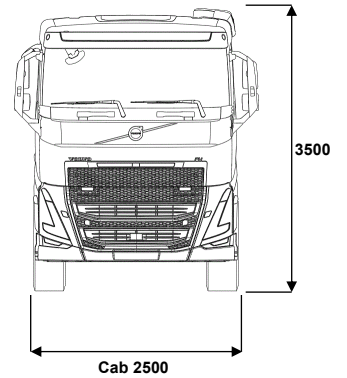
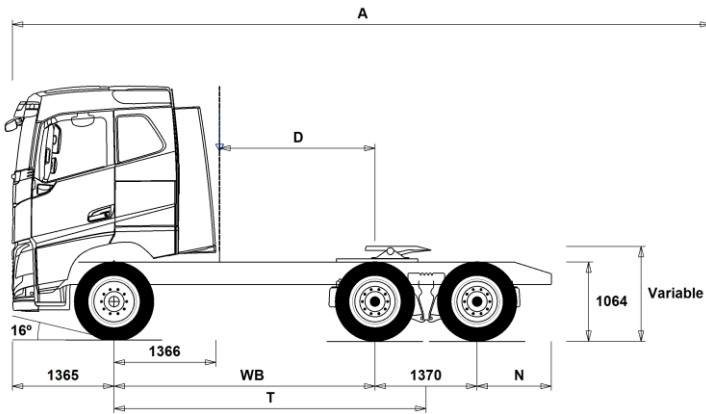


MODEL RANGE

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



Chassis Dimensions [mm]

WB Wheelbase	3000	3200	3400	3600	3900
A Overall Chassis Length	9371	9371	9371	9371	9371
D Center of rear axle to back of cab	1584	1784	1984	2184	2484
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	5005	5020	5050	5065	5090
Rear Bogie	3735	3735	3735	3735	3735
Kerb Weight	8740	8755	8785	8800	8825

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]

	Plated	Design
Gross Vehicle Weight	26000	28100
Gross Combination Weight	44000	44000
Front Axle	7000	7100
Rear Bogie	19000	21000

Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -345 mm for CAB-LSLP, +450 mm for CAB-XHES, +450 mm for CAB-XHSL.

Front Axle to Back of Cab: -70 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 ± 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-ALSPL** 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)
- EU6HT** Euro 6 with High Torque EGR and particulate filter, turbocompound
- **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, 2630 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, 2810 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-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
- 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

■ Standard Equipment

Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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- 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 optimization package:
- FP-D13** Fuel economy package for Euro 6 D13 engine
- INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- SAFEBAS** Active Safety Basic package (outside Europe)
- SAFEBAS2** Active Safety Basic package (outside Europe)
- SAFEPLU2** Active Safety Plus package (outside Europe)
- SAFEPLUS** Active Safety Plus package (outside Europe)

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
- **FSTAB** Front anti-roll bar, normal stiffness
- FSTAB2** Front anti-roll bar, high stiffness
- FSTAB3** Front anti-roll bar, extra-high stiffness
- 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
- 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
- **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

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<ul style="list-style-type: none"> ■ 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-EEEE Frame inner liner from end of engine to end of bogie □ FIL-TXEB Frame inner liner from transmission cross member to end of bogie □ BBOX-EF Battery box at end of frame ■ BBOX-L Battery box on left-hand side ■ BATS-S Single battery system (2 batteries) □ 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 ■ R405A71 Right 405-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 150l Max volume 810l ■ UL-FUEL Without left side fuel tank Min volume 160l Max volume 730l □ ADTP-BC AdBlue tank behind/under cab on right hand side □ 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 □ ADB065 AdBlue tank: usable volume 65 litres, mounted behind cab □ 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 □ ADB099 AdBlue tank: usable volume 99 litres, mounted under 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 ■ 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 □ ESH-RIGH Horizontal silencer, right exhaust outlet □ ESH-VERT Horizontal silencer, vertical exhaust outlet on right-hand side □ 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 □ 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-T Wheel chock holder by-packed in cab outer luggage compartment 	<ul style="list-style-type: none"> □ 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 □ CHAIN-S Snow chains □ HOOK-SC Snow chain hooks ■ TOWF-NO1 One front towing device □ TOWF-NO2 Two front towing devices □ 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. □ 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-HCF Full-pressure, hand-controlled trailer brake check (8 bar) □ 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 ■ 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 □ 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.
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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
□ WCAP	Wheel caps
□ SPWT-D	Spare driving wheel
■ SPWT-F	Spare front wheel
□ SWCP-LF	Spare wheel carrier on left side in front of rear axle
□ SWCP-T	Spare wheel transport-mounted on top of frame
■ SWCP-TP	Spare wheel and carrier transport-mounted on top of frame
□ JACK-12T	Hydraulic jack, 12 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve,

