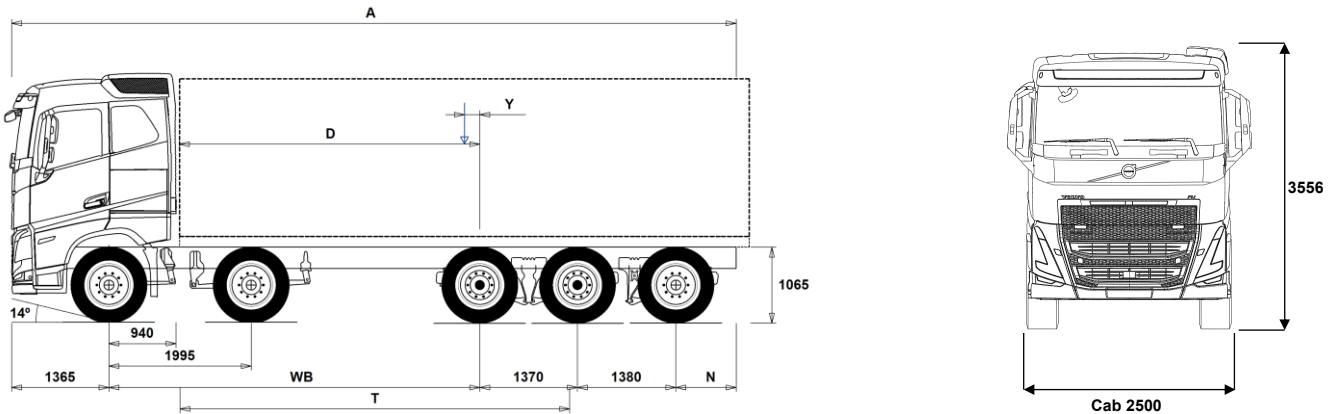


# MODEL RANGE

FH 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference application



## Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6000
A Overall Chassis Length	10810	11160	11260	11560	11710	11360	11310
D Center of rear axle to front of body	3310	3360	3610	3910	4110	4610	5010
N Rear Overhang (Min.)	845	845	845	845	845	845	845
N Rear Overhang (Max.)	2395	2695	2545	2545	2495	1645	1195
T Theoretical Wheelbase	4561	4611	4861	5161	5361	5861	6261
Y Center of Gravity for Payload (Min.)	-1149	-1143	-1131	-1115	-1108	-1093	-1080
Y Center of Gravity for Payload (Max.)	606	633	743	881	969	1179	1352

## Chassis Weights [kg]

Front Axles	7485	7465	7445	7415	7410	7405	7400
Rear Bogie	3715	3765	3810	3900	3940	3950	3995
Kerb Weight	11200	11230	11255	11315	11350	11355	11395
Payload (including body, driver, fuel, etc.)	20800	20770	20745	20685	20650	20645	20605

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	23500
Turning Circle Diameter Wall to Wall	19400	19500	20300	21300	22000	23600	24800

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	43000
Gross Combination Weight	38770	44000
Front Axles	16000	16000
Rear Bogie	24000	27000

## Important Notes

### Chassis Dimensions

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

Front Axle to Back of Cab: +141 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
Trailing/Pusher 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. Tag axle used: TA-HYDRS.

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 FH104RFT3A.

# MODEL RANGE

## FH 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference application

### TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

### CORE COMPONENTS

- CHH-HIGH** Chassis height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-MED** Chassis height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-XHIG** Chassis height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- TA-HYSB2** Tag axle - Electro-hydraulically steered
- RADDT-G2** Rear air suspension - 3 axles - 2 driven/1 tag, high ground clearance
- RADDT-GR** Rear air suspension - 3 axles - 2 driven / 1 tag
- FH-HSLP6** Cab - Globetrotter, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-LSLP6** Cab - Low Sleeper, all-steel safety cage design. Built to Swedish impact and ECE R29 regulations
- FH-SLP6** Cab - Sleeper, all-steel safety cage design with roof-mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-XHSL6** Cab - Globetrotter XL, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro VI step E
- D13S420A** Engine - New D13K420 12.8 litre developing 420hp at 14-1800rpm. Peak torque 2100Nm at 860 -1400rpm.
- D13S460A** Engine - New D13K460 12.8 litre developing 460hp at 14-1800rpm. Peak torque 2300Nm at 900-1400rpm.
- D13S500A** Engine - New D13K500 12.8 litre developing 500hp at 14-1800rpm. Peak torque 2500Nm at 1000-1400rpm.
- D13S540A** Engine - New D13K540 12.8 litre developing 540hp at 14-1800rpm. Peak torque 2600Nm at 1000-1450rpm.
- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- D13K540** D13K540 - 540hp engine

- DIESEL** Fuel Type - Diesel
- DIESEL-B** Fuel Type - Biodiesel - engine hardware - For use with up to 100% FAME EN14214 with reduced service interval and exhaust after-treatment life
- EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only. Refer to sales engineering when used in conjunction with a PTO
- AT2812** Gearbox - AT2812 12-speed I-Shift automated mechanical suitable for gross train weights up to 60 tonne. Refer to sales engineering when used in conjunction with a PTO
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne.

