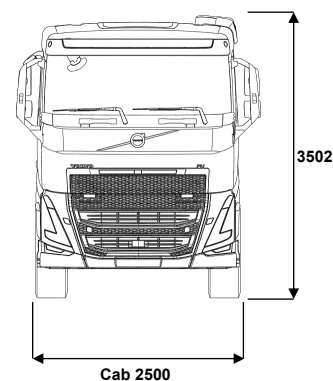
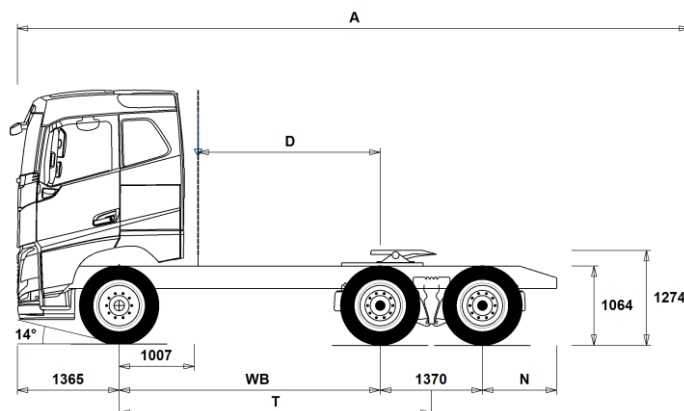


MODEL RANGE

FH D13 64 Tractor Diesel Rear Air FH 64T 3A



Chassis Dimensions [mm]

WB Wheelbase	3000	3200	3400	3600	3900
A Overall Chassis Length	9012	9012	9012	9012	9012
D Center of rear axle to back of cab	1943	2143	2343	2543	2843
N Rear Overhang (Min.)	805	805	805	805	805
N Rear Overhang (Max.)	995	995	995	995	995
T Theoretical Wheelbase	3685	3885	4085	4285	4585

Chassis Weights [kg]

Front Axle	4910	4925	4950	4965	4985
Rear Bogie	3650	3650	3655	3660	3660
Kerb Weight	8560	8575	8605	8625	8645

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13300	13900	14500	15100	16100
Turning Circle Diameter Wall to Wall	14700	15300	15900	16500	17400

Plated Weights [kg]

	Design
Gross Vehicle Weight	28100
Gross Combination Weight	44000
Front Axle	7100
Rear Bogie	21000

Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -285 mm for CAB-LSLP, +450 mm for CAB-XHES, +450 mm for CAB-XHSL.

Front Axle to Back of Cab: +74 mm for CAB-LSLP, +289 mm for CAB-XHES.

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 FH64T3A.

MODEL RANGE

FH D13 64 Tractor Diesel Rear Air FH 64T 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.

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **RADD-GR** Rear air suspension - two axles, both driving
- **FH-AHSLP** FH Aero Globetrotter, high sleeper cab
- **FH-ALSLP** FH Aero low sleeper cab
- **FH-ASLP** FH Aero sleeper cab
- **FH-AXHES** FH Aero Globetrotter XXL, extra-high extended sleeper cab
- **FH-AXHSL** FH Aero Globetrotter XL, extra-high sleeper cab
- **FH-HSLP6** FH Globetrotter, high sleeper cab
- **FH-LSLP6** FH low sleeper cab
- **FH-SLP6** FH sleeper cab
- **FH-XHES6** FH Globetrotter XXL, extra-high extended sleeper cab
- **FH-XHSL6** FH Globetrotter XL, extra-high 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
- **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
- **D13S540A** Diesel engine, Euro 6, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **D13T420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2400 Nm with turbocompound
- **D13T460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2600 Nm with turbocompound
- **D13T480A** Biodiesel engine, Euro 6, 12.8 litres, 480 hp/353 kW, 2700 Nm with turbocompound
- **D13T500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2800 Nm with turbocompound
- **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
- **D13A520** Diesel engine, Euro 3, 12.8 litres, 520 hp/382 kW, 2500 Nm
- **D13A540** Diesel engine, Euro 4, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **D13C420** Diesel engine, Euro 5, 12.8 litres, 420 hp/309 kW, 2100 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
- **D13C540** Diesel engine, Euro 5, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **D13K420** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW
- **D13K540** Diesel engine, Euro 6, 12.8 litres, 540 hp/397 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
- **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

