaced roads.
Driving occurs on:
 - Badly maintained surfaced roads.
 - Hard packed sand or gravel surface of good or bad quality.
- **GARB-PRE** Garbage preparation
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **RAD-GR** Rear air suspension, 1 axle - 1 driven
- **FMX-DAY** FMX Day cab
- **FMX-HSLP** FMX Globetrotter sleeper cab
- **FMX-SLP** FMX Sleeper cab
- **EU6SCR** Euro 6 emission level with Selective Catalytic Reduction (SCR), particulate filter and Exhaust Gas Recirculation (EGR)
- **D11K330** Diesel engine, 10.8 litre Euro 6 SCR + EGR (Diesel particulate filter), 330 hp, 1600 Nm
- **D11K380** Diesel engine, 10.8 litre Euro 6 SCR + EGR (Diesel particulate filter), 380 hp, 1800 Nm
- **D11K430** Diesel engine, 10.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 430 hp, 2050 Nm
- **D11K460** Diesel engine, 10.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 460 hp, 2200 Nm
- **DIESEL** Diesel fuel
- **DIESEL-B** Biodiesel
- **EBR-EPG** Engine brake with exhaust pressure governor, EPG
- **EBR-EPGC** Volvo engine compression brake with exhaust pressure governor, EPG (for I-shift)
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **AT2412F** I-Shift automated mechanical 12-speed gearbox without clutch pedal, max. engine torque 2400 Nm, max. permitted GCW 44000 kg.
- **AT2612F** I-Shift automated mechanical 12-speed gearbox without clutch pedal, max. engine torque 2600 Nm, max. permitted GCW 100000 kg.
- **ATO2612F** I-Shift automated mechanical 12-speed overdrive gearbox without clutch, max. engine torque 2600 Nm, max. permitted GCW 100000 kg.
Suitable for hub reduction rear axles.
- **PT2106** Powertronic automatic 6-speed gearbox, max. engine torque 2100 Nm, max. permitted GCW 100000 kg
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344E** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version E
- **RSS1352A** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version A
- **RSS1356** Rear single reduction solo axle - axle load 13 tonnes, GCW 56 tonnes
- **RSS1370A** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version A
- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70

■ Standard Equipment

□ Optional Equipment

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

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tonnes, version B

Packages

- **EDITION** Exterior Striping/Emblem. Model specific design on FH,FM,FH16 and FMX
- **DRIVEFM** Driving package FM
- **DRIVEFM+** Driving plus package FM
- **BEDFM** Bed resting package FM
- **AUDBAS** Audio basic. RDS radio with CD player, FM/AM antenna and speakers in dashboard & doors.
Prepared for Dynafleet office internet portal support.
- **AUDHIG** High power audio system. RDS radio with CD player (also playing mp3/wma/wav files from CD), FM/AM antenna, speakers in dashboard & doors & sleeping compartment, integrated bluetooth phone and USB/Line inputs.
Prepared for Dynafleet office internet portal support.
- **MEDIADF** Media package with infotainment. Prepared for both Dynafleet vehicle onboard support and for Dynafleet office internet portal support.
- **MEDIANDF** Media package with infotainment and Navigation support and prepared for Dynafleet vehicle onboard support and for Dynafleet office internet portal support.
- **VISIX15** Visibility package FMX
- **ASAF15** Active safety package
- **ENOPT** Energy optimization package
- **ENOPT+** Energy optimization+ package
- **OFFRFMXD** Construction package for FMX day cab
- **OFFRFMXS** Construction package for FMX sleeper cabs
- **RCHAPAC1** Rigid chassis package

Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** 2 leaf front parabolic suspension (normal stiffness)
- **FST-PARS** 3 leaf front parabolic suspension (stiffer than normal)
- **FSLS-BAS** Front air suspension basic levelling stroke
- **FSLS-HI** Front air suspension high levelling stroke
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front stabilizer with normal stiffness
- **FSTAB2** Front stabilizer with medium high stiffness
- **FSTAB3** Front stiff stabilizer
- **RAL13** Rear axle load 13 tonnes
- **RSTAB3** Rear stiff stabilizer
- **ASF-DL1** Air suspension with 1 driving level
- **ASF-DL3** Air suspension with 3 driving levels
- **ACTST-TO** Volvo Dynamic Steering (VDS) with extra pump and torque overlay
- **ASFE-BAS** Volvo Dynamic Steering feature basic
- **ASFE-PS** Volvo Dynamic Steering 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 (Electronic Brake System) medium package:
 - ABS (Anti-lock Braking System)
 - Lining Wear Sensing (20 % left)
 - Lining Wear Control (incl. wear on the axle)
 - Brake Blending
 - Drag Torque Control
 - Diff Lock Synchronization
 - Diff lock Control