- 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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- ATO3112** Refer to sales engineering when used in conjunction with a PTO  
Gearbox - ATO3112 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 60tonne. Refer to sales engineering when used in conjunction with a PTO
- SPO2812** Gearbox - SPO2812 - 12-speed I-shift Dual Clutch automated mechanical GCW 60tonne
- ASO-C** Crawler gear -  
Ratio direct top gearbox 19:1  
Ratio Overdrive gearbox 17:1  
Ultra low crawler and crawler gear -  
Ratios direct top gearbox 32:1 and 19:1  
Ratios Overdrive box 32:1 and 17:1
- ASO-ULC**
- RTH2610B** Drive axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne, 4 planetary gears  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTH2610F** Drive axles - RTH2610F 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTS2310A** Drive axles - RTS2310A 23-tonne single reduction tandem with differential and cross locks\* - design GCW 100tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified
- RTS2370A** Drive axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks\* - design GCW 70tonne  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified

### PACKAGES

- FP-D13** Fuel Package
- DRIV-EXT** Cab package - Drive Extended
- DRIV-SEL** Cab Package - Drive Select
- 1LIVING** Sleep & Resting Package - Living one-bed
- 1LIVING+** Sleep & Resting Package - Living one-bed +
- 2LIVING** Sleep & Resting Package - Living two-bed
- 2LIVING+** Sleep & Resting Package - Living two-bed +
- INFOHIGH** Media Information Platform - Medium level
- SAFE-SEL** Safety Package - Select
- CHASPAC** Chassis Package Rigid

### CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FSLs-BAS** Front suspension levelling - basic stroke
- FAL16.0** Front axle design capacity - 16 tonnes - 2 x 8 tonne front axles
- FAL18.0** Front axle design capacity - 18 tonnes - 2 x 9 tonne front axles - check tyre load index
- FAL20.0** Front axle design capacity - 20 tonnes - 2 x 10 tonne front axles - check tyre load index
- FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- FSTAB** Front anti-roll bar - Normal stiffness
- FSTAB2** Front anti-roll bar - Medium stiffness
- FSTAB3** Front anti-roll bar - High stiffness
- RAL27** Rear bogie design capacity - 27 tonne
- RAL33** Rear bogie design capacity - 33 tonne
- RAL36** Rear Bogie Design Capacity - 36 tonne
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM105** Rear-axle load limiter - 10.5 tonne - speed controlled
- RALIM115** Rear-axle load limiter -11.5 tonne - speed controlled
- RALIM13** Rear-axle load limiter - 13 tonne
- RALIM95** Rear-axle load limiter - 9.5 tonne

