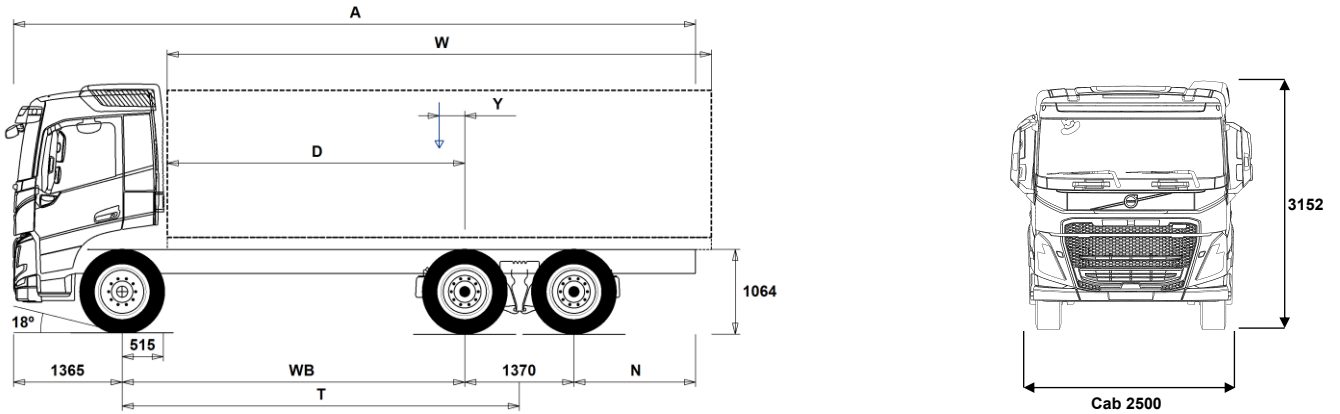


MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	4300	4600	4900	5200	5600
A Overall Chassis Length	7710	7310	8460	9410	10560	10310	10810	11410
D Center of rear axle to front of body	2635	2835	3135	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1175	2025	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4385	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	186	223	295	426	500	555	621	706
Y Center of Gravity for Payload (Max.)	186	223	295	426	500	555	621	706
W Body Length (Min.)	4901	5226	5681	6620	7073	7561	8030	8661
W Body Length (Max.)	4901	5226	5681	6620	7073	7561	8030	8661

Chassis Weights [kg]

Front Axle	4940	4975	4965	5005	5000	5045	5060	5090
Rear Bogie	3450	3400	3490	3565	3670	3625	3655	3695
Kerb Weight	8390	8375	8455	8570	8670	8670	8715	8785
Payload (including body, driver, fuel, etc.)	22610	22625	22545	22430	22330	22330	22285	22215

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	15300	15900	16900	18700	19600	20500	21500	22700

Plated Weights [kg]

	Design
Gross Vehicle Weight	31000
Gross Combination Weight	44000
Front Axle	10000
Rear Bogie	21000

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,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 ± 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 FM64R3A.

MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

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.
- **GARB-PRE** Refuse vehicle 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
- **RADD-GR** Rear air suspension - two axles, both 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
- **EU5EEV** Euro 5, Enhanced Environmentally Friendly Vehicle (EEV)
- **EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D13S420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13S460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13S500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13A380** Diesel engine, Euro 4, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13A400** Diesel engine, Euro 3, 12.8 litres, 400 hp/294 kW, 2000 Nm
- **D13A420** Diesel engine, Euro 4, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13A440** Diesel engine, Euro 3, 12.8 litres, 440 hp/324 kW, 2200 Nm
- **D13A460** Diesel engine, Euro 4, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13A480** Diesel engine, Euro 3, 12.8 litres, 480 hp/353 kW, 2400 Nm
- **D13A500** Diesel engine, Euro 4, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13C460** Diesel engine, Euro 5, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13C500** Diesel engine, Euro 5, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 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)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency 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
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **SPO2812** Dual-clutch 12-speed semi-powershift gearbox with overdrive, 2800 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **TAAXLIFT** Tandem Axle Lift for driven bogie axle
- **RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
- **RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

