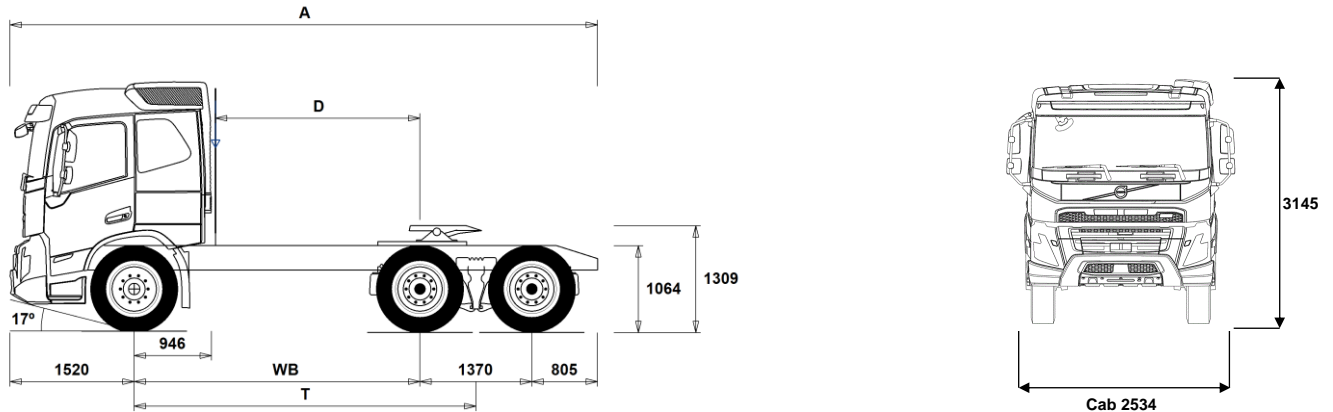


MODEL RANGE



Volvo Trucks. Driving Progress

New FMX D11 64 Tractor Diesel Rear Air FMX 64T 1A



Chassis Dimensions [mm]

WB Wheelbase	3000	3200	3400	3600	3900
A Overall Chassis Length	6695	6895	7095	7295	7595
D Center of rear axle to back of cab	2004	2204	2404	2604	2904
T Theoretical Wheelbase	3685	3885	4085	4285	4585

Chassis Weights [kg]

Front Axle	4670	4685	4705	4720	4740
Rear Bogie	3555	3560	3570	3580	3590
Kerb Weight	8225	8245	8275	8300	8330

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13400	14000	14600	15200	16100
Turning Circle Diameter Wall to Wall	14800	15400	16000	16600	17600

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	25700	29000
Gross Combination Weight	52700	70000
Front Axle	7700	8000
Rear Bogie	18000	21000

Important Notes

Chassis Dimensions

Cab Height: -16 mm for CAB-DAY, +312 mm for CAB-HSLP, -278 mm for CAB-LDAY, -278 mm for CAB-LSLP.

Front Axle to Back of Cab: +87 mm for CAB-DAY, -500 mm for CAB-LDAY, -6 mm for CAB-LSLP.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

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

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 FMX64T1A.

MODEL RANGE

New FMX D11 64 Tractor Diesel Rear Air FMX 64T 1A

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.

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **FMX-DAY5** FMX Day cab
- **FMX-HSL5** FMX Globetrotter sleeper cab
- **FMX-LDA5** FMX Low Day cab
- **FMX-LSL5** FMX Low sleeper cab
- **FMX-SLP5** FMX Sleeper cab
- **EU3** Euro 3 engine emission level
- **EU5SCR-M** Euro 5 emission level with Selective Catalytic Reduction (SCR)
- **D11A330** Diesel engine, 10.8 litre Euro 3, 330 hp, 1650 Nm
- **D11A370** Diesel engine, 10.8 litre Euro 3, 370 hp, 1770 Nm
- **D11C330** Diesel engine, 10.8 litre Euro 4/5 SCR, 330 hp, 1600 Nm
- **D11C370** Diesel engine, 10.8 litre Euro 4/5 SCR, 370 hp, 1750 Nm
- **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)
- **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
- **TAAXLIFT** Tandem axle lift for driven bogie axle
- **RTH2610F** Rear hub reduction tandem axles - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTS2310A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW100 tonnes
- **RTS2370A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 70 tonnes