■ Standard Equipment

□ Optional Equipment

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

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- **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

Packages

- **WEIGHTO** Weight optimisation package
- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **AIRFLOW** Airflow package with roof and side air deflectors and chassis fairings
- **1LIVING** Living package, 1 bed (FH)
- **1LIVING+** Living Plus package, 1 bed (FH)
- **2LIVING** Living package, 2 beds (FH)
- **2LIVING+** Living Plus package, 2 beds (FH)
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- **SAFEBAS** Active Safety Basic package (outside Europe)
- **SAFEPLUS** Active Safety Plus package (outside Europe)
- **COOLCM22** Energy Optimization Plus Plus package
- **OFFROADS** Construction package for sleeper cab

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
- **FAL6.5** Front axle load 6.5 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
- **FALIM** Front axle load limiter
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RSLS-BAS** Basic levelling stroke in rear air suspension (high ground clearance under rear axle member)
- **RAL19** Rear axles load 19 tonnes
- **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
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist

MODEL RANGE

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☐ ASFE-PO	Volvo Dynamic Steering with Personal Settings and Stability Assist	☐ ESH-LEFT	Horizontal silencer, left exhaust outlet
☐ ASFE-PS	Volvo Dynamic Steering with Personal Settings	☒ ESH-REAR	Horizontal silencer, rear exhaust outlet
☒ PSP-FIX	Power steering pump with fixed displacement	☐ ESH-RIGH	Horizontal silencer, right exhaust outlet
☐ PSP-VAR	Power steering pump with variable displacement	☐ ESH-VERT	Vertical silencer, vertical exhaust outlet on right-hand side
☐ PSP-VAR2	Power steering pump with variable displacement (extra valve)	☐ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side
☒ EBS-MED	EBS (Electronic Braking System), Medium package	☐ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel
☐ AUXPARK	Extra parking brake on one axle	☐ EXST-ST	Vertical exhaust top pipe, aluminised steel
☒ RST-AIR	Rear air springs	☐ WHC-FIX2	Two non-collapsible wheel chocks
☐ RST-AIR6	Rear air springs for hot climates	☒ WHC-FOL2	Two collapsible wheel chocks
☒ SUSPL-EC	Remote control for air suspension levelling	☒ WHCP-F	Wheel chock holder in the front part of the vehicle
☒ FRAME300	Frame rail section external height 300 mm	☐ WHCP-M	Wheel chock holder in the middle part of the vehicle
☐ FST7070	Frame thickness - web 7.0 mm / flange 7.0 mm	☐ WHCP-T	Wheel chock holder by-packed in cab outer luggage compartment
☒ FST8080	Frame thickness - web 8.0 mm / flange 8.0 mm	☐ TB-L80	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm
☐ FIL-EEEB	Frame inner liner from end of engine to end of bogie	☐ TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm
☐ FIL-TXEB	Frame inner liner from transmission cross member to end of bogie	☐ SUP-BAS	Standard side underrun protection, aluminium
☐ BBOX-EF	Battery box at end of frame	☐ SUP-LOW	Low side underrun protection, aluminium
☒ BBOX-L	Battery box on left-hand side	☐ CHAIN-S	Snow chains
☐ BATS-D	Dual battery system (2 vehicle batteries and 2 starter batteries)	☐ HOOK-SC	Snow chain hooks
☒ BATS-S	Single battery system (2 batteries)	☒ TOWF-NO1	One front towing device
☐ 2BAT210B	Gel batteries, 2x210 Ah	☐ TOWF-NO2	Two front towing devices
☐ 2BAT210C	AGM batteries, 2x210 Ah	☐ 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.
☐ 2BATT170	Batteries, 2x170 Ah	☐ TREL15	15-pin trailer connection (ADR certified)
☒ BATTAMP	Battery voltmeter and ammeter	☐ TREL7	7-pin trailer connection (ISO 24N)
☐ BATTIND	Battery voltmeter, ammeter and battery status gauge with visual alerts	☒ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
☐ ADR1	ADR adaptation, 1 switch in dashboard	☐ TBC-DUO	Trailer brake connection, Duomatic
☐ ADR2	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	☒ TBC-EC	Trailer brake connection, European Community
☐ MSWI-A	ADR main switch	☐ TBC-GBR	Trailer brake connection, Great Britain
☒ MSWI-C	Main switch on chassis	☐ TRBR-HCF	Full-pressure, hand-controlled trailer brake check (8 bar)
☐ MSWI-R	Key remote controlled main switch	☐ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
☒ R315A56	Right 315-litre, D-shaped aluminium fuel tank, 560 mm high Min volume 150l Max volume 810l	☒ TRBR-STA	Stationary trailer brake check
☒ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 730l	☐ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
☐ ADTP-BC	AdBlue tank behind/under cab on right hand side	☒ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
☐ ADTP-L	AdBlue tank on left hand side	☒ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
☐ ADTP-R	AdBlue tank on right hand side	☐ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
☐ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	☐ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
☐ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	☐ ATANK-AL	Aluminium air tanks
☐ ADB065	AdBlue tank: usable volume 65 litres, mounted behind/under cab	☒ ATANK-ST	Steel air tanks
☐ ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	☒ 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)
☐ ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	☒ 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 .
☐ ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	☐ FRACLOS	Frame end closing
☐ ADB099	AdBlue tank: usable volume 99 litres, mounted below cab		
☐ 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 finish		
☒ 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		

■ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

FH D13 64 Tractor Diesel Rear Air FH 64T 3A

□ RT-AL1	LvL ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles	□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included
□ RT-AL1DU	LvL ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles	□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function
□ RT-ALDP	Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles	□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications
□ RT-ALDPD	Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles	□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)
□ RT-ALDU	Brushed aluminium rims with countersunk holes (short stud fixing) on all axles	□ CD43-O	Dual-plate clutch, plate diameter 430 mm
■ RT-STEEL	Steel rims on all axles	□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder
□ WCAP	Wheel caps	□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil
□ SPWT-D	Spare driving wheel	□ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil
□ SPWT-F	Spare front wheel	□ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil
□ SWCP-LF	Spare wheel carrier on left side in front of rear axle	□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min
□ SWCP-T	Spare wheel transport-mounted on top of frame	□ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min
□ SWCP-TP	Spare wheel and carrier transport-mounted on top of frame	□ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min
■ 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	■ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min
□ 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	□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel
□ 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	□ AIRIN-FR	Front air inlet
■ 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.	■ AIRIN-HI	High air inlet
□ 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.	□ AIRIN-LO	Low air inlet
□ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ ACL1ST-S	Air cleaner with extra filter element
□ GAUGE-TP	Tyre pressure gauge	□ 24A150BL	Alternator 150 Ampere
Powertrain equipment		□ 24A180BL	Alternator 180 Ampere
□ TRAP-HD	Reinforced gearbox range housing	□ 24AL110B	Alternator 110 Ampere
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	■ 24AL150B	Alternator 150 Ampere
□ DRM-E	I-Shift drive mode Economy	□ CCV-C	Closed crankcase ventilation
□ PVT-MAP	I-See	■ CCV-O	Open crankcase ventilation
■ CRUIS-E	Cruise control with controls in the steering wheel and I-Roll included	□ PRIM-EL	Electrical priming pump for removal of air in the fuel system
		■ PRIM-MAN	Manual priming pump for removal of air in the fuel system
		□ FUEQ-EH	Fuel line electric heater
		■ AF-E	Electrically heated fuel filter
		□ AF-R	Hot fuel recirculation heated fuel filter
		■ EST-AID	Engine intake air heater
		□ 220EBH15	Engine block heater, 220 V, 1.5 kW
		□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
		□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
		□ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
		□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
		□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
		□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
		□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
		□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
		□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
		□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
		□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
		□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FH D13 64 Tractor Diesel Rear Air FH 64T 3A

☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm	☒ PB-AUT2	Parking brake applied automatically when driver leaves the seat
☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ RSENS-W	Wipers rain sensor
☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ CU-ECC	Automatic climate control with sun sensor
☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm	☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
☐ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm	☒ CU-MCC	Manual climate control (heater/cooler function)
☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm	☒ IGT-BUT	Push button ignition
☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm	☒ IMMOBIL	Immobiliser
☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm	☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer
☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm	☐ ALCOLOCK	Alcolog
☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm	☐ AUD-EXT	Extended audio system including amplifier and subwoofer
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ BUPMON	Reversing camera
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ PHONE-PK	
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred
Cab Interior, Driving		☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred
☒ STWPOS-L	Left-hand drive	☒ CSPL-BX	Open storage in lower centre instrument panel
☐ STWPOS-R	Right-hand drive	☐ CSPL-BXD	Storage drawer in lower centre instrument panel
☐ STWM-LE	Steering wheel material leather	☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
☐ STGW-AD2	Manually adjustable steering wheel with neck tilt	☐ BUPALARM	Reversing warning
☒ STGW-ADJ	Manually adjustable steering wheel	☐ RTOLL-PK	Preparation kit for electronic road fee (GPS/GSM antenna and cables)
☐ AIRBAG	Airbag on driver's side	☐ LOADIND	Load indicator, shown in instrument display and side display
☐ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	☐ REMC-MF	Wireless remote control, multi-functional
☐ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	☐ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
☐ 1DAYB	One-day analogue tachograph, basic	☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
☐ 1DAYDIG	One-day digital tachograph, EC approved	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
☒ 1DAYDIG4	One-day digital tachograph - gen. 2, version 2, EC approved	☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
☐ ARSL	Additional, temporary road speed limiter control (switch in dashboard)	☐ WARNLAMP	Portable amber and white warning lamp with batteries
☒ ACCLF-D	Volvo torque assist - Disabled	☐ LAMP-IN	Inspection lamp with 10 m cable
☐ ACCLF-E	Volvo torque assist - Enabled	☐ BULBKIT	Bulb and fuse kit
☐ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☒ WRITEPAD	Writing pad with paper clamp
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	Cab Interior, Living	
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☒ DST-CF1	Driver's seat Comfort
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ DST-CF4	Driver's seat Comfort, belt in seat
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping	☐ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
☐ LKE-TBO	Lane keeping at emergency, tyre blowout	☐ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
☐ LCS4	Side Collision Avoidance Support, side collision warning, both sides	☐ DST-LUX2	Driver's seat Deluxe, belt in seat, heated
☐ LCS5	Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side	☐ DST-STD2	Driver's seat Standard, belt in seat
☐ DAS-W	Driver Alert Support, monitoring of vehicle handling	☐ SBD-RED	Red safety belts, passenger and driver seats
☐ DAS-W2	Driver Alert Support, monitoring of vehicle handling and driver attention	☐ 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-RX1	Passenger seat Relax, swivel, tilt
		☒ PST-STD2	Passenger seat Regular, non-suspended
		☐ PST-STD4	Passenger seat Regular, suspended

☒ Standard Equipment

☐ Optional Equipment

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FH D13 64 Tractor Diesel Rear Air FH 64T 3A