■ Standard Equipment □ Optional Equipment

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<ul style="list-style-type: none"> <input type="checkbox"/> JACK-15T 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 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. <input checked="" type="checkbox"/> JACK-20T Height 225-438 mm, weight 9.4 kg 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 checked="" type="checkbox"/> TOOLKIT This kit consists of a tool bag (case) including the following tools: <ul style="list-style-type: none"> • 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 checked="" type="checkbox"/> INFLAHOS Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately). <input type="checkbox"/> GAUGE-TP Tyre pressure gauge 	<ul style="list-style-type: none"> <input type="checkbox"/> 24AL110B Alternator 110 Ampere <input type="checkbox"/> 24AL150B Alternator 150 Ampere <input type="checkbox"/> CCV-C Closed crankcase ventilation <input type="checkbox"/> CCV-O Open crankcase ventilation <input checked="" type="checkbox"/> CCV-OX Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge <input type="checkbox"/> FUEQ-EH Fuel line electric heater <input type="checkbox"/> AF-E Electrically heated fuel filter <input checked="" type="checkbox"/> AF-R Hot fuel recirculation heated fuel filter <input checked="" type="checkbox"/> FUEFE2LW Large engine-mounted dual fuel filter with water separator and drain <input type="checkbox"/> FUEFE2SW Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality) <input checked="" type="checkbox"/> EST-AID Engine intake air heater <input type="checkbox"/> 220EBH15 Engine block heater, 220 V, 1.5 kW <input type="checkbox"/> PTER-100 Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646 <input type="checkbox"/> PTER-DIN Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653 <input type="checkbox"/> PTER1400 Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647 <input type="checkbox"/> HPE-F101 Engine-mounted hydraulic pump F1-101, fixed displacement, single flow <input type="checkbox"/> HPE-F41 Engine-mounted hydraulic pump F1-41, fixed displacement, single flow <input type="checkbox"/> HPE-F51 Engine-mounted hydraulic pump F1-51, fixed displacement, single flow <input type="checkbox"/> HPE-F61 Engine-mounted hydraulic pump F1-61, fixed displacement, single flow <input type="checkbox"/> HPE-F81 Engine-mounted hydraulic pump F1-81, fixed displacement, single flow <input type="checkbox"/> HPE-T53 Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow <input type="checkbox"/> HPE-T70 Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow <input type="checkbox"/> HPE-V45 Engine-mounted hydraulic pump VP1-45, variable displacement, single flow <input type="checkbox"/> HPE-V75 Engine-mounted hydraulic pump VP1-75, variable displacement, single flow <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 <input type="checkbox"/> HPG-F101 Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow <input type="checkbox"/> HPG-F41 Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow <input type="checkbox"/> HPG-F51 Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow <input type="checkbox"/> HPG-F61 Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow <input type="checkbox"/> HPG-F81 Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
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Powertrain equipment

<ul style="list-style-type: none"> <input type="checkbox"/> TRAP-HD Reinforced gearbox range housing <input checked="" type="checkbox"/> DRM-BE I-Shift drive modes Economy, Standard and Performance <input type="checkbox"/> DRM-E I-Shift drive mode Economy <input checked="" type="checkbox"/> PVT-MTM I-See <input checked="" type="checkbox"/> CRUIS-E I-Cruise cruise control, I-Roll included <input type="checkbox"/> CRUIS-E5 I-Torque cruise control, optimized for fuel economy, I-Roll included <input type="checkbox"/> AMSO-AUT I-Shift manual gear shifting available in automatic mode, including kick-down function <input type="checkbox"/> AVO-ENH I-Shift with enhanced software for construction and off-road applications <input type="checkbox"/> APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) <input type="checkbox"/> RET-TH Gearbox-mounted, hydrodynamic oil retarder <input type="checkbox"/> TC-MAOH2 Extra high performance cooler for manual/I-shift gearboxes - air/oil <input checked="" type="checkbox"/> TC-MWO Basic performance cooler for manual/I-Shift gearboxes - water/oil <input type="checkbox"/> TC-MWOH2 High performance cooler for manual/I-Shift gearboxes - water/oil <input type="checkbox"/> 2COM1080 Dual-cylinder air compressor 704 cc, 1080 l/min <input type="checkbox"/> 2COM1100 Dual-cylinder air compressor 760 cc, 1100 l/min <input checked="" type="checkbox"/> 2COMP870 Dual-cylinder, two-stage air compressor 560 cc, 870 l/min <input type="checkbox"/> 2COMP900 Dual-cylinder air compressor 636 cc, 900 l/min <input type="checkbox"/> CLU-AIRC Air compressor clutch with automatic declutching when not needed, to save fuel <input type="checkbox"/> AIRIN-FR Front air inlet <input checked="" type="checkbox"/> AIRIN-HI High air inlet <input type="checkbox"/> AIRIN-LO Low air inlet <input type="checkbox"/> ACL1ST-S Air cleaner with extra filter element <input checked="" type="checkbox"/> 24A150BL Alternator 150 Ampere <input type="checkbox"/> 24A180BL Alternator 180 Ampere