Packages

- **DRIVE5** Driving package
- **DRIVE5+** Driving plus package
- **DRIVE5++** Driving plus/plus package
- **1LIVINFM** Living package 1 person
- **2LIVINFM** Living package 2 persons
- **INFOBAS** Information package, basic
- **INFODF** Information package prepared for Dynafleet vehicle onboard support
- **INFOMED** Information package, medium
- **INFONDF** Information package with Navigation support and prepared for Dynafleet vehicle onboard support
- **INFOPK** Information prepkit package including tweeter,dashboard and door speaker,basic level instrument clus
- **SAFETY** Safety package VTI Markets
- **SAFETY+** Safety + package VTI Markets

■ 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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Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** 2 leaf front parabolic suspension (normal stiffness)
- **FST-PAR3** 3 leaf front parabolic suspension (stiffer than normal)
- **FSL5-BAS** Front air suspension basic levelling stroke
- **FSL5-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
- **F5M-LUB** Lubricated front suspension pins and bushings
- **F5TAB** Front stabilizer with normal stiffness
- **F5TAB2** Front stabilizer with medium high stiffness
- **F5TAB3** Front stiff stabilizer
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **R5TAB1** Rear stabilizer with normal stiffness
- **R5TAB3** Rear stiff stabilizer
- **RALIM105** First rear drive axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear drive axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear drive axle load limiter, 15 tonnes
- **RALIM95** First rear drive axle load limiter, 9.5 tonnes
- **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-OG** Volvo Dynamic Steering stability assist
- **ASFE-PO** Volvo Dynamic Steering personal settings, stability assist
- **ASFE-PS** Volvo Dynamic Steering personal settings
- **P5S-SING** Single power steering system
- **P5P-FIX** Power steering pump with fixed displacement
- **P5P-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
 - Brake Temperature Warning
 - External Brake Demand
 - Diagnosis Via Truck Electronic System
 - Traction Control System
 - Emergency Brake Assistance
 - Constant Wheel Brake Monitoring
 - Coupling Force Control
 - Automatic Parking Brake Activation
 - Lining Wear Analyses (calc of remaining mileage)
 - Hill Starting Assistance
 - EBS status monitoring via Truck Electronic System
- **EBS-STD** EBS (Electronic Brake System) standard 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
 - Brake Temperature Warning
 - External Brake Demand
 - Diagnosis Via Truck Electronic System
 - Traction Control System