☐ SBPRE-PS	Passenger seat belt pretensioner	☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
☐ ARMRE-BB	Two armrests on both driver's and passenger seats	☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
☐ ARMRE-DB	Two armrests on driver's seat	☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
☐ ARMRE-PB	Two armrests on passenger seat	☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
☐ ARU-BAS	Vinyl armrest upholstery	☒ GLAS-TIN	Tinted windows
☐ ARU-LEA	Leather armrest upholstery	☐ SWIND-BS	Rear side window on both sides
☒ GRABHI-B	Cab entry grab handle, basic	☐ AS-FUS	One extra shelf in each of the two front upper storage compartments
☐ GRABHI-L	Cab entry grab handle, leather covered	☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
☒ FMAT-RUB	Black rubber floor mats	Cab exterior	
☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats	☒ EXTL-BAS	Exterior trim level basic
☒ LBK80F	Lower fixed bed 2000x815/740/660 mm (middle/head/feet), foldable 55°, safety net included	☐ EXTL-EN2	Exterior trim level enhanced 2
☐ LBK80FRE	Lower electric recliner bed 2000x815/740/660 mm (mid/head/feet), foldable 55°, safety net included	☐ EXTL-ENH	Exterior trim level enhanced
☐ LBK80FRM	Lower manual recliner bed 2000x815/740/660 mm (mid/head/feet), foldable 55°, safety net included	☒ DGLAS-H	Tempered door window glass
☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg	☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
☐ MATL-FI4	Mattress lower bed firm, foam, recommended for body weight up to 100 kg	☒ BUMP-B	Plastic front bumper
☒ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg	☐ BUMP-B2	Steel front bumper
☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile	☐ BUMP-HD	Heavy-duty front bumper
☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile	☒ BUMP-SP	Front bumper spoiler
☐ TBK60AD	Height adjustable top bed 600x1900 mm, foldable up to 52° (dep. on cab & upper storage), net incl.	☐ GUARD-EH	Guard plate for cooling pipes and oil sump
☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator
☐ TBK70AD	Height adjustable top bed 700x1900 mm, foldable up to 52° (dep. on cab & upper storage), net incl.	☐ CTILT-P-E	Electric cab tilt pump
☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	☒ CTILT-P-M	Manual cab tilt pump
☐ PH-CAB2	Cab parking heater, 2 kW	☐ FCABS-A	Air front cab suspension
☐ PH-ENGCA	Engine and cab parking heater	☒ FCABS-M	Mechanical front cab suspension
☐ CPC-ADV	I-Park Cool, electric parking cooler, integrated with AC system	☐ RCABS-A	Air rear cab suspension
☒ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)	☒ RCABS-M	Mechanical rear cab suspension
☐ SLCP-LUX	Luxury sleeper control panel (int. light, park heat/cool, hatch, locks, alarm clock, windows, audio)	☒ HCC-INEX	Electrically operated front hatch, improves vehicle security by preventing unauthorised people from gaining access to vital areas behind the hatch. The security lock is fitted on the cab wall and has a cylinder that locks the front. It is switched on and
☐ SAFE	Key-operated safety box under bed (FH) or at bed end (FM)	☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)
☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)	☐ MIRCMCP	Camera Monitor System and passenger corner camera
☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)	☐ MIRCMS	Camera Monitor System
☐ TABLE	Foldable and height-adjustable table, attaches to the lower bed	☒ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror
☐ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall	☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)
☐ REFRIG	Refrigerator 33-litre, with freezer and dividers, in drawer under bed	☐ SUNV-H	Exterior front sun visor, transparent dark-grey
☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)	☐ AD-ROOF	Roof air deflector
☐ BOTH-D	One bottle holder under dashboard centre section	☐ AD-SIDEL	Cab side air deflectors, long
☐ BOTH-DL	Two bottle holders: one under dashboard centre section, one on lower bed drawer	☐ AD-SIDES	Cab side air deflectors, short
☐ BOTH-L	One bottle holder on lower bed drawer	☐ AD-SIDL2	Cab side air deflectors, long, with full-length rubber extensions
☐ COFMA-PK	Preparation kit (24 V) for coffee maker	☐ AD-CHASX	Chassis fairings, extended
☐ SOL12S	12 V single outlet in sleep compartment	☐ ADCF-F	Aerodynamic fairings flaps (low, 70 mm)
☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming	☒ HL-BASIC	Halogen H7 headlamps
☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	☐ HL-LED	LED headlamps
☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☐ HL-LED3	LED headlamps with adaptive high beam
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ HL-CLEAN	High-pressure headlamp cleaner
		☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)
		☐ HL-ADJ	Manually adjustable headlamp beam