Cab Interior, Driving

Standard Equipment Optional Equipment

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■ STWPOS-L	Left-hand drive	□ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
□ STWPOS-R	Right-hand drive	□ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
□ STWM-LE	Steering wheel material leather	□ WARNLAMP	Portable amber and white warning lamp with batteries
□ STGW-AD2	Manually adjustable steering wheel with neck tilt	□ LAMP-IN	Inspection lamp with 10 m cable
■ STGW-ADJ	Manually adjustable steering wheel	□ BULBKIT	Bulb and fuse kit
□ AIRBAG	Airbag on driver's side	□ WRITEPAD	Writing pad with paper clamp
□ DRC-AMI	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	Cab Interior, Living	
■ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	□ DST-CF1	Driver's seat Comfort
□ 1DAYB	One-day analogue tachograph, basic	■ DST-CF4	Driver's seat Comfort, belt in seat
■ TAC-PK2	Preparation kit for tachograph	□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
□ ARSL	Additional road speed limiter control (switch in dashboard)	□ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
■ ACCLF-D	Volvo torque assist - Disabled	□ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
□ ACCLF-E	Volvo torque assist - Enabled	□ DST-LUX2	Driver's seat Deluxe, belt in seat, heated
■ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	□ SBD-RED	Red safety belts, passenger and driver seats
□ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	□ SBPRE-DS	Driver's seat belt pretensioner
□ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	□ PST-BAS1	Passenger seat Basic, non-suspended
□ HWSS-FCB	Collision Warning with Emergency Brake (forward)	■ PST-CF4	Passenger seat Comfort, suspended, belt in seat
□ LSS-DW	Lane Keeping Support - lane departure warning	□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
□ LSS-DW3	Pilot Assist - active, continuous lane keeping	□ PST-RX1	Passenger seat Relax, swivel, tilt
□ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	□ PST-STD2	Passenger seat Regular, non-suspended
□ LCS3	Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side	□ PST-STD4	Passenger seat Regular, suspended
□ LCS5	Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side	□ SBPRE-PS	Passenger seat belt pretensioner
□ DAS-W	Driver Alert Support	□ ARMRE-BB	Two armrests on both driver's and passenger seats
□ RSSENS-W	Wipers rain sensor	□ ARMRE-DB	Two armrests on driver's seat
□ CU-ECC	Automatic climate control with sun sensor	□ ARMRE-PB	Two armrests on passenger seat
□ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	□ ARU-BAS	Vinyl armrest upholstery
■ CU-MCC	Manual climate control (heater/cooler function)	□ ARU-LEA	Leather armrest upholstery
■ IGT-BUT	Push button ignition	■ GRABHI-B	Instep grab handle, basic
□ IMMOBIL	Immobiliser	□ GRABHI-L	Leather covered steel instep grab handle
□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	■ FMAT-RUB	Black rubber floor mats
□ AUD-EXT	Extended audio system including amplifier and subwoofer	□ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
□ PHONE-PK		■ LBK80F	Lower fixed bed 2000x815/740/660 mm (middle/head/feet), foldable 55°, safety net included
□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	□ LBK80FRE	Lower electric recliner bed 2000x815/740/660 mm (mid/head/feet), foldable 55°, safety net included
■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	□ LBK80FRM	Lower manual recliner bed 2000x815/740/660 mm (mid/head/feet), foldable 55°, safety net included
□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	■ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	□ MATL-FI4	Mattress lower bed firm, foam, recommended for body weight up to 100 kg
■ CSPL-BX	Open storage in lower centre instrument panel	□ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
□ CSPL-BXD	Storage drawer in lower centre instrument panel	□ OLMAT-BA	Overlay mattress, 28 mm thick black textile
□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	□ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
■ BUPALARM	Reversing warning	□ TBK60AD	Height adjustable top bed 600x1900 mm, foldable up to 52° (dep. on cab & upper storage), net incl.
■ LOADIND	Load indicator, shown in instrument display and side display	□ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
□ REMC-MF	Wireless remote control, multi-functional	□ TBK70AD	Height adjustable top bed 700x1900 mm, foldable up to 52° (dep. on cab & upper storage), net incl.
■ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	□ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
■ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	□ PH-CAB2	Cab parking heater, 2 kW
■ WARNTRI2	Two warning triangles	□ PH-ENGCA	Engine and cab parking heater
		□ CPC-ADV	I-Park Cool, electric parking cooler, integrated with AC system