Packages

- Standard Equipment
- Optional Equipment

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

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- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- **CHASPAC** Rigid chassis package

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
- **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
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **RALIM95** First rear driving axle load limiter, 9.5 tonnes (speed controlled)
- **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
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 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-FBEB** Frame inner liner from front of bogie to end of bogie
- **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

MODEL RANGE

FM D13 64 Rigid Diesel Rear Air FM 64R 3A

- **BBOX-L** Battery box on left-hand side
- **BATS-S** Single battery system (2 batteries)
- **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
- **R450A71** Right 450-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 255l
Max volume 650l
- **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 330l
- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **ADB048** AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side
- **ADB064** AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side
- **ADB068** AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side
- **ADB083** AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side
- **ADB090** AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side
- **ADB100** AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side
- **ADB112** AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side
- **ADTC-BF** AdBlue tank cover, silver metallic
- **FCAP-L** Lockable diesel and AdBlue filler caps
- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage device
- **ESH-LEFT** Horizontal silencer, left exhaust outlet
- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESV-VERT** Vertical silencer, vertical exhaust outlet on right-hand side
- **EXST-SSP** Vertical exhaust top pipe, bright polished stainless steel
- **EXST-ST** Vertical exhaust top pipe, aluminised steel
- **HS-NAR** Muffler heat shield (EATS), narrow
- **WHC-FIX2** Two non-collapsible wheel chocks
- **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-L80** Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm
- **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
- **SUP-LOW** Low side underrun protection, aluminium
- **CHAIN-S** Snow chains
- **HOOK-SC** Snow chain hooks
- **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
- **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-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 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.
- **TREL-PK** Trailer electrical preparation kit (chassis/cab wiring)
- **TREL15** 15-pin trailer connection (ADR certified)
- **TREL7** 7-pin trailer connection (ISO 24N)
- **TREL7-7** 2x7-pin trailer connection (ISO 24N+24S, non-ADR)
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-HCR** Reduced-pressure, hand-controlled trailer brake check (4 bar)
- **TRBR-STA** Stationary trailer brake check
- **TRB-STRE** Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
- **RUP-FOLD** Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
- **RUP-FOSL** Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFH-BAS** Basic mudguard installation height on 2nd front axle and rear axles
- **RFH-HIG** High mudguard installation height on 2nd front axle and rear axles
- **RFH-LOW** Low mudguard installation height on 2nd front axle and rear axles
- **AUXATNK** Extra air tank for air suspension
- **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** 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/s² or more. The function deactivates when retardation is less than 2.5 m/s².

Rims and tyres

- **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- **RT-AL1** Lvl ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles
- **RT-AL1DU** Lvl ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles
- **RT-ALDP** Dura-Bright® polished aluminium rims with standard 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

■ 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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<input type="checkbox"/> WCAP	Wheel caps	<input checked="" type="checkbox"/> CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel
<input type="checkbox"/> SPWT-D	Spare driving wheel	<input checked="" type="checkbox"/> AIRIN-HI	High air inlet
<input type="checkbox"/> SPWT-F	Spare front wheel	<input type="checkbox"/> AIRIN-LO	Low air inlet
<input type="checkbox"/> SWCP-T	Spare wheel transport-mounted on top of frame	<input checked="" type="checkbox"/> ACL1ST-S	Air cleaner with extra filter element
<input type="checkbox"/> SWCP-TP	Spare wheel and carrier transport-mounted on top of frame	<input checked="" type="checkbox"/> 24A110BL	Alternator 110 Ampere
<input type="checkbox"/> JACK-12T	Hydraulic jack, 12 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. Height 180-315 mm, weight 7.0 kg	<input type="checkbox"/> 24A150BL	Alternator 150 Ampere
<input type="checkbox"/> JACK-15T	Hydraulic jack, 15 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. Height 225-438 mm, weight 9.4 kg	<input type="checkbox"/> 24A180BL	Alternator 180 Ampere
<input checked="" type="checkbox"/> 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	<input type="checkbox"/> 24AL110B	Alternator 110 Ampere
<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> 24AL150B	Alternator 150 Ampere
<input type="checkbox"/> INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	<input checked="" type="checkbox"/> CCV-C	Closed crankcase ventilation
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> CCV-O	Open crankcase ventilation
Powertrain equipment		<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump for removal of air in the fuel system
<input type="checkbox"/> TRAP-HD	Reinforced gearbox range housing	<input checked="" type="checkbox"/> PRIM-MAN	Manual priming pump for removal of air in the fuel system
<input checked="" type="checkbox"/> DRM-BE	I-Shift drive modes Economy, Standard and Performance	<input type="checkbox"/> FUEQ-EH	Fuel line electric heater
<input type="checkbox"/> DRM-E	I-Shift drive mode Economy	<input type="checkbox"/> AF-E	Electrically heated fuel filter
<input type="checkbox"/> PVT-BAS	I-See	<input checked="" type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter
<input checked="" type="checkbox"/> CRUIS-E	I-Cruise cruise control, I-Roll included	<input checked="" type="checkbox"/> FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
<input type="checkbox"/> CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	<input type="checkbox"/> FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
<input checked="" type="checkbox"/> AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	<input checked="" type="checkbox"/> EST-AID	Engine intake air heater
<input type="checkbox"/> AVO-ENH	I-Shift with enhanced software for construction and off-road applications	<input type="checkbox"/> 220EBH15	Engine block heater, 220 V, 1.5 kW
<input type="checkbox"/> APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	<input type="checkbox"/> PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
<input type="checkbox"/> RET-TH	Gearbox-mounted, hydrodynamic oil retarder	<input type="checkbox"/> PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
<input type="checkbox"/> TC-HWO	Cooler for hydraulic gearboxes - water/oil	<input type="checkbox"/> HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
<input type="checkbox"/> TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	<input type="checkbox"/> HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
<input checked="" type="checkbox"/> TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	<input type="checkbox"/> HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
<input type="checkbox"/> TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	<input type="checkbox"/> HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
<input type="checkbox"/> 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	<input type="checkbox"/> HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
<input type="checkbox"/> 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	<input type="checkbox"/> HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
<input checked="" type="checkbox"/> 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	<input type="checkbox"/> HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
<input type="checkbox"/> 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	<input type="checkbox"/> HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
<input type="checkbox"/> Optional Equipment		<input type="checkbox"/> PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
		<input type="checkbox"/> PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
		<input type="checkbox"/> PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
		<input type="checkbox"/> PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
		<input type="checkbox"/> PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
		<input type="checkbox"/> PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
		<input type="checkbox"/> PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		<input type="checkbox"/> PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		<input type="checkbox"/> PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
		<input type="checkbox"/> PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
		<input type="checkbox"/> PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
		<input type="checkbox"/> PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm

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FM D13 64 Rigid Diesel Rear Air FM 64R 3A

- HPG-F81** Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow

Cab Interior, Driving

- **STWPOS-L** Left-hand drive
- **STWM-LE** Steering wheel material leather
- **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
- 1DAYB** One-day analogue tachograph, basic
- **TAC-PK2** Preparation kit for tachograph
- ARSL** Additional road speed limiter control (switch in dashboard)
- **ACCLF-D** Volvo torque assist - Disabled
- ACCLF-E** Volvo torque assist - Enabled
- **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
- 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
- **RSSENS-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-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
- WARNEST** 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.
- **WRITEPAD** Writing pad with paper clamp

■ Standard Equipment

Optional Equipment

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

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Cab Interior, Living

- 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-LUX1** Driver's seat Deluxe, belt in seat, heated, ventilated
- 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
- PH-ENGCA** Engine and cab parking heater
- PH-SS** Short stop cab heater
- **SLCP-BAS** Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
- ETSB-FRS** Storage at front of engine tunnel and immersed in RH side of tunnel
- ETSB-FS** Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
- **ETSB-S** Storage immersed in RH side of engine tunnel
- **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
- ARL-FLEX** Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
- RH-EE** Roof skylight/emergency exit, tinted glass (not a hatch)

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<input type="checkbox"/> RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	<input type="checkbox"/> IDLAMP-W	Three white identification lamps on mid front roof
<input checked="" type="checkbox"/> RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> IDLMPWSW	Switch in cab for identification lamps
<input type="checkbox"/> RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> BEACOA2F	Two amber LED beacons on cab front roof
<input checked="" type="checkbox"/> GLAS-TIN	Tinted windows	<input type="checkbox"/> BEACOA2R	Two amber LED beacons on cab rear roof
<input checked="" type="checkbox"/> SWIND-BS	Rear side window on both sides	<input type="checkbox"/> BEACON-P	Preparation kit for roof beacons
<input type="checkbox"/> SWIND-PS	Rear side window on passenger side	<input type="checkbox"/> BEACONA4	Four amber LED beacons on roof - two on front, two on rear
<input checked="" type="checkbox"/> AWIND-RF	Fixed window in back of cab (without curtains)	<input checked="" type="checkbox"/> CABPT-R1	One front cab roof pass-through on passenger side
<input type="checkbox"/> VANMIR	Vanity mirror in front shelf lid	<input checked="" type="checkbox"/> CABPT-R2	Two front cab roof pass-throughs, one on each side
<input type="checkbox"/> AS-FUS	One extra shelf in each of the two front upper storage compartments	<input type="checkbox"/> SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
<input type="checkbox"/> INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	<input type="checkbox"/> SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
		<input type="checkbox"/> SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
		<input type="checkbox"/> ROS-IL2	Preparation kit for installation of roof sign illumination
		<input type="checkbox"/> CSGN-GTR	Globetrotter decal in the roof sign box
		<input checked="" type="checkbox"/> HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
		<input checked="" type="checkbox"/> ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
		<input type="checkbox"/> ACCBR-AP	Accessory brackets mounted on front roof, midroof and rear roof
		<input type="checkbox"/> ACCBR-F	Accessory bracket mounted on front roof
		<input type="checkbox"/> ACCBR-FM	Accessory brackets mounted on front roof and midroof
		<input type="checkbox"/> ACCBR-FR	Accessory brackets mounted on front and rear roof
		<input type="checkbox"/> ACCBR-M	Accessory bracket mounted on midroof
		<input type="checkbox"/> ACCBR-R	Accessory brackets mounted on mid-roof and rear roof
		<input type="checkbox"/> ACCBR-MH	Accessory bracket mounted on rear roof
Cab exterior			
<input checked="" type="checkbox"/> EXTL-BA2	Exterior trim level basic 2	Superstructure preparations	
<input type="checkbox"/> EXTL-BAS	Exterior trim level basic	<input type="checkbox"/> CROSSRE	Cross reinforcement of frame for swap body
<input checked="" type="checkbox"/> DGLAS-H	Tempered door window glass	<input checked="" type="checkbox"/> SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
<input type="checkbox"/> DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	<input type="checkbox"/> SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
<input type="checkbox"/> BUMP-B	Plastic front bumper	<input type="checkbox"/> SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
<input checked="" type="checkbox"/> BUMP-B2	Steel front bumper	<input type="checkbox"/> SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