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■ <b>ASF-DL1</b>	Air suspension with 1 driving level	□ <b>TB-L80</b>	Toolbox 800 mm, left side
□ <b>ACTST-TO</b>	Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay	□ <b>TB-R80</b>	Toolbox 800 mm, right side
□ <b>ASFE-BAS</b>	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	□ <b>SUP-BAS</b>	Side guards - Check with bodybuilder chassis space requirements
□ <b>ASFE-OG</b>	Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer	□ <b>SUP-LOW</b>	EC approved low chassis side guards
□ <b>ASFE-PO</b>	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist	□ <b>CHAIN-S</b>	Snow chains
□ <b>ASFE-PS</b>	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	□ <b>HOOK-SC</b>	Snow chain hooks
■ <b>PSP-VAR</b>	Power steering pump - Variable displacement	■ <b>TOWF-NO1</b>	Front towing device - One detachable - stored in cab
□ <b>PSP-VAR2</b>	Power steering pump - Variable displacement with electronic control	□ <b>TOWF-NO2</b>	Front towing device - Two detachable - stored in cab
■ <b>EBS-MED</b>	Brake package - EBS medium including "hill" hold function	□ <b>TOWMBRH</b>	Towing member, high mounted in centre of frame, D = 190
□ <b>AUXPARK</b>	Auxiliary parking brake - Additional spring brakes	□ <b>TOWMBRL1</b>	Towing member, low mounted under the frame
■ <b>RST-AIR</b>	Rear suspension type - Air	□ <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange
■ <b>FRAME300</b>	Chassis frame section external height - 300 mm	■ <b>RFEC-S</b>	Rear frame profile - Straight cut
■ <b>FST8080</b>	Chassis frame thickness - 8 mm web and flange	□ <b>RFEC-U</b>	Rear frame profile - Slight uppercut for tipplers
■ <b>FIL-EEEE</b>	Chassis frame inner liner - From the end of the engine to the end of the bogie	□ <b>C-RI4040</b>	Towing coupling, Ringfeder 4040A
□ <b>FIL-EEEF</b>	Chassis frame inner liner - From the end of the engine to end of the frame	□ <b>C-RI5050</b>	Towing coupling, Ringfeder 5050A
■ <b>BBOX-L</b>	Battery box position - Left hand side	□ <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes
□ <b>2BAT210B</b>	Battery Capacity - 2 x 210 Ah - Gel type	□ <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer
■ <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	□ <b>C-VBG795</b>	VBG 795V-3 coupling (centre axle trailer)
■ <b>BATTAMP</b>	Battery management - Voltage and current gauge	□ <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember
□ <b>BATTIND</b>	Battery management - Voltage, current and charge indicators	□ <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring
□ <b>ADR2</b>	ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately	□ <b>TREL14</b>	Single 14 pole electrical trailer connector
□ <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	□ <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified
□ <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	□ <b>TREL7</b>	7 pole - 24N trailer electrical suzie
■ <b>UR-FUEL</b>	Right fuel tank - Without Min volume 255l Max volume 810l	□ <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
■ <b>UL-FUEL</b>	Left fuel tank - Without Min volume 160l Max volume 450l	□ <b>TBC-DUO</b>	Trailer brake connections - Duomatic type
□ <b>ADTP-L</b>	AdBlue tank position - Chassis mounted on the left-hand side	□ <b>TBC-EC</b>	Trailer brake connections - EC palm coupling connectors
■ <b>ADTP-R</b>	AdBlue tank position - Chassis mounted on the right-hand side	□ <b>TRBR-STA</b>	Stationary trailer brake control
□ <b>ADB032</b>	Plastic AdBlue tank - 32 litres	□ <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
□ <b>ADB048</b>	Plastic AdBlue tank - 48 litre	□ <b>FFEND-B</b>	Standard mounted mud wings on second front axle
□ <b>ADB064</b>	Plastic AdBlue tank - 64 litre	□ <b>FFEND-T</b>	Transport mounted mud wings on second front axle
□ <b>ADTC-BF</b>	AdBlue tank cover with satin alloy look decorative cover	□ <b>RFEND-B</b>	Rear mud wings - Three piece EC approved and spray flaps
■ <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking	□ <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
■ <b>FUFF-AS</b>	Fuel filler - Anti-spill device	□ <b>RFH-BAS</b>	Basic rear wing height
□ <b>FUFF-ATS</b>	Fuel filler - Anti-spill & anti-syphon device	□ <b>RFH-HIG</b>	High rear wing height - higher wing tops
□ <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet	□ <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
■ <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet	□ <b>ATANK-AL</b>	Air tanks - Aluminium
□ <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet	■ <b>ATANK-ST</b>	Air tanks - Steel
□ <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet	□ <b>TL-LED</b>	Rear lights - LED
□ <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished	■ <b>BLIGHT-E</b>	Emergency brake light
□ <b>EXST-ST</b>	Steel exhaust stack		
□ <b>WHC-FIX2</b>	Wheel chocks - Two fixed design		
□ <b>WHC-FOL2</b>	Two foldable wheel chocks		
□ <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle		
□ <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle		
□ <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker		

### WHEELS & TYRES

□ <b>RT-AL</b>	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
□ <b>RT-ALDP</b>	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
□ <b>RT-ALDPD</b>	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
□ <b>RT-ALDU</b>	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
■ <b>RT-STEEL</b>	Wheels - Steel rims
□ <b>WCAP</b>	Aerodynamic hub caps
□ <b>SPWT-D</b>	Spare wheel & tyre with rear tyre pattern
□ <b>SPWT-F</b>	Spare wheel & tyre with front tyre pattern
□ <b>SWCP-T</b>	Spare wheel supplied temporarily strapped to chassis
□ <b>SWCP-TP</b>	Temporary spare wheel carrier on top of chassis frame
□ <b>JACK-12T</b>	12 tonne bottle jack
□ <b>JACK-15T</b>	15 tonne bottle jack
□ <b>JACK-20T</b>	20 tonne bottle jack