MODEL RANGE

New FMX D11 64 Tractor Diesel Rear Air FMX 64T 1A

	- Emergency Brake Assistance		- TRACTOR, BBOX-EF, Fold, 1/2 w chocks	= Top of
	- Constant Wheel Brake Monitoring		lefts side fuel tank	
	- Coupling Force Control		- TRACTOR, BBOX-EF, Fix, 2 w chocks	= Left
	- Automatic Parking Brake Activation		frame front of fuel tank	
<input type="checkbox"/> AUXPARK	Two extra parking brake chambers		- RIGID, 1 front axle, Fold, 1/2 w chocks	= Top of left
<input checked="" type="checkbox"/> FRAME300	Frame rail section external height 300 mm		side battery box	
<input checked="" type="checkbox"/> FST7070	Frame section thickness - web 7.0 mm / flange 7.0 mm		- RIGID, 2 front axles, Fold, Frame free space, 2 wc	= Top of
<input type="checkbox"/> FST8080	Frame section thickness - web 8.0 mm / flange 8.0 mm		left side battery box	
<input type="checkbox"/> FIL-EEEE	Frame inner liner from end of engine end to end of bogie	<input type="checkbox"/> WHCP-M	Wheel chock(s) in the middle part of the vehicle	
<input checked="" type="checkbox"/> FIL-TXEB	Frame inner liner from transmission cross member to end of bogie		- TRACTOR, BBOX-L, Fix, 1/2 w chocks	= Left frame front
<input type="checkbox"/> BBOX-EF	Battery box at end of frame when single battery system. Starter battery box on left hand side when dual battery system.	<input type="checkbox"/> WHCP-T	of rear wheels	
<input checked="" type="checkbox"/> BBOX-L	Battery box on left hand side		- RIGID, 1 front axle, Fix, 1/2 w chocks	= Left frame front of
<input type="checkbox"/> 2BAT210B	Gel batteries 2x210 Ah	<input type="checkbox"/> TB-L80	(or behind) rear wheels	
<input type="checkbox"/> 2BAT210C	AGM batteries 2x210 Ah		Transport mounted wheel chock(s) in cab outer luggage compartment	
<input type="checkbox"/> 2BATT170	Batteries 2x170 Ah	<input type="checkbox"/> TB-R80	Left toolbox 800 mm length (mounting length 800 mm, real length 730 mm)	
<input checked="" type="checkbox"/> 2BATT225	Batteries 2x225 Ah		Right toolbox 800 mm length (mounting length 800 mm, real length 730 mm)	
<input checked="" type="checkbox"/> BATTAMP	Battery voltage and ampere gauge	<input type="checkbox"/> SUP-BAS	Standard aluminium bars for side underrun protection	
<input type="checkbox"/> BATTIND	Battery voltage, ampere and battery status gauge with visual alerts	<input type="checkbox"/> SUP-LOW	Low side underrun protection	
<input type="checkbox"/> ADR1	ADR adaptation - transportation of dangerous goods, 1 switch (inside cab in dashboard).	<input type="checkbox"/> CHAIN-S	Snow chains	
<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"/> HOOK-SC	Snow chain hooks.	
<input type="checkbox"/> MSWI-A	ADR main switch - ADR switch circuit shut down		Rear mounted for tractors and side mounted in rear overhang for rigids. Two hooks on each side.	
<input checked="" type="checkbox"/> MSWI-C	Chassis main switch - battery box placed toggle switch circuit shut down	<input checked="" type="checkbox"/> TOWF-HD1	One heavy duty front towing device	
<input type="checkbox"/> MSWI-R	Remote controlled main switch - key fob operated circuit shut down	<input checked="" type="checkbox"/> RFEC-B	Rear frame end, bent (standard for tractor vehicles)	
<input checked="" type="checkbox"/> R490A71	Right 490 litre aluminium 710 mm high D-shaped diesel tank. Usable volume is 97% of stated volume. Min volume 150l Max volume 810l	<input type="checkbox"/> TOWR-ONE	One rear towing device in frame end cross member	