MODEL RANGE

FMX D11 42 Rigid rear air FM 42 R1HAX

	- Brake Temperature Warning	<input type="checkbox"/> EXST-ST	Aluminized steel vertical exhaust top pipe
	- External Brake Demand	<input type="checkbox"/> HS-NAR	Narrow Euro 6 muffler heat shield. Partly (due to heat release) reduced distance (moved inwards) to silencer. Makes better space for e.g. support legs.
	- Diagnosis Via Truck Electronic System	<input type="checkbox"/> WHC-FIX1	One fixed wheel chock
	- Traction Control System	<input type="checkbox"/> WHC-FIX2	Two fixed wheel chocks
	- Emergency Brake Assistance	<input type="checkbox"/> WHC-FOL1	1 foldable wheel chock
	- Constant Wheel Brake Monitoring	<input checked="" type="checkbox"/> WHC-FOL2	2 foldable wheel chocks
	- Coupling Force Control	<input type="checkbox"/> WHCP-F	Wheel chock(s) in the front part of the vehicle.
	- Automatic Parking Brake Activation	- TRACTOR, BBOX-L, Fold, 1/2 w chocks	= Top of left side battery box
	- Lining Wear Analyses (calc of remaining mileage)	- TRACTOR, BBOX-EF, Fold, 1/2 w chocks	= Top of left side fuel tank
	- Hill Starting Assistance	- TRACTOR, BBOX-EF, Fix, 2 w chocks	= Left frame front of fuel tank
	- EBS status monitoring via Truck Electronic System	- RIGID, 1 front axle, Fold, 1/2 w chocks	= Top of left side battery box
<input checked="" type="checkbox"/> AUXPARK	Two extra parking brake chambers	- RIGID, 2 front axles, Fold, Frame free space, 2 wc	= Top of left side battery box
<input checked="" type="checkbox"/> FBREG-E	Front axle regulating brake valve for EBS	- RIGID, 2 front axles, Fix, W/o frame free space, 2 wc	= Left frame behind 1st front wheel
<input checked="" type="checkbox"/> SUSPL-EC	Air suspension levelling with electronic control	<input type="checkbox"/> WHCP-M	Wheel chock(s) in the middle part of the vehicle
<input checked="" type="checkbox"/> FRAME266	Frame rail section external height 266 mm	- TRACTOR, BBOX-L, Fix, 1/2 w chocks	= Left frame front of rear wheels
<input type="checkbox"/> FRAME300	Frame rail section external height 300 mm	- RIGID, 1 front axle, Fix, 1/2 w chocks	= Left frame front of (or behind) rear wheels
<input type="checkbox"/> FST6060	Frame section thickness - web 6.0 mm / flange 6.0 mm	<input type="checkbox"/> WHCP-R	Wheel chock(s) in the rear part of the vehicle
<input checked="" type="checkbox"/> FST7070	Frame section thickness - web 7.0 mm / flange 7.0 mm	- RIGID, 1 front axle, Fix, 1/2 w chocks	= Left frame rear (or front) of rear wheels
<input type="checkbox"/> FST8080	Frame section thickness - web 8.0 mm / flange 8.0 mm	<input type="checkbox"/> WHCP-T	Transport mounted wheel chock(s) in cab outer luggage compartment
<input type="checkbox"/> FIL-EEEB	Frame inner liner from end of engine end to end of bogie	<input type="checkbox"/> TB-R80	Right toolbox 800 mm length (mounting length 800 mm, real length 730 mm)
<input type="checkbox"/> FIL-EEEF	Frame inner liner from end of engine end to end of frame	<input type="checkbox"/> SUP-BAS	Standard aluminium bars for side underrun protection
<input type="checkbox"/> FIL-TXEB	Frame inner liner from transmission cross member to end of bogie	<input type="checkbox"/> CHAIN-S	Snow chains
<input type="checkbox"/> FIL-TXEF	Frame inner liner from transmission cross member to end of frame	<input type="checkbox"/> HOOK-SC	Snow chain hooks. Rear mounted for tractors and side mounted in rear overhang for rigids. Two hooks on each side.
<input checked="" type="checkbox"/> BBOX-L	Battery box on left hand side	<input checked="" type="checkbox"/> TOWF-HD1	One heavy duty front towing device
<input type="checkbox"/> 2BAT210B	Gel batteries 2x210 Ah	<input type="checkbox"/> TOWMBRH	High mounted towing member, in centre of frame
<input checked="" type="checkbox"/> 2BATT170	Batteries 2x170 Ah	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame (position 1)