■ Standard Equipment

☐ Optional Equipment

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■ DRL-LED □ UDRL	Daytime running lamps (LED) Without daytime running lamps (LED)	■ 5WLM-B	Basic fifth wheel maintenance level (for locking mechanism and top plate)
□ DRIVL2 ■ UDRIVL	Extra main beam Without extra main beam	□ 5WL-S1	Fifth wheel lubrication: locking mechanism and top plate
■ FOGL-WC	White front fog lamps	□ TCIND	Trailer connection indication with sensors for height, kingpin and coupling lock
□ CL-STAT	Static cornering lights	■ RDECK	Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
□ ASL-RF2	Two LED spot lamps in sign box	□ RDECK-M	Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
□ IDLAMP-A	Three amber identification lamps on mid front roof	□ SRWL-2RA □ SRWL-2RW	- 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
□ IDLMPSW	Switch in cab for identification lamps	□ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
□ BEACOA2F □ BEACOA2R □ BEACON-P □ BEACONA4	Two amber LED beacons on cab front roof Two amber LED beacons on cab rear roof Preparation kit for roof beacons Four amber LED beacons on roof - two on front, two on rear	□ SWL-2RA □ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
□ CABPT-R1 ■ CABPT-R2	One front cab roof pass-through on passenger side Two front cab roof pass-throughs, one on each side	□ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
□ SPOTP-F □ SPOTP-R □ SPOTP-RF	Preparation kit for spot lamp in cab front, max 280 W Preparation kit for spot lamp in cab roof, max 280 W Preparation kit for spot lamp in cab roof and front, max 280 W	□ WL-TA1A □ WL-TA1W	Amber LED work lamp on trailer arch White LED work lamp on trailer arch
□ ROS-IL □ ROS-IL2 □ ROS-ILP	Sign box illumination Preparation kit for installation of sign box illumination Wiring kit for sign box illumination	□ WLC-H2A □ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
□ CSGN-GTR	Globetrotter decal in sign box	□ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
□ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons	□ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
□ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons	□ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
□ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring	■ ECBB-BAS	Body builder electrical centre, prepared for body builder module
□ ACCB-RAP	Accessory brackets mounted on front roof, midroof and rear roof	□ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
□ ACCB-R-F □ ACCB-R-FM □ ACCB-R-FR □ ACCB-R-M □ ACCB-R-R □ ACCB-R-RM	Accessory bracket mounted on front roof Accessory brackets mounted on front roof and midroof Accessory brackets mounted on front and rear roof Accessory bracket mounted on midroof Accessory brackets mounted on rear roof Accessory brackets mounted on mid-roof and rear roof	□ BBCHAS1 □ BBCHAS3	One 7-pole bodywork connector on chassis Three 7-pole bodywork connectors on chassis
□ STUC-B □ STUC-L □ STUC-R	Extra storage compartment under cab, on both sides Extra storage compartment under cab, on left side Extra storage compartment under cab, on right side	□ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
□ RFCAR-BC	Rear mudguard carrier on back of cab	□ EXSTER	Support for external steering control via body builder module
□ LADDER	Ladder on back of cab	■ TD-LED	Trailer detection with LED sensor
□ REFS-TW □ REFS-TY	Reflective white cab side stripes by-packed in cab Reflective yellow cab side stripes by-packed in cab	□ AUXL-SPK	Preparation kit (wiring and a switch in dashboard) for snow plough lamps
Superstructure preparations		□ TAILPRE2 □ TAILPREP	Tail lift preparation kit, wireless remote operation Tail lift preparation kit
□ 5WM-ISHD	Fifth wheel ISO mounting on 16 mm plates (80+16 mm above frame+saddle) for heavy-duty applications	□ AESW2 □ AESW2PK	2 bistable bodywork switches (marked AUX1/AUX2) 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
■ 5WM-ISOM	Fifth wheel ISO mounting on medium L-profiles (50+10 mm above frame+saddle)	□ AUXSW-4	Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)
□ 5WM-MASM	Fifth wheel mounting on 50 mm L-profiles, adjustable, manual slider lock release	Services	
□ 5WH150 □ 5WH185 □ 5WH190 □ 5WH290	Fifth wheel leg height 150 mm (5.90") Fifth wheel leg height 185 mm (7.28") Fifth wheel leg height 190 mm (7.48") Fifth wheel leg height 290 mm (11.41")	■ TGW-4GWL	Telematics gateway with 4G modem and WLAN
□ 5WT-JO11 □ 5WT-JO8 □ 5WT-JO9 □ 5WT-JOHD □ 5WT-SH □ 5WT-SH2	Jost JSK 38G fixed heavy-duty fifth wheel, cast iron Jost JSK 37 fixed fifth wheel, cast iron Jost JSK 42 fixed fifth wheel, cast iron Jost JSK 38C fixed heavy-duty fifth wheel, cast iron SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron SAF-Holland/+GF+ SK-HD 38.36 fixed heavy-duty fifth wheel, cast iron	□ FMS-PK	Fleet management system 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)

■ Standard Equipment

□ Optional Equipment

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