<input checked="" type="checkbox"/> L210A71	Left 210 litre aluminium 710 mm high D-shaped diesel tank. Usable volume is 97% of stated volume. Min volume 160l Max volume 620l	<input checked="" type="checkbox"/> TREL15	15 pol electrical trailer connector (ADR certified)	
<input type="checkbox"/> ADTP-BC	AdBlue tank behind/under cab on right hand side	<input type="checkbox"/> TREL7	7 pol electrical trailer connector (24N)	
<input type="checkbox"/> ADTP-L	AdBlue tank on left hand side (for dual front axles between the axles)	<input type="checkbox"/> TREL7-7	2x7 pol (24N+24S) electrical trailer connectors (UADR)	
<input type="checkbox"/> ADTP-R	AdBlue tank on right hand side	<input type="checkbox"/> TBC-DUO	Trailer brake connection, Duomatic	
<input type="checkbox"/> ADB048	AdBlue tank usable volume 48 litres	<input type="checkbox"/> TBC-EC	Trailer brake connection, European Community	
<input type="checkbox"/> ADB050	AdBlue tank usable volume 50 litres	<input checked="" type="checkbox"/> TBC-GBR	Trailer brake connection, Great Britain	
<input type="checkbox"/> ADB064	AdBlue tank usable volume 64 litres	<input checked="" type="checkbox"/> TRBR-STA	Stationary trailer brake control	
<input type="checkbox"/> ADB068	AdBlue tank usable volume 68 litres	<input checked="" type="checkbox"/> TRB-STRE	Automatic low speed trailer brake activation (stretch brake) to avoid jack-knifing and to improve steerability	
<input type="checkbox"/> ADB090	AdBlue tank usable volume 90 litres	<input type="checkbox"/> RFEND-B	Rear 3 piece fenders with anti-spray function (all rear axles)	
<input type="checkbox"/> ADTC-BF	AdBlue tank cover painted in silver metallic	<input checked="" type="checkbox"/> RFH-BAS	Optimal fender installation (rear and 2nd front axle) with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height.	
<input checked="" type="checkbox"/> FCAP-L	Lockable diesel and AdBlue tank caps	<input type="checkbox"/> RFH-HIG	Highest fender installation (rear and 2nd front axle). Suitable for rough and very rough road conditions.	
<input type="checkbox"/> FUFF-AS	Fuel filling anti-spillage device	<input type="checkbox"/> RFH-LOW	Lower fender installation (rear and 2nd front axle). Suitable only for smooth road conditions. Increased risk of fender top wear.	
<input type="checkbox"/> FUFF-ATS	Fuel filling anti-theft and anti-spillage devices	<input checked="" type="checkbox"/> ATANK-AL	Aluminium air tanks	
<input type="checkbox"/> ESH-LEFT	Horizontal muffler, left exhaust outlet	<input type="checkbox"/> ATANK-ST	Steel air tanks	
<input type="checkbox"/> ESH-REAR	Horizontal muffler, rear exhaust outlet	<input checked="" type="checkbox"/> 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).	
<input checked="" type="checkbox"/> ESH-RIGH	Horizontal muffler, right exhaust outlet	<input type="checkbox"/> BLIGHT-E	Emergency brake light	
<input type="checkbox"/> ESH-VERT	Horizontal muffler, vertical exhaust outlet on right hand side	<input type="checkbox"/> FRACLOS	Frame end closing	
<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 type="checkbox"/> EXST-ST	Aluminized steel vertical exhaust top pipe			
<input type="checkbox"/> WHC-FIX2	Two fixed wheel chocks			
<input type="checkbox"/> WHC-FOL2	2 foldable wheel chocks			
<input type="checkbox"/> WHCP-F	Wheel chock(s) in the front part of the vehicle. - TRACTOR, BBOX-L, Fold, 1/2 w chocks = Top of left side battery box			