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

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

<ul style="list-style-type: none"> ■ SLCP-BAS Basic sleeper control panel (interior light, parking heater, roof hatch, door locks) □ SLCP-LUX Luxury sleeper control panel (int. light, park heat/cool, hatch, locks, alarm clock, windows, audio) □ SAFE Key-operated safety box under bed (FH) or at bed end (FM) □ RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) □ RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) □ TABLE Foldable and height-adjustable table, attaches to the lower bed □ REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall □ REFRIG Refrigerator 33-litre, with freezer and dividers, in drawer under bed □ MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) ■ BOTH-D One bottle holder under dashboard centre section □ BOTH-DL Two bottle holders: one under dashboard centre section, one on lower bed drawer □ BOTH-L One bottle holder on lower bed drawer □ COFMA-PK Preparation kit (24 V) for coffee maker □ SOL12S 12 V single outlet in sleep compartment ■ 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) □ RH-ER Roof hatch, electrically operated, steel, with emergency exit handle □ RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm □ RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ■ GLAS-TIN Tinted windows □ GLAS-UNT Untinted windows □ SWIND-BS Rear side window on both sides ■ VANMIR Vanity mirror in front shelf lid □ AS-FUS One extra shelf in each of the two front upper storage compartments □ INFOT-PK Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door 	<ul style="list-style-type: none"> ■ FCABS-M Mechanical front cab suspension □ RCABS-A Air rear cab suspension ■ RCABS-M Mechanical rear cab suspension □ HCC-EXT Unlockable front lid - Exterior hood catch control ■ 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 □ MIRCFPCS Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH) □ MIRCMCP Camera Monitor System and passenger corner camera □ MIRCMS Camera Monitor System ■ MIRCOMF Rear-view and wide-angle mirrors (both sides), kerb observation mirror ■ AMIR-F20 Front close-view mirror above windscreen, passenger side (radius 200 mm) □ AMIR-FCR Front and corner close-view mirror, passenger side (radius 200 mm) ■ SUNV-H Exterior front sun visor, transparent dark-grey ■ AD-ROOF Roof air deflector ■ AD-SIDEL Cab side air deflectors, long □ AD-SIDES Cab side air deflectors, short □ AD-CHASX Chassis fairings, extended □ ADCF-F Aerodynamic flaps on chassis fairings ■ HL-BASIC Halogen H7 headlamps □ HL-LED LED headlamps □ HL-LED3 LED headlamps with adaptive high beam □ HL-CLEAN High-pressure headlamp cleaner □ HLP-ST Steel headlamp protectors (steel and plastic for FMX) □ HL-ADJ Manually adjustable headlamp beam ■ DRL-LED Daytime running lamps (LED) □ UDRL Without daytime running lamps (LED) □ DRIVL2 Extra main beam ■ UDRIVL Without extra main beam ■ FOGL-WC White front fog lamps □ CL-STAT Static cornering lights □ ASL-RF2 Two LED spot lamps in sign box □ IDLAMP-A Three amber identification lamps on mid front roof ■ IDLAMP-W Three white identification lamps on mid front roof □ IDLMPSW Switch in cab for identification lamps □ BEACOA2F Two amber LED beacons on cab front roof □ BEACOA2R Two amber LED beacons on cab rear roof □ BEACON-P Preparation kit for roof beacons □ BEACONA4 Four amber LED beacons on roof - two on front, two on rear □ CABPT-R1 One front cab roof pass-through on passenger side □ CABPT-R2 Two front cab roof pass-throughs, one on each side □ SPOTP-F Preparation kit for spot lamp in cab front, max 280 W □ 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 ■ HORN-F1S Single-tone Jericho horn behind grille, operated by steering wheel buttons □ HORN-R2S Two chromed single-tone air horns on the roof, operated by steering wheel buttons □ ANT-CBR Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
<p>Cab exterior</p> <ul style="list-style-type: none"> ■ EXTL-BAS Exterior trim level basic □ EXTL-EN2 Exterior trim level enhanced 2 □ EXTL-ENH Exterior trim level enhanced ■ DGLAS-H Tempered door window glass □ DGLAS-L Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation. ■ BUMP-B Plastic front bumper □ BUMP-B2 Steel front bumper □ BUMP-HD Heavy-duty front bumper □ BUMP-SP Front bumper spoiler □ AUXFS Extra footstep in cab side □ GUARD-EH Guard plate for cooling pipes and oil sump ■ BUGNET Insect screen (PVC-coated fibreglass) in front of radiator □ CTILTP-E Electric cab tilt pump ■ CTILTP-M Manual cab tilt pump □ FCABS-A Air front cab suspension 	
<ul style="list-style-type: none"> ■ Standard Equipment 	<ul style="list-style-type: none"> □ Optional Equipment