■ Standard Equipment      □ Optional Equipment

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■ <b>TOOL-BAS</b>	Toolkit - Basic	□ <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox
□ <b>TOOLKIT</b>	Toolkit - Complete	□ <b>HPG-F101</b>	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
□ <b>INFLAHOS</b>	Tyre inflation hose	□ <b>HPG-F41</b>	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
□ <b>GAUGE-TP</b>	Tyre pressure gauge	□ <b>HPG-F51</b>	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
<b>DRIVELINE EQUIPMENT</b>		□ <b>HPG-F61</b>	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
□ <b>TRAP-HD</b>	Reinforced gearbox application	□ <b>HPG-F81</b>	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
■ <b>DRM-BE</b>	Drive mode - Balanced & Economy	■ <b>STWPOS-R</b>	Steering wheel position - RIGHT-HAND DRIVE
□ <b>DRM-E</b>	Drive mode - Economy	□ <b>STWM-LE</b>	Steering wheel - Leather
□ <b>PVT-MAP</b>	I-See Predictive Cruise Control - using map-based topography information	□ <b>STGW-AD2</b>	Steering wheel adjustment - Neck tilt, column height and angle
■ <b>PVT-MTM</b>	I-See Predictive Cruise Control - using map-based topography information with lower operating settings	■ <b>STGW-ADJ</b>	Steering wheel adjustment - Column height and angle
■ <b>CRUIS-E</b>	Cruise control - with I-roll and I-cruise, controls in steering wheel	□ <b>AIRBAG</b>	Driver air bag
□ <b>CRUIS-E5</b>	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	■ <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
□ <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	■ <b>1DAYDIG4</b>	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
□ <b>AVO-ENH</b>	I-Shift application software - Construction and off road applications	□ <b>ARSL</b>	Additional road speed limit - switch in dashboard
□ <b>APF-ENH</b>	I-shift enhanced PTO functions	□ <b>ESP-BAS1</b>	Electronic Stability Control ESC
□ <b>CD43-O</b>	Clutch - 430mm twin plate	□ <b>ESPC-RO</b>	Additional ESC functions - Reduced / Off
□ <b>TC-MAOH2</b>	Extra high performance transmission oil cooler - air to oil with front mounted radiator	□ <b>HWSS-AC</b>	Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
□ <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	□ <b>HWSS-ACB</b>	Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
□ <b>2COM1100</b>	Air compressor - Two-cylinder 1100 litres per minute	■ <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
□ <b>2COMP870</b>	Air compressor - Two-cylinder 870 litres per minute	□ <b>LSS-DW</b>	Lane departure warning system
■ <b>2COMP900</b>	Air compressor - Two-cylinder 900 litres per minute	□ <b>LSS-DW3</b>	Lane departure warning system with pilot assist
□ <b>CLU-AIRC</b>	Clutchable air compressor	■ <b>LCS4</b>	Side Collision Avoidance Support - passenger and driver side
□ <b>AIRIN-FR</b>	Front air intake fitted to the underside of cab engine tunnel	■ <b>DAS-W</b>	Driver Alert Support system
■ <b>AIRIN-HI</b>	Air intake - Roof-mounted behind cab on the left-hand side	□ <b>RSENS-W</b>	Rain sensing windscreen wipers
□ <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	■ <b>CU-ECC</b>	Cab climate Unit - Electrically controlled air conditioning with sun sensor
□ <b>ACL1ST-S</b>	Air filter - two-stage element	□ <b>CU-ECC2</b>	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
□ <b>24A150BL</b>	Alternator capacity - 150 amp	■ <b>IGT-BUT</b>	Vehicle starting - Push-button
■ <b>24A180BL</b>	Alternator capacity - 180 amp	■ <b>IMMOBIL</b>	Immobiliser
□ <b>24AL110B</b>	Alternator capacity - 110 amp	□ <b>ALARM-E</b>	Vehicle alarm - Cab plus external sensor for body/trailer
□ <b>24AL150B</b>	Alternator capacity - 150 amp	□ <b>AUD-EXT</b>	Extended audio - Amplifier
□ <b>CCV-C</b>	Closed crankcase engine ventilation	□ <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)
■ <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	□ <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side
■ <b>PRIM-EL</b>	Electrical priming pump	■ <b>ISUNS-DS</b>	Side sun visor - Driver-side
□ <b>PRIM-MAN</b>	Manual priming pump	□ <b>ISUNF-RE</b>	Electrically operated textile interior sun blind
□ <b>AF-R</b>	Hot fuel recirculation heated fuel filter	■ <b>ISUNF-RM</b>	Manually operated textile interior sun blind
■ <b>FUEFE2LW</b>	Large engine mounted dual fuel filter with water separator	□ <b>CSPL-BX</b>	Lower center dash open storage box
□ <b>EST-AID</b>	Engine starting aid -Preheating element in the air inlet manifold	■ <b>CSPL-BXD</b>	Lower centre dash drawer
□ <b>220EBH15</b>	220V/1.5Kw electric engine block heater	□ <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
□ <b>PTER-DIN</b>	Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump Models with 3 steering axles will use this to drive the steering pump (AUXPSP)	■ <b>BUPALARM</b>	Reverse alarm
□ <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	□ <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
□ <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	□ <b>LOADIND</b>	Load indicator with central dashboard display
□ <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed	□ <b>REMC-MF</b>	Multi-functio wireless remote control
□ <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump	□ <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base
□ <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump		
□ <b>PTR-F</b>	Gearbox driven PTO with rear flange connection		
□ <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps		