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

New FMX D11 64 Tractor Diesel Rear Air FMX 64T 1A

- RT-ALP** Polished aluminium rims with std holes (long stud fixing) on all axles
 - RT-ALPDU** Polished aluminium rims with countersunk holes (short stud fixing) on all axles
 - RT-SPOKE** Spoke rims on all axles
 - RT-STEEL** Steel rims on all axles
 - WCAP** Wheel caps
 - 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-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
 - INFLAHOS** Tyre inflation hose (18 metres) with nozzles in both ends
 - GAUGE-TP** Tyre pressure gauge
- 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.
 - DRM-BE** I-Shift drive mode balanced economy
 - DRM-E** I-Shift drive mode economy
 - PVT-BAS** Basic topography information, learning by GPS positioning
 - PVT-EXT** Extended topography information, learning by GPS positioning and centrally stored data
 - PVT-MAP** Map based topography information using a high resolution commercial topography map
 - CRUIS-E** Cruise control I-Cruise with controls in the steering wheel, I-Roll incl. Adding PVT-EXT/-MAP give I-See.
 - CRUIS-E4** Fleet and fuel optimized cruise control limiting driver influence, including I-Roll
 - CRUIS-E5** Fuel Economy optimized cruise control for I-save with driver influence, incl I-ROLL
 - CRUISEC** Basic cruise control with controls in steering wheel
 - 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-MWOH2** High performance cooler for manual/I-Shift gearboxes - water/oil
 - 2COM1080** Dual cylinder air compressor 704 cc / 1080 l/min
 - 2COM1100** Dual cylinder air compressor 760 cc / 1100 l/min
 - 2COMP900** Dual cylinder air compressor 636 cc
 - CLU-AIRC** Air compressor clutch automatically declutched 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
 - CCV-O** Open 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
 - FUEQ-EH** Fuel line electric heater
 - AF-E** Electrically heated fuel filter
 - AF-R** Hot fuel recirculation heated fuel filter
 - FUEFE2LW** Large engine mounted dual fuel filter with water separator and drain. Suitable when poor (e.g. high sulphur content) fuel quality (normally not in Western Europe).
 - EST-AID** Engine start pre-heating element
 - 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
 - HPE-F81** 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).