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- ACCBR-AP** Accessory brackets mounted on front roof, midroof and rear roof
- ACCBR-F** Accessory bracket mounted on front roof
- ACCBR-FM** Accessory brackets mounted on front roof and midroof
- ACCBR-FR** Accessory brackets mounted on front and rear roof
- ACCBR-M** Accessory bracket mounted on midroof
- ACCBR-R** Accessory brackets mounted on mid-roof and rear roof
- ACCBR-RM** Accessory bracket mounted on rear roof
- STUC-B** Extra storage compartment under cab, on both sides
- STUC-L** Extra storage compartment under cab, on left side
- STUC-R** Extra storage compartment under cab, on right side
- LADDER** Ladder on back of cab

Superstructure preparations

- 5WM-ISHD** Fifth wheel ISO mounting on 16 mm plates (96 mm above frame) for heavy-duty applications
- **5WM-ISOM** Fifth wheel ISO mounting on medium L-profiles (60 mm above frame)
- 5WM-MASM** Fifth wheel mounting on 50 mm L-profiles, adjustable, manual slider lock release
- **5WH150** Fifth wheel leg height 150 mm (5.90")
- 5WH185** Fifth wheel leg height 185 mm (7.28")
- 5WH190** Fifth wheel leg height 190 mm (7.48")
- 5WH290** Fifth wheel leg height 290 mm (11.41")
- 5WT-JO11** Jost JSK 38G fixed heavy-duty fifth wheel, cast iron
- 5WT-JO8** Jost JSK 37 fixed fifth wheel, cast iron
- 5WT-JO9** Jost JSK 42 fixed fifth wheel, cast iron
- 5WT-JOHD** Jost JSK 38C fixed heavy-duty fifth wheel, cast iron
- 5WT-SH** SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron
- 5WT-SH2** SAF-Holland/+GF+ SK-HD 38.36 fixed heavy-duty fifth wheel, cast iron
- 5WL-S1** Fifth wheel lubrication: locking mechanism and top plate
- TCIND** Trailer connection indication with sensors for height, kingpin and coupling lock
- **RDECK** Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
- RDECK-M** Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
- SRWL-2RA** -
- SRWL-2RW** 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
- SRWL-PK** Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
- SWL-2RA** -
- SWL-2RW** 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
- SWL-PK** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
- WL-TA1A** Amber LED work lamp on trailer arch
- WL-TA1W** White LED work lamp on trailer arch
- WLC-H2A** -
- WLC-H2W** 2 white LED work lamps, high-mounted on back of cab (switch included)
- WLC-PKH** Preparation kit (cables and switch) for high-mounted work lamps on back of cab
- WLC-PKL** Preparation kit (cables and switch) for low-mounted work lamps on back of cab
- WLC-PKLH** Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
- **ECBB-BAS** Body builder electrical centre, prepared for body builder module
- ECBB-HIG** Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
- ECBB-MED** Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
- BBCHAS1** One 7-pole bodywork connector on chassis
- BBCHAS3** Three 7-pole bodywork connectors on chassis

- BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- EXSTER** Support for external steering control via body builder module
- **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 lights, while for LED lights the system cannot identify an "open circuit".
- 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
- **FMS-PK** Fleet management system gateway, preparation kit
- TSRS2** Road sign recognition (not ISA compliant)

■ Standard Equipment □ Optional Equipment

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