■ Standard Equipment      □ Optional Equipment

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<input type="checkbox"/> <b>WARNVEST</b>	High visibility warning vest - No sleeves	<input checked="" type="checkbox"/> <b>SLCP-BAS</b>	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> <b>SLCP-LUX</b>	Sleeper control panel - Luxury with switches for interior light, night heater, roof hatch, door lock, alarm clock, window and radio
<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> <b>SAFE</b>	Driver's Safe Box
<input type="checkbox"/> <b>WARNLAMP</b>	Portable warning lamp	<input type="checkbox"/> <b>RUS-BAS</b>	Rear cab upper storage - 300 mm high
<input type="checkbox"/> <b>LAMP-IN</b>	Inspection lamp	<input type="checkbox"/> <b>RUS-HIG</b>	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> <b>BULBKIT</b>	Bulb and fuse kit	<input type="checkbox"/> <b>TABLE</b>	Bunk table - Folding and height adjustable fitted on lower bunk
<input checked="" type="checkbox"/> <b>WRITEPAD</b>	Writing pad	<input type="checkbox"/> <b>REFR-RUS</b>	Fridge - 28 litre rear upper wall mounted with dividers
<input checked="" type="checkbox"/> <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> <b>REFRIG</b>	Fridge - 33 litre under-bunk mounted with freezer dividers
<input type="checkbox"/> <b>DST-CF5</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> <b>MICRO-PK</b>	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> <b>DST-CF6</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> <b>BOTH-D</b>	Bottle holder - One under dashboard centre section
<input type="checkbox"/> <b>DST-LUX1</b>	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt	<input type="checkbox"/> <b>BOTH-DL</b>	Bottle holders - Two. One under dashboard centre section and one mounted to the under bunk drawer
<input type="checkbox"/> <b>DST-LUX2</b>	Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support & heating with integrated seatbelt	<input type="checkbox"/> <b>BOTH-L</b>	Bottle holder - One mounted to the under bunk drawer
<input type="checkbox"/> <b>SBD-RED</b>	Seat belt colour - Red	<input type="checkbox"/> <b>COFMA-PK</b>	Coffee maker - Preparation kit.
<input type="checkbox"/> <b>SBPRE-DS</b>	Driver seat belt pretensioner	<input checked="" type="checkbox"/> <b>INLI-BAS</b>	Interior light - White LEDs
<input type="checkbox"/> <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>INLI-NL</b>	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> <b>PST-CF4</b>	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> <b>INLI-NLD</b>	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> <b>PST-CF5</b>	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> <b>ARL-FLEX</b>	Flexible reading lamps - Two "snake" type
<input type="checkbox"/> <b>PST-RX1</b>	Passenger seat - Fixed non suspended, features: 90-degree rotation and tilt function with seatbelt mounted on cab "B" post	<input checked="" type="checkbox"/> <b>RH-EE</b>	Fixed tinted glass sky window with emergency exit
<input checked="" type="checkbox"/> <b>PST-STD2</b>	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>RH-ER</b>	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>RH-ETR</b>	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> <b>SBPRE-PS</b>	Passenger seat belt pretensioner	<input type="checkbox"/> <b>RH-MTR</b>	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> <b>ARMRE-BB</b>	Armrests - Two on both driver & passenger seats	<input checked="" type="checkbox"/> <b>GLAS-TIN</b>	Cab windows - Tinted
<input type="checkbox"/> <b>ARMRE-DB</b>	Armrests - Two on the driver seat	<input type="checkbox"/> <b>SWIND-BS</b>	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> <b>ARMRE-PB</b>	Armrests - Two on the passenger seat	<input checked="" type="checkbox"/> <b>VANMIR</b>	Vanity mirror - In front shelf