Standard Equipment

Optional Equipment

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- 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-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
- Cab Interior, Driving**
- **STWPOS-R** Right 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** 24-HDV - Instrumentation, high performance 12" fully dynamic instrument cluster.
CLASS-HDV - Basic level instrument cluster - 4 inch monochrome display 240x320 pix
 - 1DAYB** One day analogue tachograph, basic
 - 1DAYDIG** One day digital tachograph, EC approved
 - 1DAYDIG2** Gen 2 one day digital tachograph, EC approved
 - **TAC-PK2** Preparation kit tachograph, TAS-PK, TAC-PK
 - ARSL** Additional road speed limiter (switch in dashboard)
 - **ACCLF-D** Volvo torque assist - Disabled
 - 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.
 - 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-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
- PHONE-PK** Telephone preparation kit (antenna, antenna attachment, cable from antenna to radio shelf).
 - 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), 165x40x180 mm (WxHxD)
 - BUPALARM** Back-up alarm
 - RTOLL-PK** Preparation kit for road toll collect (GPS/GSM antenna and cables)
 - LOADIND** Load indicator with dashboard display. Measures axle pressures, load weight and total weight of truck and one trailer.
 - **FIREXT3S** The fire extinguisher is an important part of the safety equipment. It is extremely reliable, has a high capacity and withstands temperatures down to -30°C. The fire extinguisher manages to extinguish fires in electrical systems and brakes. It is located on the driver side*, beside the seat, which makes it easy to reach in case of an accident. The placement of the fire extinguisher may vary depending on the specification, but it is always easily reachable by the driver.
 - WARNVEST** Warning vest. Fulfils European standard according to EN 471 class 2.
 - **WARNTRI2** Two warning triangles
 - AIDKIT** First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors
 - AIDKIT1B** First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
 - WARNLAMP** Portable warning lamp with batteries
 - LAMP-IN** Inspection lamp with 10 m cable
 - **BULBKIT** Bulb and fuse kit
 - WRITEPAD** Writing pad with spring-loaded paper clip
- Cab Interior, Living**
- DST-CF1** Driver seat, comfort, suspended
 - **DST-CF4** Driver seat, comfort, suspended, belt in seat
 - DST-CF5** Driver seat, comfort, suspended, belt in seat, electrically heated
 - DST-CF6** Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated
 - SBD-RED** Red safety belts, passenger and driver seats
 - SBPRE-DS** Driver seat belt pretensioner
 - **PST-BAS1** Passenger seat, basic, non suspended
 - PST-CF4** Passenger seat, comfort, suspended, belt in seat
 - PST-CF5** Passenger seat, comfort, suspended, belt in seat, electrically heated
 - PST-STD2** Passenger seat, regular, non suspended
 - PST-STD4** Passenger seat, regular, suspended