<input type="checkbox"/> 2BATT225	Batteries 2x225 Ah	<input type="checkbox"/> TOWMBRL2	Towing member, low and forward mounted under the frame (position 2)
<input checked="" type="checkbox"/> BATTAMP	Battery voltage and ampere gauge	<input type="checkbox"/> TOWMBRL3	Towing member, low and far forward mounted under the frame, (position 3)
<input type="checkbox"/> BATTIND	Battery voltage, ampere and battery status gauge with visual alerts	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> ADR2	ADR adaptation - transportation of dangerous goods, 2 switches (1 inside cab in dashboard, 1 outside on cab back passenger side).	<input type="checkbox"/> RFEC-L	Rear frame end, lower cut (for centre axle drawbar)
<input type="checkbox"/> MSWI-A	ADR main switch - ADR switch circuit shut down	<input checked="" type="checkbox"/> RFEC-S	Rear frame end, straight cut (for regular platform applications)
<input checked="" type="checkbox"/> MSWI-C	Chassis main switch - battery box placed toggle switch circuit shut down	<input type="checkbox"/> RFEC-U	Rear frame end, upper cut (for e.g. tipper, refuse and hooklift applications)
<input type="checkbox"/> MSWI-R	Remote controlled main switch - key fob operated circuit shut down	<input type="checkbox"/> C-RI4040	Towing coupling Ringfeder RF4040A G-150
<input checked="" type="checkbox"/> R330A71	Right 330 litre aluminium 710 mm high D-shaped diesel tank. Usable volume is 97% of stated volume. Min volume 255l Max volume 885l	<input type="checkbox"/> C-RI4045	Towing coupling Ringfeder RF4045A G-150
<input checked="" type="checkbox"/> UL-FUEL	Without left diesel tank Min volume 160l Max volume 730l	<input type="checkbox"/> C-RI5055	Towing coupling Ringfeder RF5055A G-150
<input type="checkbox"/> ADTP-L	AdBlue tank on left hand side (for dual front axles between the axles)	<input type="checkbox"/> C-RO400G	Towing coupling Rockinger 400 G-150
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank on right hand side	<input type="checkbox"/> C-RO50	Towing coupling Rockinger 50 mm
<input type="checkbox"/> ADB048	AdBlue tank usable volume 48 litres	<input type="checkbox"/> C-VBG750	Towing coupling VBG 750V
<input checked="" type="checkbox"/> ADB064	AdBlue tank usable volume 64 litres	<input type="checkbox"/> C-VBG850	Towing coupling VBG 8500
<input type="checkbox"/> ADB068	AdBlue tank usable volume 68 litres	<input type="checkbox"/> TOWR-ONE	One rear towing device in frame end cross member
<input type="checkbox"/> ADB090	AdBlue tank usable volume 90 litres	<input checked="" type="checkbox"/> TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
<input type="checkbox"/> ADB100	AdBlue tank usable volume 100 litres	<input type="checkbox"/> TREL15	15 pol electrical trailer connector (ADR certified)
<input type="checkbox"/> ADTC-BF	AdBlue tank cover painted in silver metallic	<input type="checkbox"/> TREL7-7	2x7 pol (24N+24S) electrical trailer connectors (UADR)
<input checked="" type="checkbox"/> FCAP-L	Lockable diesel and AdBlue tank caps	<input type="checkbox"/> TBC-DUO	Trailer brake connection, Duomatic
<input checked="" type="checkbox"/> FUFF-AS	Fuel filling anti-spillage device	<input type="checkbox"/> TBC-EC	Trailer brake connection, European Community
<input type="checkbox"/> FUFF-ATS	Fuel filling anti-theft and anti-spillage devices	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ESH-LEFT	Horizontal muffler, left exhaust outlet	<input type="checkbox"/> TRB-STRE	Automatic low speed trailer brake activation (stretch brake) to
<input checked="" type="checkbox"/> ESH-REAR	Horizontal muffler, rear exhaust outlet		
<input type="checkbox"/> ESH-VERT	Horizontal muffler, vertical exhaust outlet on right hand side		
<input type="checkbox"/> ESV-VERT	Vertical muffler, vertical exhaust outlet on right hand side		
<input type="checkbox"/> EXST-SSP	Bright polished vertical stainless steel exhaust top pipe		
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> Optional Equipment	