<input type="checkbox"/> <b>ARU-BAS</b>	Armrest upholstery - Vinyl	<input type="checkbox"/> <b>AS-FUS</b>	Extra shelf in front compartments
<input type="checkbox"/> <b>ARU-LEA</b>	Armrest upholstery - Leather	<input type="checkbox"/> <b>INFOT-PK</b>	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input checked="" type="checkbox"/> <b>GRABHI-B</b>	Instep cab grab handle - Steel finish	<b>CAB EXTERIOR</b>	
<input type="checkbox"/> <b>GRABHI-L</b>	Instep cab grab handle - Leather finish	<input type="checkbox"/> <b>EXTL-BAS</b>	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input checked="" type="checkbox"/> <b>FMAT-RUB</b>	Footwell floor mats - Rubber	<input type="checkbox"/> <b>EXTL-EN2</b>	Enhanced complete painted finish - Satin Volvo badges. Main grille, instep, door handles, mirror housing, and bumper in cab colour. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
<input type="checkbox"/> <b>FMAT-TX2</b>	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab	<input type="checkbox"/> <b>EXTL-ENH</b>	Enhanced exterior finish - Painted grille in cab colour with grey instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified, and aluminium step inserts
<input checked="" type="checkbox"/> <b>LBK80F</b>	Lower bunk - Fixed with wide middle section 815 in the centre x 2000 mm	<input checked="" type="checkbox"/> <b>DGLAS-H</b>	Door glass - Hardened
<input type="checkbox"/> <b>LBK80FRE</b>	Lower bunk - Electrically operated recliner with wide middle section 815 in the centre x 2000 mm	<input type="checkbox"/> <b>DGLAS-L</b>	Door glass - Laminated
<input type="checkbox"/> <b>LBK80FRM</b>	Lower bunk - Manually operated recliner with wide middle section 815 in the centre x 2000 mm	<input checked="" type="checkbox"/> <b>BUMP-B</b>	Front bumper - Plastic
<input type="checkbox"/> <b>MATL-FI</b>	Lower mattress - Firm pocket sprung	<input type="checkbox"/> <b>BUMP-B2</b>	Front bumper - Steel
<input type="checkbox"/> <b>MATL-FI4</b>	Lower mattress - Firm, memory foam, 2000x700x130 mm	<input type="checkbox"/> <b>BUMP-HD</b>	Front bumper - Heavy duty
<input checked="" type="checkbox"/> <b>MATL-SF</b>	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone	<input type="checkbox"/> <b>BUMP-SP</b>	Front bumper spoiler
<input type="checkbox"/> <b>OLMAT-BA</b>	Mattress overlay protector - 35mm thick	<input type="checkbox"/> <b>AUXFS</b>	Lower swinging cab step
<input type="checkbox"/> <b>OLMAT-PR</b>	Mattress overlay protector - Premium 50mm thick	<input type="checkbox"/> <b>GUARD-EH</b>	Sump and radiator guard - to protect engine and hoses
<input type="checkbox"/> <b>TBK60AD</b>	Top bunk - Height adjustable foldable 600 x 1900mm	<input checked="" type="checkbox"/> <b>BUGNET</b>	Radiator insect screen
<input type="checkbox"/> <b>TBK60F</b>	Top bunk - Fixed foldable 600 x 1900mm	<input type="checkbox"/> <b>CTILT-P-E</b>	Electrically operated hydraulic cab tilt
<input type="checkbox"/> <b>TBK70AD</b>	Top bunk - Height adjustable foldable 700 x 1900mm	<input checked="" type="checkbox"/> <b>CTILT-P-M</b>	Manually operated hydraulic cab tilt
<input type="checkbox"/> <b>TBK70F</b>	Top bunk - Fixed foldable 700 x 1900mm	<input type="checkbox"/> <b>FCABS-A</b>	Front cab suspension - Air
<input type="checkbox"/> <b>PH-CAB2</b>	Cab parking heater -1.8kW Air to air	<input checked="" type="checkbox"/> <b>FCABS-M</b>	Front cab suspension - Mechanical spring
<input type="checkbox"/> <b>PH-ENGCA</b>	Cab parking heater - Engine and cab	<input type="checkbox"/> <b>RCABS-A</b>	Rear cab suspension - Air
		<input checked="" type="checkbox"/> <b>RCABS-M</b>	Rear cab suspension - Mechanical spring