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

New FMX D11 64 Tractor Diesel Rear Air FMX 64T 1A

- SBPRE-PS** Passenger seat belt pretensioner
- ARMRE-BB** Two armrests on both driver and passenger seats
- ARMRE-DB** Two armrests on driver seat
- ARMRE-PB** Two armrests on passenger seat
- ARU-BAS** Vinyl armrest upholstery
- ARU-LEA** Leather armrest upholstery
- FMAT-RUB** Two black rubber floor mats
- FMAT-TX2** Two textile (dark grey on FH/FM, black on FH16) and two black rubber floor mats
- LBK70** Lower fixed bunk, not foldable - 2000x700 mm. Safety net included.
- MATL-FI** Mattress lower bunk - firm for over approx. 100 kg, pocket springs.
- MATL-SF** Mattress lower bunk - semi-firm up to approx 100 kg, pocket springs.
- OLMAT-BAS** Overlay mattress protector, 28 mm thick black textile
- OLMAT-PR** Overlay mattress protector, 35 mm thick black textile
- TBK60F** Fixed top bunk 600x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included.
- TBK70F** Fixed top bunk 700x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included.
- PH-CAB2** Cab parking heater, 2 kW
- PH-ENGCA** Engine and cab parking heater
- PH-SS** Short stop heater
- SLCP-BAS** Basic sleeper control panel (controlling interior light, parking heater, roof hatch and door lock)
- ETSB-F** Storage on engine tunnel - on front top
- ETSB-FR** Storage on engine tunnel - on front top and at rear cab wall
- ETSB-FRS** Storage on engine tunnel - on front top & at rear cab wall & storage immersed into tunnel on RH side
- ETSB-FS** Storage on engine tunnel - on front top and storage immersed into tunnel on right hand side
- ETSB-R** Fixed engine tunnel storage box at rear cab wall
- ETSB-RS** Storage on engine tunnel - at rear cab wall and storage immersed into tunnel on right hand side
- ETSB-S** Storage on engine tunnel - immersed 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)
- REF-ICPK** Refrigerator preparation kit, engine tunnel mounted
- REFR-RUS** 28 litre rear upper wall mounted refrigerator with deviders
- MICRO-PK** Preparation kit for microwave oven (el. cables to front shelf)
- BOTH-D** One 1.5 litre plastic soft-drink bottle holder under dashboard centre section
- COFMA-PK** Preparation kit (24V) for coffee maker
- INLI-BAS** Interior white light with smooth light transition at on/off, no dimming
- INLI-NL** Interior white and red (night) light with smooth light transition at on/off
- INLI-NLD** Interior white and red (night) light with smooth light transition at on/off and dimmer
- ARL-FLEX** Two (driver and passenger side) reading lamps with flexible arms (snake lamps) and led lamps fitted on side walls
- RH-EE** Without roof hatch, sky window / emergency exit (tinted glass)
- RH-ER** Roof hatch - Electrically operated / steel / emergency exit handle
- RH-ETR** Roof hatch - Electrically operated / Tinted glass / Rear opening
- RH-MTR** Roof hatch - Manually operated / Tinted glass / Rear opening
- GLAS-TIN** Tinted windows (front/side/rear)
- GLAS-UNT** Untinted windows
- SWIND-BS** Extra side window on both sides
- SWIND-PS** Rear side window on passenger side
- AWIND-RF** Rear fixed window (without curtains)
- 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

- EXTL-BAS** NEW-HDV: Exterior trim level basic
CLASS-HDV: Basic exterior finish 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.
- DGLAS-H** Tempered door glass
- DGLAS-L** Laminated door glass
- LOCK-CTL** Central door locking
- LOCK-REM** Central door locking with remote control
- BUMP-HD** Heavy duty front bumper
- AUXFS** Extra cab side foot-step
- 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
- MIRCFCPX** Electrically heated and operated rear view mirrors with a wide angle section on both sides and kerb observation mirror on the passenger side. Passenger corner camera in the mirror bracket at the passenger side.
- MIRCOMFX** El heated & operated robust main rear view mirrors, electrically heated 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
- AD-CHASX** Chassis side skirts
- ADCF-F** Additional flap on chassis fairings
- HL-BASIC** Halogen H7 head lamps
- 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".

■ Standard Equipment

□ Optional Equipment

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<input type="checkbox"/> UDRL	Without day running light (dimmed V-light)	<input type="checkbox"/> 5WT-SH2	SAF-Holland/+GF+ SK-HD 38.36 cast iron heavy duty fixed fifth wheel
<input checked="" type="checkbox"/> UDRIVL	Without auxiliary front driving lamps	<input checked="" type="checkbox"/> 5WL-S1	Fifth wheel lubrication - locking mechanism and top plate
<input type="checkbox"/> ASL-RF2	Two Hella H11 70W spot lamps in sign box (one on each side of the Globetrotter sign)	<input type="checkbox"/> TCIND	Trailer connection indication with sensors for height, kingpin and coupling lock
<input type="checkbox"/> IDLAMP-A	Three middle front roof mounted amber identification lamps	<input checked="" type="checkbox"/> RDECK	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
<input type="checkbox"/> IDLAMP-W	Three middle front roof mounted white identification lamps	<input type="checkbox"/> RDECK-M	Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
<input type="checkbox"/> IDLMPSW	Switch in cab for identification lamps	<input type="checkbox"/> SRWL-2RA	Two H3 35W amber rear chassis mounted (LH/RH side) working lamps and a 3-position switch (On/Off/Reverse auto on)
<input type="checkbox"/> BEACOA2F	Two LED warning lights on the cab front	<input type="checkbox"/> SRWL-2RW	Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 3-position switch (On/Off/Reverse auto on)
<input type="checkbox"/> BEACOA2R	Two LED warning lights on the cab rear	<input type="checkbox"/> SRWL-PK	Wiring preparation for chassis mounted working lamps and a 3-position switch (On/Off/Reverse auto on). Max load 280W.
<input checked="" type="checkbox"/> BEACON-P	Preparation kit	<input type="checkbox"/> SWL-2RA	Two H3 35W amber rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
<input type="checkbox"/> BEACONA4	Four LED warning lights on the cab front-rear	<input type="checkbox"/> SWL-2RW	Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
<input type="checkbox"/> CABPT-R1	One front cab roof pass through on passenger side	<input type="checkbox"/> SWL-PK	Wiring preparation for chassis mounted working lamps and a 2-position switch (On/Off). Max load 280W.
<input checked="" type="checkbox"/> CABPT-R2	Two front cab roof pass throughs, one on each side	<input type="checkbox"/> WL-TA1A	Trailer arch working lamp with amber coloured lens and H3/35W bulb
<input checked="" type="checkbox"/> SPOTP-F	Spotlamp preparation in cab front, max 280W	<input checked="" type="checkbox"/> WL-TA1W	Trailer arch working lamp with white lens and LED/70W bulb
<input type="checkbox"/> SPOTP-R	Spotlamp preparation on cab roof, max 280W	<input type="checkbox"/> WLC-H2A	Two H3/70W working lamps with amber coloured lens high mounted back of cab (switch incl).
<input type="checkbox"/> SPOTP-RF	Spotlamp preparation on cab roof and in cab front, max 2x280W	<input type="checkbox"/> WLC-H2W	Two H3/70W working lamps, white lens high mounted back of cab (switch incl).
<input type="checkbox"/> ROS-IL	Illuminated roof sign with switch in radio shelf. Switch for turning on/off.	<input type="checkbox"/> 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.
<input type="checkbox"/> 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	<input type="checkbox"/> 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.
<input type="checkbox"/> ROS-ILP	Wiring preparation kit (wires and switch) for cab sign or roof air deflector illumination	<input type="checkbox"/> 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.
<input type="checkbox"/> CSGN-FMX	FMX decal in the cab roof sign area	<input type="checkbox"/> ECBB-BAS	Body builder electrical centre without any body builder module
<input checked="" type="checkbox"/> HORN-F1S	One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons.	<input checked="" type="checkbox"/> ECBB-HIG	Body builder electrical centre with cab body builder module
<input type="checkbox"/> HORN-R2S	Two roof mounted single tone chromed air horns. Operated by steering wheel buttons.	<input type="checkbox"/> 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.
<input type="checkbox"/> ANT-CBR	Right hand side roof mounted foldable antenna and cables for CB radio, single aerial.	<input type="checkbox"/> 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.
<input type="checkbox"/> ACCB-R-AP	Front, middle & rear roof mounted accessory brackets	<input type="checkbox"/> BEPR-T2	Body builder electrical software preparation for tipper with remote control
<input type="checkbox"/> ACCB-R-F	Front roof mounted accessory bracket	<input type="checkbox"/> EXSTER	Support for external steering control via body builder module
<input type="checkbox"/> ACCB-R-FM	Front & middle roof mounted accessory brackets	<input type="checkbox"/> TD-BAS	Trailer detection without LED sensor
<input type="checkbox"/> ACCB-R-FR	Front & rear roof mounted accessory brackets	<input checked="" type="checkbox"/> TD-LED	Trailer detection with LED sensor
<input type="checkbox"/> ACCB-R-M	Middle roof mounted accessory bracket	<input type="checkbox"/> 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.
<input type="checkbox"/> ACCB-R-R	Rear roof mounted accessory bracket	<input type="checkbox"/> TAILPRE2	Tail lift preparation kit, wireless remote operation
<input type="checkbox"/> ACCB-R-RM	Rear & middle roof mounted accessory brackets	<input type="checkbox"/> AESW2	Two Body builder bistable electrical switches (marked AUX1 / AUX2)
<input type="checkbox"/> LADDER	Ladder back of cab	<input type="checkbox"/> 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
<input type="checkbox"/> REFS-TY	Reflecting yellow cab side stripes by-packed in cab	<input type="checkbox"/> AUXSW-4	Wiring for 4 extra hardwired switches (from Body builder electrical centre to switch positions)
Superstructure preparations			
<input type="checkbox"/> 5WM-ISHD	Fifth wheel ISO mounting on 16 mm mounting plates for heavy duty applications		
<input checked="" type="checkbox"/> 5WM-ISOM	Fifth wheel ISO mounting on medium L-profiles (t=8 mm) with 10 mm ISO tie plate. L-profile height above frame = 50 mm. Total height above frame 60 mm.		
<input type="checkbox"/> 5WM-MASM	Fifth wheel mounting on adjustable manual slider and medium L-profiles (t=8 mm). Saddle not included. Total height above frame 50 mm. Specified fifth wheel position always gives rearmost position.		
<input type="checkbox"/> 5WH150	Fifth wheel leg-height 150 mm		
<input checked="" type="checkbox"/> 5WH185	Fifth wheel leg-height 185 mm		
<input type="checkbox"/> 5WH190	Fifth wheel leg-height 190 mm		
<input type="checkbox"/> 5WH290	Fifth wheel leg-height 290 mm		
<input type="checkbox"/> 5WT-JO11	Jost JSK 38G cast iron heavy duty fixed fifth wheel		
<input checked="" type="checkbox"/> 5WT-JO8	Jost JSK 37 cast iron fixed fifth wheel		
<input type="checkbox"/> 5WT-JO9	Jost JSK 42 cast iron fixed fifth wheel		
<input type="checkbox"/> 5WT-JOHD	Jost JSK 38C cast iron heavy duty fixed fifth wheel		
<input type="checkbox"/> 5WT-SH	SAF-Holland/+GF+ SK-S 36.20 V cast iron fixed fifth wheel		
<input checked="" type="checkbox"/> Standard Equipment <input type="checkbox"/> Optional Equipment			

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Services

- **TGW-4GWL** Telematics gateway with 4G modem
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet Management System gateway, preparation kit
- **DRUT2** My Truck connects the vehicle to the smartphone app, 2 year prepaid subscription

VOLVO

Volvo Truck Corporation
volvotrucks.com