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

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- avoid jack-knifing and to improve steerability
- RUP-FOLD** Foldable aluminium rear underrun protection, EC approved
- RUP-FOSL** Foldable and slidable aluminium rear underrun protection, EC approved
- RFEND-B** Rear 3 piece fenders with anti-spray function (all rear axles)
- RFEND-T** Transport mounted one-piece rear fenders
- RFH-BAS** Optimal fender installation (rear and 2nd front axle) with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height.
- RFH-HIG** Highest fender installation (rear and 2nd front axle). Suitable for rough and very rough road conditions.
- RFH-LOW** Lower fender installation (rear and 2nd front axle). Suitable only for smooth road conditions. Increased risk of fender top wear.
- ATANK-AL** Aluminium air tanks
- ATANK-ST** Steel air tanks
- TL-LED** LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector).
- BLIGHT-E** Emergency brake light
- FRACLOS** Frame end closing

Rims and Tyres

- RT-AL** Brushed aluminium rims with std holes (long stud fixing) on all axles
- RT-ALDP** Dura-Bright polished aluminium rims with std holes (long stud fixing) on all axles
- RT-ALDPD** Dura-Bright polished aluminium rims with countersunk holes (short stud fixing) on all axles
- RT-ALDU** Brushed aluminium rims with countersunk holes (short stud fixing) on all axles
- RT-STEEL** Steel rims on all axles
- WCAP** Wheel caps
- BRREC002** Bridgestone Ecopia H 002 Evo - Tyre recommendation 2
- COREC001** Continental ECOPLUS HS3 XL/HD3 - Fuel Tyre Recommendation 1
- COREC002** Continental ECOPLUS HS3/HD3 - Fuel Tyre Recommendation 2
- COREC003** FUEL EFFICIENCY CLASS A Continental Efficient Pro S/D - Fuel Tyre Recommendation 3
- GYREC002** Good Year Fuelmax S Gen-2 Long Haul - Tyre Recommendation 2
- GYREC003** Good Year Fuelmax S/(O)/D - Tyre Recommendation 3
- GYREC004** Good Year Fuelmax S Gen2 - Tyre Recommendation 4
- HAREC001** Hankook AL10+ E-Cube Max Long Haul Tire Recommendation 1
- HAREC002** Hankook AL10+ E-Cube Long Haul Tire Recommendation 2
- MIREC001** Michelin XFA2/X-LINE Energy - Fuel Tyre Recommendation 1
- MIREC002** Michelin XZA2/X-LINE Energy - Fuel Tyre Recommendation 2
- MIREC003** Michelin X-LINE Energy - Fuel Tyre Recommendation 3
- MIREC004** FUEL EFFICIENCY CLASS A Michelin X Line Energy F/D2 - Fuel Tyre Recommendation 4
- PIREC001** Pirelli FH:01 Proway - Tyre Recommendation 1
- PIREC002** Pirelli FH:01 II - Tyre Recommendation 2
- SPWT-D** Spare wheel with tyre equal to drive
- SPWT-F** Spare wheel with tyre equal to front wheel
- SWCP-LF** Spare wheel carrier on left side in front of rear axle
- SWCP-R** Spare wheel carrier mounted behind rear axle and below frame
- SWCP-T** Temporary spare wheel carrier. Spare wheel is transport mounted (strapped on top of the frame rails) with plastic stripes.
- SWCP-TP** Spare wheel carrier transport mounted with the spare wheel on top of the frame rails
- JACK-12T** Jack 12 tonnes
- JACK-15T** Jack 15 tonnes
- JACK-20T** Jack 20 tonnes
- TOOL-BAS** Basic tools (combination screw driver, socket wrench)
- TOOLKIT** Extended tool kit

Standard Equipment

Optional Equipment

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- INFLAHOS** Tyre inflation hose (18 metres) with nozzles in both ends
- GAUGE-TP** Tyre pressure gauge
- OBDEP-C** EU6 mandatory on board diagnostics, phase C regulations
- OBDEP-D** EU6 mandatory on board diagnostics, phase D regulations

Powertrain equipment

- TRAP-HD** Reinforced gearbox application. For manual gearboxes a heavy-duty nodular iron range housing. For I-shift gearboxes (2412 excl.) a reinforced gear shifting system.
- TP-BAS** I-shift City gear changing software
- TP-CON** I-shift construction gear changing software
- TP-DIST** I-shift distribution gear changing software
- TP-LONG** I-shift long haul gear changing software
- AMSO-AUT** I-shift manual gear shift available in automatic mode incl kickdown function
- AVO-ENH** Enhanced I-shift software for construction and off road applications
- APF-ENH** Enhanced I-shift PTO functions (Auto Neutral / Reverse Inhibit / Split Box Connection)
- RET-TH** Retarder (incl cooler) for manual and I-shift gearboxes with oil as brake fluid
- RET-TPT** Retarder for hydraulic gearbox
- TC-HWO** Cooler for hydraulic gearboxes - water/oil
- TC-MAOH2** Extra high performance cooler for manual/I-shift gearboxes - air/oil
- TC-MWO** Basic performance cooler for manual/I-Shift gearboxes - water/oil
- TC-MWOH2** High performance cooler for manual/I-Shift gearboxes - water/oil
- 2COM1100** Dual cylinder air compressor 760 cc / 1100 l/min
- 2COMP900** Dual cylinder air compressor 636 cc
- CLU-AIRC** Air compressor clutch automatically disengaged when not needed in order to save fuel
- AIRIN-HI** High air intake
- AIRIN-LO** Low air intake
- ACL1ST-S** Air cleaner with additional filter element (primary + secondary)
- 24AL110B** Alternator 110 Ampere
- 24AL120B** Alternator 120 Ampere
- 24AL150B** Alternator 150 Ampere
- CCV-C** Closed crankcase ventilation
- PRIM-EL** Electrical priming pump for fast and easy bleeding of the fuel system
- PRIM-MAN** Manual priming pump for fast and easy bleeding of the fuel system
- AF-R** Hot fuel recirculation heated fuel filter
- EST-AID** Engine start pre-heating element
- 220EBH15** Engine block heater, 220 volt, 1.5 kW
- PTER-100** Rear engine mounted clutch independent power-take-off with flange connection (DIN 100 / ISO 7646)
- PTER-DIN** Rear engine mounted clutch independent PTO with splined shaft groove (female) for a close coupled pump (DIN 5462 / ISO 7653)
- PTER1400** Rear engine mounted clutch independent power-take-off with flange connection (SAE 1410 / ISO 7647)
- HPE-F101** Rear engine mounted hydraulic pump F1-101, fixed displacement, single flow
- HPE-F41** Rear engine mounted hydraulic pump F1-41, fixed displacement, single flow
- HPE-F51** Rear engine mounted hydraulic pump F1-51, fixed displacement, single flow
- HPE-F61** Rear engine mounted hydraulic pump F1-61, fixed displacement, single flow