Standard Equipment

Optional Equipment

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# MODEL RANGE

## FH 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference application

<input type="checkbox"/> <b>HCC-EXT</b>	Exterior hood catch - manually operated from the front of the vehicle	<input type="checkbox"/> <b>SWL-2FW</b>	Chassis-mounted working lamps - Two white front mounted LED lamps
<input checked="" type="checkbox"/> <b>HCC-INEX</b>	Lockable front service hatch - Activated by door lock remote	<input type="checkbox"/> <b>SWL-2RW</b>	Chassis-mounted working lamps - Two white rear mounted LED lamps
<input type="checkbox"/> <b>MIRCFPCS</b>	Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm	<input type="checkbox"/> <b>SWL-4W</b>	Chassis-mounted working lamps - Four white front and rear mounted LED lamps
<input type="checkbox"/> <b>MIRCMCP</b>	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.	<input type="checkbox"/> <b>SWL-PK</b>	Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
<input type="checkbox"/> <b>MIRCMS</b>	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror	<input type="checkbox"/> <b>WLC-H2A</b>	Working lamp back of cab - Two amber LED high mounted
<input checked="" type="checkbox"/> <b>MIRCOMF</b>	Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror	<input type="checkbox"/> <b>WLC-H2W</b>	Working lamp back of cab - Two white LED high mounted at the back of cab
<input checked="" type="checkbox"/> <b>AMIR-F20</b>	Auxiliary front view mirror with a 200mm radius	<input type="checkbox"/> <b>WLC-PKCH</b>	Working lamp back of cab - Preparation kit - cables and switch
<input type="checkbox"/> <b>SUNV-H</b>	External smoke grey sunvisor	<input type="checkbox"/> <b>WLC-PKH</b>	Preparation kit, cables and switch for high mounted working lamps back of cab
<input type="checkbox"/> <b>AD-ROOF</b>	Cab roof deflector - Adjustable	<input type="checkbox"/> <b>WLC-PKL</b>	Preparation kit, cables and switch for low mounted working lamps back of cab
<input type="checkbox"/> <b>AD-SIDES</b>	Cab side deflector - Short extension panels	<input type="checkbox"/> <b>WLC-PKLH</b>	Preparation kit - cables and switch for low and high mounted working lamps back of cab.
<input checked="" type="checkbox"/> <b>HL-LED</b>	Headlights - LED	<input checked="" type="checkbox"/> <b>ECBB-HIG</b>	Bodybuilder module - High level body electrical centre in dash input/output module
<input type="checkbox"/> <b>HL-LED3</b>	Headlights - LED Adaptive high beam	<input type="checkbox"/> <b>ECBB-MED</b>	Bodybuilder module - Medium level body electrical centre in dash input/output module
<input checked="" type="checkbox"/> <b>HL-CLEAN</b>	Headlight cleaner - Washer jets	<input type="checkbox"/> <b>BBCHAS1</b>	One 7-pole connector for Body builder interface
<input type="checkbox"/> <b>HLP-ST</b>	Headlight protection	<input type="checkbox"/> <b>BBCHAS3</b>	Three 7-pole connectors for Body builder interface
<input type="checkbox"/> <b>DRIVL2</b>	Two spot lamps	<input type="checkbox"/> <b>BEPR-T2</b>	Body builder electrical software preparation for tipper with remote control
<input checked="" type="checkbox"/> <b>UDRIVL</b>	Auxiliary driving lights - Without	<input type="checkbox"/> <b>EXSTER</b>	External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
<input checked="" type="checkbox"/> <b>FOGL-WC</b>	Front fog lights	<input checked="" type="checkbox"/> <b>TD-LED</b>	Trailer detection with LED sensing
<input type="checkbox"/> <b>CL-STAT</b>	Static corner lights	<input type="checkbox"/> <b>FRFS-BS</b>	Frame rail free space - both sides to give space for crane legs or other equipment.
<input type="checkbox"/> <b>ASL-RF2</b>	Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box	<input type="checkbox"/> <b>FBA-BTF</b>	Lower front body attachments for torsionally flexible - platform body
<input type="checkbox"/> <b>BEACOA2F</b>	Roof beacons - Two front roof mounted amber LED	<input type="checkbox"/> <b>FBA-BTSF</b>	Lower front body attachments for torsionally semi-flexible body - box or curtainsider
<input type="checkbox"/> <b>BEACOA2R</b>	Roof beacons - Two rear roof mounted amber LED	<input type="checkbox"/> <b>HBA-FSFB</b>	Holes for body attachments - flexible/semi-flexible body
