Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -283 mm for CAB-LSLP, +450 mm for CAB-XHSL.
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.
Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max) for selected wheelbase.
All dimensions are for unladen chassis and any tag axles down.
Weight and dimensions are based upon the following tyres:
Front Axle Tyres: 315/80R22.5  Drive Axle Tyres: 315/80R22.5

Weight and dimensions are for unladen chassis and any tag axles down.
Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max) for selected wheelbase.

Chassis weight includes oil, water, AdBlue, 70 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 FH64R3CA.

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### Transport operation
- **RC-ROUGH**
  - Rough road conditions.
  - Less than 95% of the driven distance on well maintained or less maintained surfaced roads.
  - In total not more than 5% of the driven distance on:
    - Very badly maintained surfaced roads.
    - Hard packed sand or gravel surface of very bad quality.
    - Washboards.
    - Soft unprepared surface.
    - Off-road.
- **TIPP-PRE**  Tipper vehicle preparation
- **UNIFORM**  Basic platform vehicle

### Core components
- **CHM-XHG**  Chassis height extra high - approx. 1030 mm above ground level
- **RADD-GZ**
  - Rear air suspension, 2 axles - 2 driven, high ground clearance
- **FH-HSLP**
  - FH Globetrotter sleeper cab
- **FH-LSLP**
  - FH Low sleeper cab
- **FH-SLP**
  - FH Sleeper cab
- **EU6SCR**
  - Euro 6 emission level with Selective Catalytic Reduction (SCR), particulate filter and Exhaust Gas Recirculation (EGR)
- **D13K420**
  - Diesel engine, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 420 hp, 2100 Nm
- **D13K460**
  - Diesel engine, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 460 hp, 2300 Nm
- **D13K500**
  - Diesel engine, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 500 hp, 2500 Nm
- **D13K540**
  - Diesel engine, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 540 hp, 2600 Nm
- **EBR-EPG**
  - Engine brake with exhaust pressure governor, EPG
- **EBR-EPGC**
  - Volvo engine compression brake with exhaust pressure governor, EPG (for I-shift)
- **EBR-VEB**
  - Volvo Engine Brake, VEB (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412F**
  - I-Shift automated mechanical 12-speed gearbox without clutch pedal, max. engine torque 2400 Nm, max. permitted GCW 44000 kg
- **AT2612F**
  - I-Shift automated mechanical 12-speed gearbox without clutch pedal, max. engine torque 2600 Nm, max. permitted GCW 100000 kg
- **ATO2612F**
  - I-Shift automated mechanical 12-speed overdrive gearbox without clutch, max. engine torque 2600 Nm, max. permitted GCW 100000 kg
- **SPO2812**
  - Semi power shift dual clutch 12-speed overdrive gearbox, max. engine torque 2800 Nm, max. permitted GCW 80 000 kg
- **VT2214B**
  - Manual range & splitter 14-speed gearbox, max. engine torque 2400 Nm, max. permitted GCW 100000 kg
- **VT2514B**
  - Manual range & splitter 14-speed gearbox, max. engine torque 2500 Nm, max. permitted GCW 100000 kg
- **VT2814B**
  - Manual range & splitter 14-speed gearbox, max. engine torque 2800 Nm, max. permitted GCW 100000 kg
- **VTO2214B**
  - Manual range & splitter 14-speed overdrive gearbox, max. engine torque 2400 Nm, max. permitted GCW 100000 kg
- **VTO2514B**
  - Manual range & splitter 14-speed overdrive gearbox, max. engine torque 2500 Nm, max. permitted GCW 100000 kg
- **VTO2814B**
  - Manual range & splitter 14-speed overdrive gearbox, max. engine torque 2800 Nm, max. permitted GCW 100000 kg
- **TAAXLIFT**
  - Tandem axle lift for driven bogie axle
- **RTH2610F**
  - Rear hub reduction tandem axles - bogie load 26 tonnes, GCW 100 tonnes
- **RTS2370A**
  - Rear single reduction tandem axles - bogie load 23 tonnes, GCW 70 tonnes