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- HPE-F81** displacement, single flow
Rear engine mounted hydraulic pump F1-81, fixed displacement, single flow
 - HPE-T53** Rear engine mounted hydraulic pump F2-53/53, fixed displacement, twin flow
 - HPE-T70** Rear engine mounted hydraulic pump F2-70/35, fixed displacement, twin flow
 - HPE-V45** Rear engine mounted hydraulic pump VP1-45, variable displacement, single flow
 - HPE-V75** Rear engine mounted hydraulic pump VP1-75, variable displacement, single flow
 - PTPT-D** Automatic gearbox driven power take-off, 1 front/upper connection (DIN 5462 / ISO 7653) for plug-in pump (max. 850 Nm).
 - PTPT-F** Automatic gearbox driven Power take-off, 1 front/upper rear facing flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 850 Nm).
 - PTR-D** Mechanical gearbox driven low speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 1000 Nm).
 - PTR-DH** Mechanical gearbox driven high speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
 - PTR-DM** Mechanical gearbox driven medium speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
 - PTR-F** Mechanical gearbox driven low speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 1000 Nm).
 - PTR-FH** Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1310 / ISO 7647) for propeller shaft (max. 600 Nm).
 - PTR-FL** Mechanical gearbox driven low speed power take-off, 1 rear flange connection (SAE 1310 / ISO 7647) for propeller shaft (max. 600 Nm).
 - PTRD-D** Mechanical gearbox driven high speed power take-off, 1 rear and 1 front connections (DIN 5462 / ISO 7653) for plug-in pumps (max. 870 Nm).
 - PTRD-D1** Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft / 1 front connection (DIN 5462 / ISO 7653) for plug-in pump (max. 870 Nm).
 - PTRD-D2** Mechanical gearbox driven power take-off, 2 rear flange (high-low speed) connections (SAE 1310/1410 / ISO 7647) for propeller shafts / 1 front (high speed) connection (DIN 5462 / ISO 7653) for plug-in pump (max. 870/1000 Nm).
 - PTRD-F** Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 870 Nm).
 - HPG-F101** Gearbox mounted hydraulic pump F1-101, fixed displacement, single flow
 - HPG-F41** Gearbox mounted hydraulic pump F1-41, fixed displacement, single flow
 - HPG-F51** Gearbox mounted hydraulic pump F1-51, fixed displacement, single flow
 - HPG-F61** Gearbox mounted hydraulic pump F1-61, fixed displacement, single flow
 - HPG-F81** Gearbox mounted hydraulic pump F1-81, fixed displacement, single flow
 - EIDLESD** Engine idle shut down
- Cab Interior, Driving**
- STWPOS-L** Left hand drive
 - STWM-LE** Leather steering wheel
 - STGW-AD2** Mechanically adjustable steering wheel with neck tilt
 - STGW-ADJ** Mechanically adjustable steering wheel
 - AIRBAG** Airbag on driver side
 - INST-BAS** Basic level instrument cluster - 4 inch monochrome display 240x320 pix
 - DRC-AMII** Regeneration control of diesel filter particulates - auto initiation / manual on demand / manual inhibition
- Standard Equipment**
 - Optional Equipment**
- DRC-AUTO** Regeneration control of diesel filter particulates - fully automatic (in motion)
 - 1DAYDIG** One day digital tachograph, EC approved
 - 1DAYDIG2** Gen 2 one day digital tachograph, EC approved
 - 1DAYDIGP** One day digital tachograph, EC approved + Prep Kit for TAS-DIG2
 - ARSL** Additional road speed limiter (switch in dashboard)
 - SPEED-DU** Dual speed limiter
 - CRUISE-E** Cruise control I-Cruise with controls in the steering wheel, I-Roll incl. Adding PVT-EXT/-MAP give I-See.
 CRUISEC Basic cruise control with controls in steering wheel
 - ESP-BAS1** Electronic Stability Program package intended for RIGID single vehicles or vehicle combinations with standard centre of gravity height when laden and for TRACTOR vehicle combinations with a single trailer or multiple trailers with ABS/EBS.
 - ESPC-RO** ESP (Electronic Stability Program) functionality control - Reduced / Off
 - HWSS-AC** Adaptive cruise control with forward collision warning
 - HWSS-ACB** Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
 - HWSS-FCB** Forward collision warning (stationary and moving objects) with emergency braking
 - LSS-DW** Lane keeping support - lane departure warning system
 - LCS** Lane Change Support
 - DAS-W** Driver Alert Support (drowsy driver warning)
 - RSENS-W** Wiper rain sensor
 - CU-ECC** Fully electrically controlled air conditioning with sun sensor
 - CU-ECC2** Fully electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter
 - CU-MCC** Electrical manually controlled air conditioning
 - IMMOBIL** Immobiliser
 - ALARM-B** Burglar alarm - cab
 - ALARM-E** Burglar alarm - cab/body/trailer
 - ALCOLOCK** Alcolock
 - BUPMON** Back-up monitor including a 7 inch colour display integrated in dashboard, Waeco CCD-camera (delivered loose in cab) with a heated lens, motorised lens protection, 1 m pigtail cable (front) and 10 metres chassis cable for tractor /20 metres for rigid. Camera wirings not installed. Use PCA30081 for installation.
 - PHONE-PK** Telephone preparation kit (antenna, antenna attachment, cable from antenna to radio shelf).
 - WLIFT-AD** Electrical window lift, auto up/down driver side; el operated on passenger side
 - WLIFT-EB** Electrical window lift.
From the driver side both windows can be operated and from the passenger side the passenger side window can be operated.
 - ISUNS-BS** Manually manoeuvred side interior sun visor (roller blind type) on both sides
 - ISUNS-DS** Manually manoeuvred side interior sun visor (roller blind type) on driver side
 - ISUNF-B** Interior front plastic sun visors (driver and passenger side) without mirror on driver side
 - ISUNF-MD** Interior front plastic sun visors (driver and passenger side) with mirror on driver side
 - ISUNF-RE** Electrical textile interior sun visor (roller blind) integrated in front shelf
 - ISUNF-RM** Manual interior textile sun visor (roller-blind) integrated in front shelf
 - ADFS** Two extra DIN slots in front shelf (push/pull storage),

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MODEL RANGE

FMX D11 42 Rigid rear air FM 42 R1HAX

	165x40x180 mm (WxHxD)		
<input type="checkbox"/>	BUPALARM	Back-up alarm	<input type="checkbox"/> FMAT-RUB
<input type="checkbox"/>	RTOLL-PK	Preparation kit for road toll collect (GPS/GSM antenna and cables)	<input type="checkbox"/> FMAT-T2E
<input type="checkbox"/>	LOADIND	Load indicator with dashboard display. Measures axle pressures, load weight and total weight of truck and one trailer.	<input type="checkbox"/> FMAT-TX2
<input type="checkbox"/>	REMC-MF	Wireless remote control - multi functional	<input type="checkbox"/> LBK-RES
<input type="checkbox"/>	FIREXT2G	Fire extinguisher 2 kg, German decal	<input type="checkbox"/> LBK70
<input type="checkbox"/>	FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	<input checked="" type="checkbox"/> ULBK
<input type="checkbox"/>	WARNEST	Warning vest. Fulfils European standard according to EN 471 class 2.	<input type="checkbox"/> MATL-FI
<input checked="" type="checkbox"/>	WARNTRI2	Two warning triangles	<input type="checkbox"/> MATL-SF
<input type="checkbox"/>	AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors	<input type="checkbox"/> OLMAT-BA
<input type="checkbox"/>	AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	<input type="checkbox"/> OLMAT-PR
<input type="checkbox"/>	WARNLAMP	Portable warning lamp with batteries	<input type="checkbox"/> TBK60F
<input type="checkbox"/>	LAMP-IN	Inspection lamp with 10 m cable	<input type="checkbox"/> TBK70F
<input type="checkbox"/>	BULBKIT	Bulb and fuse kit	<input type="checkbox"/> PH-CAB2
<input type="checkbox"/>	WRITEPAD	Writing pad with spring-loaded paper clip	<input type="checkbox"/> PH-ENGCA
			<input type="checkbox"/> PH-SS
			<input type="checkbox"/> SLCP-BAS
			<input type="checkbox"/> SAFE
			<input type="checkbox"/> ETSB-F
			<input type="checkbox"/> ETSB-FR
			<input type="checkbox"/> ETSB-FRS
			<input type="checkbox"/> ETSB-FS
			<input type="checkbox"/> ETSB-R
			<input type="checkbox"/> ETSB-RS
			<input type="checkbox"/> ETSB-S
			<input type="checkbox"/> RUS-BAS
			<input type="checkbox"/> RUS-HIG
			<input type="checkbox"/> TABLE
			<input type="checkbox"/> REF-ICPK
			<input type="checkbox"/> REFR-RUS
			<input type="checkbox"/> MICRO-PK
			<input type="checkbox"/> BOTH-D
			<input type="checkbox"/> COFMA-PK
			<input checked="" type="checkbox"/> INLI-BAS
			<input type="checkbox"/> INLI-NL
			<input type="checkbox"/> INLI-NLD
			<input type="checkbox"/> ARL-FLEX
			<input type="checkbox"/> RH-EE
			<input type="checkbox"/> RH-ETR
			<input type="checkbox"/> RH-MSR
			<input type="checkbox"/> RH-MTR
			<input checked="" type="checkbox"/> URH
			<input type="checkbox"/> SWIND-BS
			<input type="checkbox"/> SWIND-PS

Standard Equipment Optional Equipment

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- **VANMIR** Vanity mirror in front shelf lid.
In sleeper cab on passenger side and in high/extra high cabs in middle section of the front shelf.
- **AS-FUS** One extra shelf in each of the two front upper storage compartments.
Only 1 shelf if microwave oven mounted in one of the two compartments.
- **INFOT-PK** Preparation kit (bracket, security straps, power cable, antenna cable and aux cable) for mounting of a television above driver door.

Cab Exterior

- **PAICS-B** Basic painting in a lightning grey colour of cab surrounding parts (mirror housings, insteps, bumper and if fitted bumper spoiler and sun visor).
If fitted roof air deflector, side air deflector and chassis fairings are always painted in cab colour.
- **GLAS-TIN** Tinted windows (front/side/rear)
- **AWIND-RF** Rear fixed window (without curtains)
- **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 door locking with remote control
- **BUMP-HD** Heavy duty front bumper
- **GUARD-EH** Guard plate for cooling pipes and oil sump
- **SIDEH-B** Guide rail on day cab driver side
- **SIDSTP-R** Side ladder and guide rail on on day cab driver side
- **BUGNET** Radiator screen / Mosquito net (PVC coated fibreglass) in front of radiator
- **CTILT-P-E** Electrical cab tilt pump
- **CTILT-P-M** Manual cab tilt pump
- **FCABS-A** Air front cab suspension
- **FCABS-M** Mechanical cab suspension
- **RCABS-A** Air rear cab suspension
- **RCABS-M** Mechanical rear cab suspension
- **MIRCOMFX** El heated & operated robust main rear view mirrors, electrically heated wide angle mirrors (both sides).
Close view mirror on passenger side.
- **MIRSTDX** Electrically heated robust main rear view mirrors and wide angle mirrors (both sides). Close view mirror on passenger side.
- **AMIR-F20** Front close view mirror above windscreen, passenger side (radius 200 mm)
- **SUNV-H** Exterior transparent dark grey front sun visor
- **AD-ROOF** Roof air deflector. Design (length, height etc.) automatically calculated and varies depending on vehicle total height (chassis height, cab type, tyres etc).
- **AD-SIDEL** Long cab side air deflector
- **AD-SIDES** Short cab side air deflectors
- **HL-BAS2** Halogen H1 head lamps (heavy duty)
- **HL-BASIC** Halogen H7 head lamps
- **HL-BHID2** Bi-Xenon head lamps, high intensity discharged (heavy duty)
- **HL-CLEAN** High pressure headlamp cleaner
- **HLP-ST** Steel headlamp protection
- **HLP-ST2** Steel wire mesh headlamp protection
- **HL-ADJ** Adjustable headlamps to adjust the height of the light beam
- **DRL-LED** V-shaped ("V-light") day running light (LED).
Turned on low beam gives a dimmed "V-light".
- **ASL-RF2** Two Hella H11 70W spot lamps in sign box (one on each side of the Globetrotter sign)

- **ASL-RFPK** Preparation kit for two spot lamps in sign box
- **BEACO2F** Two front roof mounted amber rotating beacon warning lamps. Mounted on accessory bracket if ordered, otherwise on cab roof on both sides of the hatch.
- **BEACO2R** Two rear roof mounted (on accessory bracket) amber warning lamps.
Rotating beacon lamps mounted on sleeper cab.
Flashing LED lamps mounted on high/extra high sleeper cabs.
- **BEACON-P** Prepared wiring (switch and connected relay included) for warning lamps on cab roof.
Max load 300 W.
- **BEACONA4** Four roof mounted amber warning lamps.
2 front mounted (on accessory bracket if ordered) rotating beacon lamps.
2 rear mounted (on mandatory accessory bracket) rotating beacon lamps on sleeper cab.
2 rear mounted (on mandatory accessory bracket) flashing LED lamps on high/xhigh sleeper cabs.
- **CABPT-R1** One front cab roof pass through on passenger side
- **CABPT-R2** Two front cab roof pass throughs, one on each side
- **SPOTP-F** Spotlamp preparation in cab front, max 280W
- **SPOTP-R** Spotlamp preparation on cab roof, max 280W
- **SPOTP-RF** Spotlamp preparation on cab roof and in cab front, max 2x280W
- **ROS-IL** Illuminated roof sign with switch in radio shelf. Switch for turning on/off.
- **ROS-IL2** Preparation kit for installing an illuminated roof sign*. It includes a prerouted cable harness, a switch and LED-lamps. The switch is connected in the radio shelf middle section. Switch cap with icon, are enclosed in cab. Lamps in sign are mounted. The stripe in the Globetrotter window is selected via the cab sign variants
- **ROS-ILP** Wiring preparation kit (wires and switch) for cab sign or roof air deflector illumination
- **CSGN-FMX** FMX decal in the cab roof sign area
- **HORN-F1S** One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons.
- **HORN-R2S** Two roof mounted single tone chromed air horns. Operated by steering wheel buttons.
- **ANT-CBR** Right hand side roof mounted foldable antenna and cables for CB radio, single aerial.
- **ACCBR-AP** Front, middle & rear roof mounted accessory brackets
- **ACCBR-F** Front roof mounted accessory bracket
- **ACCBR-FM** Front & middle roof mounted accessory brackets
- **ACCBR-FR** Front & rear roof mounted accessory brackets
- **ACCBR-M** Middle roof mounted accessory bracket
- **ACCBR-R** Rear roof mounted accessory bracket
- **ACCBR-RM** Rear & middle roof mounted accessory brackets
- **REFS-TW** Reflecting white cab side stripes by-packed in cab
- **REFS-TY** Reflecting yellow cab side stripes by-packed in cab

Superstructure preparations

- **SRWL-PK** Wiring preparation for chassis mounted working lamps and a 3-position switch (On/Off/Reverse auto on).
Max load 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** Four H3 70W white front (2) and rear (2) chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-PK** Wiring preparation for chassis mounted working lamps and a 2-position switch (On/Off). Max load 280W.
- **WL-CHPK** Preparation kit (switch and cable) for working lamp, max 2x70 W. Connector on chassis at gearbox.
- **WLC-H2A** Two H3/70W working lamps with amber coloured lens high mounted back of cab (switch incl).
- **WLC-H2W** Two H3/70W working lamps, white lens high mounted back of cab (switch incl).

■ Standard Equipment

□ Optional Equipment

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- **WLC-PKCH** Preparation kit (cables and switch) for cab mounted chassis working lamp. Max load 280W.
- **WLC-PKH** Preparation kit (cables and switch) for high mounted working lamps back of cab (pass through in cab rear roof included). Max load 280W.
- **WLC-PKL** Preparation kit (cables and switch) for low mounted working lamps back of cab (pass through in cab rear wall included). Max load 280W.
- **WLC-PKLH** Preparation kit (cables and switch) for low and high mounted working lamps back of cab (pass throughs in rear wall and rear roof included). Max load 280W.
- **ECBB-BAS** Body builder electrical centre without any body builder module
- **ECBB-HIG** Body builder electrical centre with cab body builder module
- **BBCHAS1** One 7-pole connector for Body builder interface. Wiring harness routed from the bodybuilder electrical distribution box inside the cab to a connection point inside the right frame rail beside the gearbox.
- **BBCHAS3** Three 7-pole connectors for Body builder interface. Wiring harness routed from the bodybuilder electrical distribution box inside the cab to a connection point inside the right frame rail beside the gearbox.
- **BEPR-T2** Body builder electrical software preparation for tipper with remote control
- **EXSTER** Support for external steering control via body builder module
- **TD-BAS** Trailer detection without LED sensor
- **TD-LED** Trailer detection with LED sensor
- **FRFS-BS** Frame rail free space on both sides to give space for crane legs or other equipment.
One front axle with day cab: 515/507 mm (L/R side).
One front axle with long cab: 288/360 mm (L/R side).
Two front axles with short cab: 632/572 mm (L/R side).
Two front axles with long cab: 405/485 mm (L/R side).
- **FBA-BTF** Lower front body attachments for torsionally flexible platform body
- **FBA-BTSF** Lower front body attachments for torsionally semi-flexible body (van 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, interface for crane capacity up to 10 ton meter
- **CRANEPK2** Crane plates mounted to frame, interface for crane capacity up to 20 ton meter
- **CRANEPK4** Crane plates mounted to frame, interface for crane capacity up to 40 ton meter
- **AUXL-SPK** Electrical preparation kit (wiring and a switch in dashboard) for snow plough lights. Preparation for installation of additional headlights and additional turning indicators.
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit, wire remote operation
- **AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **AESW2PK** Two Body builder bistable electrical switches (marked AUX1/AUX2) and in an empty 4-group preparation another four bistable switches with dummy switch caps
- **AUXSW-4** Wiring for 4 extra hardwired switches (from Body builder electrical centre to switch positions)

Services

- **TGW-4GWL** Telematics gateway with 4G modem
- **FMS-PK** Fleet Management System gateway, preparation kit
- **DRUT** My truck app gives the driver instant status information and control of the vehicle remotely from a smartphone or tablet. The variant enables the My truck app to connect to the vehicle.

VOLVO

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