<input type="checkbox"/> BUMP-SP	Front bumper spoiler	<input type="checkbox"/> SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
<input type="checkbox"/> GUARD-EH	Guard plate for cooling pipes and oil sump	<input type="checkbox"/> WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
<input checked="" type="checkbox"/> BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	<input type="checkbox"/> WLC-H2A	
<input checked="" type="checkbox"/> CTILT-P-E	Electric cab tilt pump	<input type="checkbox"/> WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
<input type="checkbox"/> CTILT-P-M	Manual cab tilt pump	<input type="checkbox"/> WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
<input checked="" type="checkbox"/> FCABS-A	Air front cab suspension	<input type="checkbox"/> WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
<input type="checkbox"/> FCABS-M	Mechanical front cab suspension	<input type="checkbox"/> WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
<input checked="" type="checkbox"/> RCABS-A	Air rear cab suspension	<input type="checkbox"/> WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
<input type="checkbox"/> RCABS-M	Mechanical rear cab suspension	<input type="checkbox"/> ECBB-BAS	Body builder electrical centre, prepared for body builder module
<input checked="" type="checkbox"/> MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	<input type="checkbox"/> ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
<input type="checkbox"/> MIRCMCP	Camera Monitor System and passenger corner camera	<input checked="" type="checkbox"/> ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
<input type="checkbox"/> MIRCMS	Camera Monitor System	<input checked="" type="checkbox"/> BBCHAS1	One 7-pole bodywork connector on chassis
<input checked="" type="checkbox"/> AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	<input checked="" type="checkbox"/> BBCHAS3	Three 7-pole bodywork connectors on chassis
<input checked="" type="checkbox"/> SUNV-H	Exterior front sun visor, transparent dark-grey	<input type="checkbox"/> BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
<input type="checkbox"/> AD-ROOF	Roof air deflector	<input type="checkbox"/> EXSTER	Support for external steering control via body builder module
<input type="checkbox"/> AD-SIDES	Cab side air deflectors, short	<input type="checkbox"/> TD-LED	TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb
<input type="checkbox"/> HL-BASIC	Halogen H7 headlamps		
<input checked="" type="checkbox"/> HL-LED	LED headlamps		
<input type="checkbox"/> HL-LED3	LED headlamps with adaptive high beam		
<input type="checkbox"/> HBDA-A	Automatic main beam deactivation and reactivation		
<input checked="" type="checkbox"/> HL-CLEAN	High-pressure headlamp cleaner		
<input type="checkbox"/> HLP-ST	Steel headlamp protectors (steel and plastic for FMX)		
<input type="checkbox"/> HL-ADJ	Manually adjustable headlamp beam		
<input checked="" type="checkbox"/> DRL-LED	Daytime running lamps (LED)		
<input type="checkbox"/> UDRL	Without daytime running lamps (LED)		
<input type="checkbox"/> DRIVL2	Extra main beam		
<input checked="" type="checkbox"/> UDRIVL	Without extra main beam		
<input checked="" type="checkbox"/> FOGL-WC	White front fog lamps		
<input checked="" type="checkbox"/> CL-STAT	Static cornering lights		
<input type="checkbox"/> ASL-RF2	Two LED spot lamps in sign box		
<input type="checkbox"/> IDLAMP-A	Three amber identification lamps on mid front roof		

Standard Equipment

Optional Equipment

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lights, while for LED lights the system cannot identify an "open circuit".

- 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
- DRUT1** My Truck service/app (remote vehicle status, alerts and control), 1-year prepaid subscription
- **DRUT2** My Truck service/app (remote vehicle status, alerts and control), 2-year prepaid subscription
- DRUT3** My Truck service/app (remote vehicle status, alerts and control), 3-year prepaid subscription
- DRUT4** My Truck service/app (remote vehicle status, alerts and control), 4-year prepaid subscription
- DRUT5** My Truck service/app (remote vehicle status, alerts and control), 5-year prepaid subscription
- TSRS2** Road sign recognition (not ISA compliant)