<input type="checkbox"/> <b>BEACON-P</b>	Roof beacons - switch and wiring preparation only	<input type="checkbox"/> <b>HBA-SB</b>	Holes for body attachments - stiff body
<input type="checkbox"/> <b>BEACONA4</b>	Roof beacons - Four amber LED - two front/ two rear	<input type="checkbox"/> <b>RBA-T2</b>	Lower rear body attachments for helper frame
<input type="checkbox"/> <b>CABPT-R1</b>	Single outlet for roof mounted accessories	<input type="checkbox"/> <b>CRANEPK1</b>	Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
<input checked="" type="checkbox"/> <b>CABPT-R2</b>	Twin outlets for roof mounted accessories.	<input type="checkbox"/> <b>CRANEPK2</b>	Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
<input type="checkbox"/> <b>SPOTP-F</b>	Spotlamp preparation in front, max 280W	<input type="checkbox"/> <b>CRANEPK4</b>	Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
<input type="checkbox"/> <b>SPOTP-R</b>	Spotlamp preparation on roof, max 280W	<input type="checkbox"/> <b>AUXL-SPK</b>	Electrical preparation kit - wiring and switch for snow plough lights
<input type="checkbox"/> <b>SPOTP-RF</b>	Spotlamp preparation on cab roof and in cab front, max 2x280W	<input type="checkbox"/> <b>TAILPRE2</b>	Tail lift preparation kit, wireless remote operation
<input type="checkbox"/> <b>ROS-IL2</b>	Preparation kit for illuminated roof sign with switch loose in cab, fit after registration	<input type="checkbox"/> <b>TAILPREP</b>	Taillift preparation kit - cab switch and warning in driver display
<input type="checkbox"/> <b>ROS-ILP</b>	Roof sign illumination preparation kit	<input type="checkbox"/> <b>AESW2</b>	Two Body builder bistable electrical switches (marked AUX1 / AUX2)
<input type="checkbox"/> <b>CSGN-GTR</b>	Cab sign logo - Volvo "Globetrotter" or "Power" sign	<input type="checkbox"/> <b>AESW2PK</b>	2 Body builder bistable el. switches (marked AUX1/AUX2) and prep. for 4 more switches
<input checked="" type="checkbox"/> <b>HORN-F1S</b>	Horn - Air single tone - chassis mounted	<input type="checkbox"/> <b>AUXSW-4</b>	Wiring for 4 extra switches (from Body builder electrical centre to switch positions)
<input type="checkbox"/> <b>HORN-R2S</b>	Horn - Air - Two roof-mounted	<b>DELIVERY SERVICES</b>	
<input type="checkbox"/> <b>ANT-CBR</b>	Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.	<input checked="" type="checkbox"/> <b>TGW-4GWL</b>	Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
<input type="checkbox"/> <b>ACCBR-AP</b>	Front, middle & rear roof mounted accessory brackets	<input type="checkbox"/> <b>FMS-PK</b>	Fleet management system gateway - Required for aftermarket telematics
<input type="checkbox"/> <b>ACCBR-F</b>	Front roof mounted accessory bracket	<input type="checkbox"/> <b>DRUT1</b>	Driver utility app - "My Truck" - 1 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
<input type="checkbox"/> <b>ACCBR-FM</b>	Front & middle roof mounted accessory brackets	<input type="checkbox"/> <b>DRUT2</b>	Driver utility app - "My Truck" - 2 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
<input type="checkbox"/> <b>ACCBR-FR</b>	Front & rear roof mounted accessory brackets		
<input type="checkbox"/> <b>ACCBR-M</b>	Middle roof mounted accessory bracket		
<input type="checkbox"/> <b>ACCBR-R</b>	Rear roof mounted accessory bracket		
<input type="checkbox"/> <b>ACCBR-RM</b>	Rear & middle roof mounted accessory brackets		
<input type="checkbox"/> <b>STUC-B</b>	Left and right storage compartments under cab		
<input type="checkbox"/> <b>STUC-L</b>	Left storage compartment under cab		
<input type="checkbox"/> <b>STUC-R</b>	Right storage compartment under cab		
<input type="checkbox"/> <b>REFS-TW</b>	White cab conspicuity markings by packed in cab		
<input type="checkbox"/> <b>REFS-TY</b>	Yellow cab conspicuity markings by packed in cab		

Standard Equipment

Optional Equipment

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FH 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference application

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- **DRUT3** Driver utility app - "My Truck" - 3 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT4** Driver utility app - "My Truck" - 4 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT5** Driver utility app - "My Truck" - 5 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription