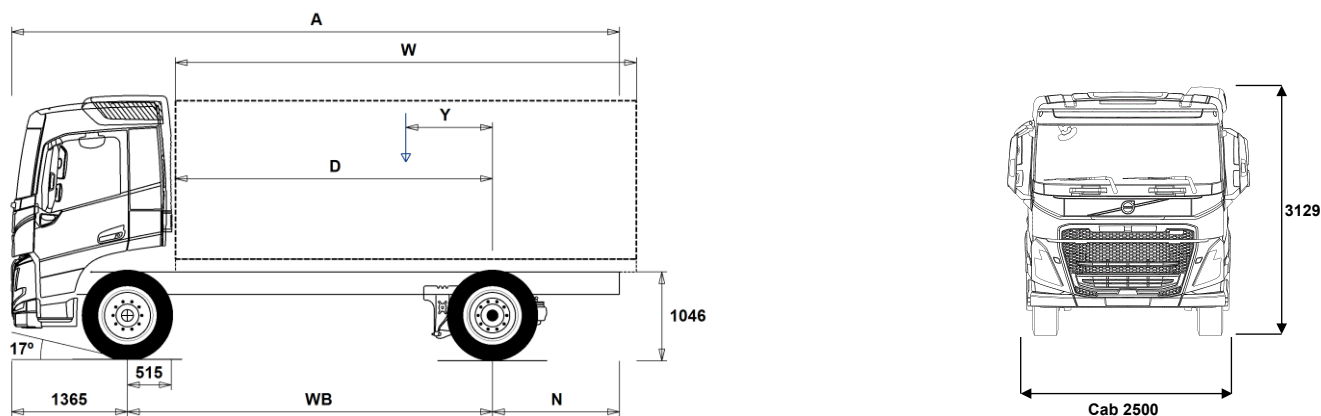


MODEL RANGE

FM D11 42 Rigid Diesel Rear Air FM 42R 1A



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000	6300	6500	6700
A Overall Chassis Length	6660	7110	7510	8010	8510	8960	9460	10060	10660	11210	11560	11810
D Center of rear axle to front of body	2835	3135	3435	3735	4035	4335	4635	5035	5435	5735	5935	6135
N Rear Overhang (Min.)	795	795	795	795	795	795	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.)	657	718	777	838	898	959	1019	1099	1176	1230	1276	1310
Y Center of Gravity for Payload (Max.)	657	718	777	838	898	959	1019	1099	1176	1230	1276	1310
W Body Length (Min.)	4357	4835	5317	5796	6275	6753	7233	7874	8520	9012	9320	9651
W Body Length (Max.)	4357	4835	5317	5796	6275	6753	7233	7874	8520	9012	9320	9651

Chassis Weights [kg]

Front Axle	4425	4420	4425	4425	4430	4425	4435	4440	4455	4485	4465	4480
Rear Axle	1825	1865	1900	1940	1980	2010	2050	2085	2130	2205	2195	2215
Kerb Weight	6250	6285	6325	6365	6410	6435	6485	6525	6585	6690	6660	6695
Payload (including body, driver, fuel, etc.)	13850	13815	13775	13735	13690	13665	13615	13575	13515	13410	13440	13405

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	13800	14800	15700	16600	17500	18400	19400	20600	21800	22700	23300	23900

Plated Weights [kg]

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

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.

Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.

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

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

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

Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

Height change when chassis height CHH-MED, 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 FM42R1A.

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Transport operation

- ☐ **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- ☐ **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- ☐ **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- ☐ **CHH-LOW** Chassis height low - approx. 850 mm above ground level
- ☐ **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- ☐ **CHH-XLOW** Chassis height extra low - approx. 810 mm above ground level
- **RAD-GR** Rear air suspension - one axle, driving
- ☐ **CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
- ☐ **FM-CREW** FM crew cab (free-text CA needed)
- **FM-DAY6** FM day cab
- ☐ **FM-HSLP6** FM Globetrotter, high sleeper cab
- ☐ **FM-LDAY6** FM low day cab
- ☐ **FM-LSLP6** FM low sleeper cab
- ☐ **FM-SLP6** FM sleeper cab
- ☐ **EU3** Euro 3 emission level
- ☐ **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- ☐ **EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D11S330A** Diesel engine, Euro 6, 10.8 litres, 330 hp/246 kW, 1600 Nm
- **D11S380A** Diesel engine, Euro 6, 10.8 litres, 380 hp/279 kW, 1800 Nm
- **D11S430A** Diesel engine, Euro 6, 10.8 litres, 430 hp/317 kW, 2050 Nm
- **D11S460A** Diesel engine, Euro 6, 10.8 litres, 460 hp/338 kW, 2200 Nm
- ☐ **D11A330** Diesel engine, Euro 3, 10.8 litres, 330 hp/243 kW, 1600 Nm
- ☐ **D11A370** Diesel engine, Euro 3, 10.8 litres, 370 hp/273 kW, 1770 Nm
- ☐ **D11A430** Diesel engine, Euro 3, 10.8 litres, 430 hp/317 kW, 1970 Nm
- ☐ **D11C330** Diesel engine, Euro 4/5, 10.8 litres, 330 hp/243 kW, 1600 Nm
- ☐ **D11C370** Diesel engine, Euro 4/5, 10.8 litres, 370 hp/273 kW, 1750 Nm
- ☐ **D11C410** Diesel engine, Euro 4/5, 10.8 litres, 410 hp/302 kW, 1950 Nm
- ☐ **D11C450** Diesel engine, Euro 4/5, 10.8 litres, 450 hp/332 kW, 2150 Nm
- **D11K330** Diesel engine, Euro 6, 10.8 litres, 330 hp/243 kW
- ☐ **D11K380** Diesel engine, Euro 6, 10.8 litres, 380 hp/280 kW
- ☐ **D11K430** Diesel engine, Euro 6, 10.8 litres, 430 hp/317 kW
- ☐ **D11K460** Diesel engine, Euro 6, 10.8 litres, 460 hp/338 kW
- ☐ **EBR-EPG** Engine brake with exhaust pressure governor
- ☐ **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- ☐ **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- ☐ **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- ☐ **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- ☐ **PT2106** Powertronic 6-speed powershift gearbox, 2100 Nm
- ☐ **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
- **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- ☐ **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- ☐ **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- ☐ **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C

Packages

- ☐ **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- ☐ **FST-AIR** Front air suspension

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- ☐ **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- ☐ **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- ☐ **FSLS-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- ☐ **FSLS-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- ☐ **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 anti-roll bar, normal stiffness
- ☐ **FSTAB2** Front anti-roll bar, high stiffness
- ☐ **FSTAB3** Front anti-roll bar, extra-high stiffness
- ☐ **RAL11.5** Rear axle load 11.5 tonnes
- **RAL13** Rear axle load 13 tonnes
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **ASF-DL1** Air suspension with one ride height
- ☐ **ASF-DL3** Air suspension with three ride heights
- ☐ **ACTST-TO** Volvo Dynamic Steering
- ☐ **ASFE-BAS** Volvo Dynamic Steering, basic
- ☐ **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- ☐ **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- ☐ **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-SING** Single power steering system
- **PSP-FIX** Power steering pump with fixed displacement
- ☐ **PSP-VAR** Power steering pump with variable displacement
- ☐ **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- ☐ **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-AIR** Rear air springs
- ☐ **RST-AIR6** Rear air springs for hot climates
- **FRAME266** Frame rail section external height 266 mm
- ☐ **FRAME300** Frame rail section external height 300 mm
- ☐ **FST6060** Frame thickness - web 6.0 mm / flange 6.0 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- ☐ **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- ☐ **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- ☐ **FIL-EEEF** Frame inner liner from end of engine to end of frame
- ☐ **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- ☐ **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **BBOX-L** Battery box on left-hand side
- **2BAT210C** AGM batteries, 2x210 Ah
- ☐ **2BATT170** Batteries, 2x170 Ah
- ☐ **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- ☐ **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- ☐ **ADR1** ADR adaptation, 1 switch in dashboard
- ☐ **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- ☐ **MSWI-A** ADR main switch
- **MSWI-C** Main switch on chassis
- ☐ **MSWI-R** Key remote controlled main switch
- **R330A71** Right 330-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 285l

■ Standard Equipment

☐ Optional Equipment

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

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	Max volume 810l				cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.
■ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 730l				
□ ADTP-L	AdBlue tank on left hand side		■ TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)	
■ ADTP-R	AdBlue tank on right hand side		□ TREL14	14-pin trailer connection	
□ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side		□ TREL15	15-pin trailer connection (ADR certified)	
■ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side		□ TREL7	7-pin trailer connection (ISO 24N)	
□ ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side		□ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)	
□ ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side		□ TBC-DUO	Trailer brake connection, Duomatic	
□ ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side		□ TBC-EC	Trailer brake connection, European Community	
□ ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side		□ TRBR-HCF	Full-pressure, hand-controlled trailer brake check (8 bar)	
□ ADB112	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side		□ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)	
□ ADTC-BF	AdBlue tank cover, silver metallic		□ TRBR-STA	Stationary trailer brake check	
■ FCAP-L	Lockable diesel and AdBlue filler caps		□ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability	
■ FUFF-AS	Fuel filling anti-spillage device		□ RUP-FOLD	Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant	
■ FUFF-ATS	Fuel filling anti-theft and anti-spillage device		□ RUP-FOSL		
□ ESH-LEFT	Horizontal silencer, left exhaust outlet		□ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles	
■ ESH-REAR	Horizontal silencer, rear exhaust outlet		□ RFEND-T	Transport mudguard	
□ ESH-RIGH	Horizontal silencer, right exhaust outlet		□ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles	
□ ESH-VERT	Horizontal silencer, vertical exhaust outlet on right-hand side		□ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles	
□ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side		□ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles	
□ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel		□ ATANK-AL	Aluminium air tanks	
□ EXST-ST	Vertical exhaust top pipe, aluminised steel		■ ATANK-ST	Steel air tanks	
□ WHC-FIX1	One non-collapsible wheel chock		□ 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)	
□ WHC-FIX2	Two non-collapsible wheel chocks		■ BLIGHT-E	Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s ² or more. The function deactivates when retardation is less than 2.5 m/s ² .	
□ WHC-FOL1	One collapsible wheel chock		□ FRACLOS	Frame end closing	
□ WHC-FOL2	Two collapsible wheel chocks				
□ WHCP-F	Wheel chock holder in the front part of the vehicle				
□ WHCP-M	Wheel chock holder in the middle part of the vehicle				
□ WHCP-R	Wheel chock holder in the rear part of the vehicle				
□ WHCP-T	Wheel chock holder by-packed in cab outer luggage compartment				
□ TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm				
□ SUP-BAS	Standard side underrun protection, aluminium				
□ CHAIN-S	Snow chains				
■ TOWF-NO1	One front towing device				
□ TOWF-NO2	Two front towing devices				
□ TOWMBRH	Towing member, high-mounted in centre of frame				
□ TOWMBRL1	Towing member, low-mounted under frame				
□ TOWMBRL2	Towing member, low and forward-mounted under frame				
□ TOWMBRL3	Towing member, low and far-forward-mounted under frame				
□ TOWMBRM	Towing member, medium-mounted in line with lower frame flange				
□ RFEC-L	Tapered lower rear frame end (for centre axle drawbar)				
■ RFEC-S	Straight-cut rear frame end				
□ RFEC-U	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)				
□ C-RI4040	Coupling Ringfeder 4040A G-150				
□ C-RI4045	Coupling Ringfeder 4045A G-150				
□ C-RI5050	Coupling Ringfeder 5050A G-150				
□ C-RO400G	Coupling Rockinger 400 G-150				
□ C-RO50	Coupling Rockinger 50 mm				
□ C-VBG520	Coupling VBG 5200D				
□ C-VBG795	Coupling VBG 795V				
□ TOWR-ONE	Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end				

■ Standard Equipment

□ Optional Equipment

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□ JACK-20T	Hydraulic jack, 20 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. For FM: Height 190-325 mm, weight 10.5 kg For FH: height 240-467 mm, weight 13.3. kg	□ PRIM-EL	Electrical priming pump for removal of air in the fuel system
■ TOOL-BAS	This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench.	■ PRIM-MAN	Manual priming pump for removal of air in the fuel system
□ TOOLKIT	This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Philips/flat blade – 1 blade, Torx T10/Torx T20 – 1 blade, Torx T25/Torx T27 – 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer.	□ FUEQ-EH	Fuel line electric heater
□ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ AF-E	Electrically heated fuel filter
□ GAUGE-TP	Tyre pressure gauge	■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
Powertrain equipment		□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ TRAP-HD	Reinforced gearbox range housing	□ EST-AID	Engine intake air heater
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
□ DRM-E	I-Shift drive mode Economy	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ PVT-BAS	I-See	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
■ CRUIS-E	I-Cruise cruise control, I-Roll included	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ RET-TP	Gearbox-mounted Powertronic primary retarder	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
□ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
□ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
■ AIRIN-HI	High air inlet	□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
□ AIRIN-LO	Low air inlet	□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
□ ACL1ST-S	Air cleaner with extra filter element	□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
■ 24A110BL	Alternator 110 Ampere	□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
□ 24A150BL	Alternator 150 Ampere	□ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
□ 24AL110B	Alternator 110 Ampere	□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
□ 24AL150B	Alternator 150 Ampere	□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
□ CCV-C	Closed crankcase ventilation	□ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
□ CCV-O	Open crankcase ventilation	□ 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	Steering wheel material leather

■ Standard Equipment

□ Optional Equipment

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□ STGW-AD2 Manually adjustable steering wheel with neck tilt ■ STGW-ADJ Manually adjustable steering wheel □ AIRBAG Airbag on driver's side □ DRC-AMII Regeneration control for DPF, initiation: automatic or manual, inhibition: manual ■ DRC-AUTO Regeneration control for DPF, fully automatic (in motion) □ 1DAYB One-day analogue tachograph, basic □ 1DAYDIG One-day digital tachograph, EC approved □ ARSL Additional, temporary road speed limiter control (switch in dashboard) □ SPEED-DU Dual speed limiter ■ ESP-BAS1 ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity □ ESPC-RO Electronic stability program functionality control, switch - On/Reduced/Off □ 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 Collision Warning with Emergency Brake (forward) ■ LSS-DW Lane Keeping Support - lane departure warning □ LSS-DW3 Pilot Assist - active, continuous lane keeping □ LKE-TBO Lane keeping at emergency, tyre blowout □ LCS2 Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side □ LCS4 Side Collision Avoidance Support, side collision warning, both sides □ DAS-W Driver Alert Support □ RSENS-W Wipers rain sensor □ CU-ECC Automatic climate control with sun sensor □ CU-ECC2 Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter ■ CU-MCC Manual climate control (heater/cooler function) □ IGT-BUT Push button ignition ■ IMMOBIL Immobiliser □ ALARM-E Anti-theft alarm for cab, superstructure and trailer □ PHONE-PK □ ISUNS-BS Side interior roller blind on both sides, manually manoeuvred ■ ISUNS-DS Side interior roller blind on driver's side, manually manoeuvred □ ISUNF-B □ ISUNF-MD □ ISUNF-RE Interior roller blind, integrated in front shelf, electrically manoeuvred ■ ISUNF-RM Interior roller blind, integrated in front shelf, manually manoeuvred □ ADFS Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D) □ BUPALARM Reversing warning □ LOADIND Load indicator, shown in instrument display and side display □ REMC-MF Wireless remote control, multi-functional □ FIREXT3S Fire extinguisher 3 kg, Swedish/English decal □ WARNVEST Reflective vest, fulfils European standard 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 amber and white warning lamp with batteries □ LAMP-IN Inspection lamp with 10 m cable □ BULBKIT Bulb and fuse kit □ WRITEPAD Writing pad with paper clamp Cab Interior, Living ■ DST-CF1 Driver's seat Comfort □ DST-CF4 Driver's seat Comfort, belt in seat □ DST-CF5 Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion □ DST-CF6 Driver's seat Comfort, belt in seat, heated, ventilated □ DST-STD2 Driver's seat Standard, belt in seat □ SBD-RED Red safety belts, passenger and driver seats □ SBPRE-DS Driver's 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 □ SBPRE-PS Passenger seat belt pretensioner □ ARMRE-BB Two armrests on both driver's and passenger seats □ ARMRE-DB Two armrests on driver's seat □ ARMRE-PB Two armrests on passenger seat □ ARU-BAS Vinyl armrest upholstery □ ARU-LEA Leather armrest upholstery ■ FMAT-RUB Black rubber floor mats □ FMAT-TX2 Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats □ LBK70 Lower fixed bed 2000x700 mm, non-foldable, safety net included □ MATL-FI Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg □ MATL-SF Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg □ OLMAT-BA Overlay mattress, 28 mm thick black textile □ OLMAT-PR Overlay mattress Premium, 35 mm thick black textile □ TBK60F Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ TBK70F Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ PH-CAB2 Cab parking heater, 2 kW □ SLCP-BAS Basic sleeper control panel (interior light, parking heater, roof hatch, door locks) □ ETSB-F Storage at front of engine tunnel □ ETSB-FR Storage at back of engine tunnel and at back, against rear cab wall □ ETSB-R Storage at back of engine tunnel, against rear cab wall □ RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) □ RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) □ REF-ICPK Preparation kit for refrigerator □ REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall □ MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) □ BOTH-D One bottle holder under dashboard centre section □ COFMA-PK Preparation kit (24 V) 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
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■ 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

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☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ ASL-RF2	Two LED spot lamps in sign box
☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	☐ IDLAMP-A	Three amber identification lamps on mid front roof
☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	☐ IDLAMP-W	Three white identification lamps on mid front roof
☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	☐ IDLMPSW	Switch in cab for identification lamps
☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	☐ BEACOA2F	Two amber LED beacons on cab front roof
☒ GLAS-TIN	Tinted windows	☐ BEACOA2R	Two amber LED beacons on cab rear roof
☐ GLAS-UNT	Untinted windows	☐ BEACON-P	Preparation kit for roof beacons
☐ AWIND-RF	Fixed window in back of cab (without curtains)	☐ CABPT-R1	One front cab roof pass-through on passenger side
☐ VANMIR	Vanity mirror in front shelf lid	☒ CABPT-R2	Two front cab roof pass-throughs, one on each side
☐ AS-FUS	One extra shelf in each of the two front upper storage compartments	☐ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
		☐ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
		☐ ROS-IL	Roof sign illumination
		☐ ROS-IL2	Preparation kit for installation of roof sign illumination
		☐ ROS-ILP	Wiring kit for roof sign illumination
		☐ CSGN-GTR	Globetrotter decal in the roof sign box
Cab exterior		☒ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
☒ EXTL-BAS	Exterior trim level basic	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☒ DGLAS-H	Tempered door window glass	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	☐ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
☒ BUMP-B	Plastic front bumper	☐ ACCBP-F	Accessory bracket mounted on front roof
☐ BUMP-B2	Steel front bumper	☐ ACCBP-FM	Accessory brackets mounted on front roof and midroof
☐ BUMP-SP	Front bumper spoiler	☐ ACCBP-FR	Accessory brackets mounted on front and rear roof
☐ GUARD-EH	Guard plate for cooling pipes and oil sump	☐ ACCBP-M	Accessory bracket mounted on midroof
☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ ACCBP-R	Accessory brackets mounted on mid-roof and rear roof
☐ CTILTP-E	Electric cab tilt pump	☐ ACCBP-RM	Accessory bracket mounted on rear roof
☒ CTILTP-M	Manual cab tilt pump	☐ REFS-TW	Reflecting white cab side stripes by-packed in cab
☐ FCABS-A	Air front cab suspension	☐ REFS-TY	Reflecting yellow cab side stripes by-packed in cab
☒ FCABS-M	Mechanical front cab suspension		
☐ RCABS-A	Air rear cab suspension	Superstructure preparations	
☒ RCABS-M	Mechanical rear cab suspension	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ MIRCMCP	Camera Monitor System and passenger corner camera	☐ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
☐ MIRCMS	Camera Monitor System	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☐ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
☐ AD-ROOF	Roof air deflector	☐ WLC-H2A	
☐ AD-SIDES	Cab side air deflectors, short	☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
☒ HL-BASIC	Halogen H7 headlamps	☐ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
☐ HL-LED	LED headlamps	☐ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
☐ HBDA-A	Automatic main beam deactivation and reactivation	☐ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
☐ HL-CLEAN	High-pressure headlamp cleaner	☐ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)	☐ ECBB-BAS	Body builder electrical centre, prepared for body builder module
☐ HL-ADJ	Manually adjustable headlamp beam	☐ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
☒ DRL-LED	Daytime running lamps (LED)	☒ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
☐ UDRL	Without daytime running lamps (LED)	☐ BBCHAS1	One 7-pole bodywork connector on chassis
☒ DRIVL2	Extra main beam	☐ BBCHAS3	Three 7-pole bodywork connectors on chassis
☒ UDRIVL	Without extra main beam		
☒ FOGL-WC	White front fog lamps		
☐ CL-STAT	Static cornering lights		

☒ Standard Equipment

☐ Optional Equipment

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- **BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- **EXSTER** Support for external steering control via body builder module
- **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
- **FBA-BTF** Front body attachment brackets, lower, for flexible body
- **FBA-BTSF** Front body attachment brackets, lower, for semi-flexible body
- **HBA-FSFB** Holes for body attachments, flexible/semi-flexible body
- **HBA-SB** Holes for body attachments, stiff body
- **RBA-T2** Rear body attachment brackets, lower
- **CRANEPK1** Frame-mounted crane interface plates, up to 10 tonne-metres
- **CRANEPK2** Frame-mounted crane interface plates, up to 20 tonne-metres
- **CRANEPK4** Frame-mounted crane interface plates, up to 40 tonne-metres
- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit
- **AESW2** 2 bistable bodywork switches (marked AUX1/AUX2)
- **AESW2PK** 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
- **AUXSW-4** Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **TSRS** Road sign recognition
- **TSRS2** Road sign recognition (not ISA compliant)