### Packages
- **DRIVE**
  - Driving package FH
- **DRIVE+**
  - Driving plus package FH
- **DRIVE++**
  - Driving plus plus package FH
- **1BED**
  - FH sleeping/resting package with 1 bed
- **1BED+**
  - FH sleeping/resting package plus with 1 bed
- **2BED**
  - FH sleeping/resting package with 2 beds
- **2BED+**
  - FH sleeping/resting package plus with 2 beds
- **AUDBAS**
  - Audio basic. RDS radio with CD player, FM/AM antenna and speakers in dashboard & doors & sleeping compartment, integrated bluetooth phone and USB/Line inputs.
- **AUDHIG**
  - High power audio system. RDS radio with CD player (also playing mp3/wma/wav files from CD), FM/AM antenna, speakers in dashboard & doors & sleeping compartment, integrated bluetooth phone and USB/Line inputs.
- **VISH1**
  - Visibility package
- **VISH1+**
  - Visibility plus package
- **VISIC15**
  - Visibility package FH Construction
- **ASAFEFH**
  - Active safety package
- **OFFRFH**
  - Construction package for FH
- **PEPROT**
  - Personal protection package
- **FST-PAR3**
  - 3 leaf front parabolic suspension (stiffer than normal)
- **FAL10.0**
  - Front axle load 10.0 tonnes
- **FAL8.0**
  - Front axle load 8.0 tonnes
- **FAL9.0**
  - Front axle load 9.0 tonnes
- **FALIM**
  - Front axle load limiter
- **FSTAB**
  - Front stabilizer with normal stiffness
- **FSTAB2**
  - Front stabilizer with medium high stiffness
- **FSTAB3**
  - Front stiff stabilizer
- **RAL21**
  - Rear axles load 21 tonnes
- **RAL23**
  - Rear axles load 23 tonnes
- **RAL26**
  - Rear axles load 26 tonnes
- **RSTAB3**
  - Rear stiff stabilizer
- **RALIM10S**
  - First rear drive axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM11S**
  - First rear drive axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13**
  - First rear drive axle load limiter, 13 tonnes
- **ASFLD3**
  - Air suspension with 3 driving levels
- **ACTST-TO**
  - Volvo Dynamic Steering (VDS) with extra pump and torque overlay
- **PSF-FIX**
  - Power steering pump with fixed displacement
- **PSF-VAR**
  - Power steering pump with variable displacement
- **EBS-MED**
  - EBS (Electronic Brake System) medium package:
    - ABS Lining Wear Sensing (20 % left)
    - Lining Wear Control (incl. wear on the axle)
    - Brake Blending
    - Drag Torque Control
    - Diff Lock Synchronization
    - Diff lock Control
    - Brake Temperature Warning
    - External Brake Demand
    - Diagnosis Via Truck Electronic System
    - Traction Control System
    - Emergency Brake Assistance
    - Constant Wheel Brake Monitoring
    - Coupling Force Control
    - Automatic Parking Brake Activation
    - Lining Wear Analyses (calc of remaining mileage)
    - Hill Starting Assistance
    - EBS status monitoring via Truck Electronic System
- **Auxpark**
  - Two extra parking brake chambers
- **FBREG-E**
  - Front axle regulating brake valve for EBS
- **FRAME300**
  - Frame rail section external height 300 mm
- **FST7070**
  - Frame section thickness - web 7.0 mm / flange 7.0 mm

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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- **FST808** Frame section thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EFEB** Frame inner liner from end of engine end to end of bogie
- **FIL-FFEB** Frame inner liner from end of engine end to frame
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **BBXO-L** Battery box on left hand side
- **2BATT170** Batteries 2x170 Ah
- **2BATT225** Batteries 2x225 Ah
- **BATTAMP** Battery voltage and amperge gauge
- **AD2R** ADR adaptation, transportation of dangerous goods, 2 switches (1 inside cab, 1 outside cab)
- **MSWI-A** ADR main switch - ADR switch circuit shut down
- **MSWI-R** Remote controlled main switch - remote controlled (key fob) circuit shut down
- **R315A56** Right 315 litre aluminium 560 mm high D-shaped diesel tank. Usable volume is 97% of stated volume. Min volume 255l Max volume 885l
- **UL-FUEL** Without left diesel tank Min volume 160l Max volume 730l
- **ADTP-L** AdBlue tank on left hand side (for dual front axles between the axes)
- **ADTP-R** AdBlue tank on right hand side
- **ADDB048** AdBlue tank usable volume 48 litres
- **ADDB064** AdBlue tank usable volume 64 litres
- **ADDB068** AdBlue tank usable volume 68 litres
- **ADDB090** AdBlue tank usable volume 90 litres
- **FCAP-L** Lockable diesel and AdBlue tank caps
- **FUSS-AS** Fuel filling anti-spillage device
- **ESH-LEFT** Horizontal muffler, left exhaust outlet
- **ESH-REAR** Horizontal muffler, rear exhaust outlet
- **ESH-VERT** Horizontal muffler, vertical exhaust outlet on right hand side
- **EVS-VERT** Vertical muffler, vertical exhaust outlet on right hand side
- **EXT-SSP** Bright polished vertical stainless steel exhaust top pipe
- **EXT-ST** Aluminized steel vertical exhaust top pipe
- **HS-NAR** Narrow Euro 6 muffler heat shield. Partly (due to heat release) reduced distance (moved inwards) to silencer. Makes better space for e.g. support legs.
- **WHC-FIX2** Two fixed wheel chocks
- **WHC-FOL2** 2 foldable wheel chocks
- **WHCP-F** Wheel chocks(s) in the front part of the vehicle. - TRACTOR, BBOX-L, Fold, 1/2 w chocks = Top of left side battery box - TRACTOR, BBOX-EF, Fold, 1/2 w chocks = Top of left side fuel tank - TRACTOR, BBOX-EF, Fix, 2 w chocks = Left frame front of fuel tank - RIGID, 1 front axle, Fix, 1/2 w chocks = Top of left side battery box - RIGID, 2 front axles, Fold, Frame free space, 2 wc = Top of left side battery box - RIGID, 2 front axles, Fix, W/o frame free space,2 wc = Left frame behind 1st front wheel
- **WHCP-M** Wheel chocks(s) in the middle part of the vehicle - TRACTOR, BBOX-L, Fix, 1/2 w chocks = Left frame front of rear wheels - RIGID, 1 front axle, Fix, 1/2 w chocks = Left frame front of (or behind) rear wheels
- **WHCP-R** Wheel chocks(s) in the rear part of the vehicle - RIGID, 1 front axle, Fix, 1/2 w chocks = Left frame rear (or front) of rear wheels - TB-L80 Left toolbox 800 mm length (mounting length 800 mm, real length 730 mm)
- **TB-R80** Right toolbox 800 mm length (mounting length 800 mm, real length 730 mm)
- **HOOK-SC** Snow chain hooks. Rear mounted for tractors and side mounted in rear overhang for rigids. Two hooks on each side.
- **TOWF-NO1** One front towing device
- **TOWF-NO2** Two front towing devices
- **TOWMBRH** High mounted towing member, in centre of frame
- **TOWMBRL1** Towing member, medium mounted under the frame (position 1)
- **TOWMBRM** Towing member, medium mounted in line with frame lower flange
- **RFEC-L** Rear frame end, lower cut (for centre axle drawbar)
- **RFEC-S** Rear frame end, straight cut (for regular platform applications)
- **RFEC-U** Rear frame end, upper cut (for e.g. tipper, refuse and hooklift applications)
- **C-R5055** Towing coupling Ringfeder RF5055A G-150
- **C-R5050** Towing coupling Rockinger 50 mm
- **C-VBG850** Towing coupling VBG 8500
- **TOWR-ONE** One rear towing device in frame end cross member
- **TRELPK** Trailer electrical preparation kit (chassis/cab wiring)
- **TREL15** 15 pol electrical trailer connector (ADR certified)
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-STA** Stationary trailer brake control
- **TRB-STRE** Automatic low speed trailer brake activation (stretch brake) to avoid jack-knifing and to improve steerability
- **RUP-FOLD** Foldable aluminium rear underrun protection (EC approved)
- **RUP-FOSSL** Foldable aluminium sliding rear underrun protection (EC approved)
- **RFEND-B** Rear 3 piece fenders with anti-spray function (all rear axles)
- **RFH-BAS** Optimal fender installation (rear and 2nd front axle) with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height.
- **RFH-HIG** Highest fender installation (rear and 2nd front axle). Suitable for rough and very rough road conditions.
- **RFH-LOW** Lower fender installation (rear and 2nd front axle). Suitable only for smooth road conditions.
- **AUXATNK** Extra air tank
- **ATANKAL** Aluminium air tanks
- **ATANKST** Steel air tanks
- **RESTS-W** Reflecting white stripes mounted on chassis side (underrun prot/toolbox/between fenders/overhang)
- **REST-RUP** Reflecting red stripes mounted on rear underrun protection
- **TL-LED** LED tail lamps
- **BLIGHT-E** Emergency brake light

**Rims and Tyres**
- **RT-AL** Brushed aluminium rims with std holes (long stud fixing) on all axles
- **RT-ALDP** Dura-Bright polished aluminium rims with std 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 wheel with tyre equal to drive

**Standard Equipment**

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

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- **SPWT-F**: Spare wheel with tyre equal to front wheel
- **SWCP-LF**: Spare wheel carrier on left side in front of rear axle
- **SWCP-R**: Spare wheel carrier mounted behind rear axle and below frame
- **SWCP-T**: Temporary spare wheel carrier.
  - Spare wheel is transport mounted (strapped on top of the frame rails) with plastic slits.
- **SWCP-TP**: Spare wheel carrier transport mounted with the spare wheel on top of the frame rails.
- **JACK-12T**: Jack 12 tonnes
- **JACK-15T**: Jack 15 tonnes
- **JACK-20T**: Jack 20 tonnes
- **TOOLKIT**: Extended tool kit
- **INFLAHO**: Tyre inflation hose (18 metres)
- **OBDEP-C**: EU6 mandatory on board diagnostics, phase C regulations

**Powertrain equipment**

- **ASO-C**: One crawler gear
- **ASO-ULC**: Two crawler gears, one ultra low crawler and one crawler
- **TRAP-HD**: Reinforced gearbox application.
  - For manual gearboxes a heavy-duty nodular iron range housing.
  - For I-shift gearboxes (2412 excl.) a reinforced gear shifting system.
- **PVT-BAS**: Basic topography information, learning by GPS positioning and centrally stored data
- **PVT-EXT**: Extended topography information, learning by GPS positioning and centrally stored data
- **TP-BAS**: I-shift City gear changing software
- **TP-CON**: I-shift construction gear changing software
- **TP-DICON**: I-shift Distribution and Construction optimized gear changing software
- **TP-DIST**: I-shift distribution gear changing software
- **TP-FUEC**: I-shift Long haul & Fuel Economy gear changing software
- **TP-HD**: I-shift Heavy Duty gear changing software
  - Prepared for using GPS positioning (centrally stored road memory, J-See)
- **TP-LONG**: I-shift long haul gear changing software
- **AMSO-AUT**: I-shift manual gear shift available in automatic mode incl. kickdown function
- **AVO-ENH**: Enhanced I-shift software for construction and off road applications
- **APF-ENH**: Enhanced I-shift PTO functions (Auto Neutral / Reverse Inhibit / Split Box Connection)
- **CD40B-O**: Double plate clutch, plate diameter 400 mm
- **CD43-O**: Dual plate clutch, plate diameter 430 mm
  - **CS43B-O**: Single plate clutch, plate diameter 430 mm
- **RET-H**:
  - **RET-H1**: Retarder for manual and I-shift gearboxes
  - **RET-H2**: Extra high performance cooler for manual/ I-shift gearboxes - air/cool
  - **RET-MW**: Basic performance cooler for manual/ I-shift gearboxes - water/oil
  - **RET-MWOH2**: High performance cooler for manual/ I-shift gearboxes - water/oil
  - **RET-RAO**: High performance cooler for manual gearboxes with retarder - air/water/oil
  - **RET-RWO**: High performance cooler for manual gearboxes with retarder – air/cool (cooler integrated in retarder)
  - **2COM1080**: Dual cylinder air compressor 704 cc / 1080 l/min
  - **2COM1100**: Dual cylinder air compressor 760 cc / 1100 l/min
  - **2COMPS900**: Dual cylinder air compressor 636 cc
- **CLU-AIRC**: Air compressor clutch automatically declutched when not needed in order to save fuel
- **AIRIN-FR**: Front air intake
- **AIRIN-HI**: High air intake
- **AIRIN-LO**: Low air intake
- **ACL1ST-S**: Air cleaner with additional filter element (primary + secondary)
- **24A110B**: Alternator 110 Ampere
- **24A120B**: Alternator 120 Ampere
- **24A150B**: Alternator 150 Ampere
- **CCV-C**: Closed crankcase ventilation
- **CCV-OC**: Closed crankcase ventilation with oil separator and a maintenance free gas centrifuge
- **PRIM-EL**: Electrical priming pump
- **PRIM-MAN**: Manual priming pump
- **FUEQ-EH**: Fuel line electric heater
- **AF-R**: Hot fuel recirculation heated fuel filter
- **FUEFE2LW**: Large engine mounted dual fuel filter with water separator and drain.
  - Suitable when poor (e.g. high sulphur content) fuel quality (normally not in Western Europe).
- **FUEFE2SW**: Small engine mounted dual fuel filter with water separator and drain.
  - Suitable when good fuel quality (e.g. everywhere in Western Europe).
- **EST-AID**: Engine start pre-heating element
- **PTER-100**: Rear engine mounted clutch independent power-take-off with flange connection (DIN 100 / ISO 7646)
- **PTER-DIN**: Rear engine mounted clutch independent PTO with splined shaft groove (female) for a close coupled pump (DIN 5462 / ISO 7853)
- **PTER1400**: Rear engine mounted clutch independent power-take-off with flange connection (SAE 1410 / ISO 7647)
- **HPE-F101**: Rear engine mounted hydraulic pump F1-101, fixed displacement, single flow
- **HPE-F41**: Rear engine mounted hydraulic pump F1-41, fixed displacement, single flow
- **HPE-F51**: Rear engine mounted hydraulic pump F1-51, fixed displacement, single flow
- **HPE-F61**: Rear engine mounted hydraulic pump F1-61, fixed displacement, single flow
- **HPE-F81**: Rear engine mounted hydraulic pump F1-81, fixed displacement, single flow
- **HPE-T53**: Rear engine mounted hydraulic pump F2-53/53, fixed displacement, twin flow
- **HPE-T70**: Rear engine mounted hydraulic pump F2-70/35, fixed displacement, twin flow
- **HPE-V45**: Rear engine mounted hydraulic pump VP1-45, variable displacement, single flow
- **HPE-V75**: Rear engine mounted hydraulic pump VP1-75, variable displacement, single flow
- **PDR-D**: Mechanical gearbox driven low speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 1000 Nm).
- **PDR-DH**: Mechanical gearbox driven high speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
- **PDR-DM**: Mechanical gearbox driven medium speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
- **PDR-F**: Mechanical gearbox driven low speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 1000 Nm).
- **PDR-FH**: Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1310 / ISO 7647) for propeller shaft (max. 600 Nm).
- **PDR-FL**: Mechanical gearbox driven low speed power take-off, 1 rear flange connection (SAE 1310 / ISO 7647) for propeller shaft (max. 600 Nm).
- **PDR-D**: Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft / 1 front connection (DIN 5462 / ISO 7653) for plug-in pumps (max. 870 Nm).
- **PDR-D1**: Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft / 1 front connection (DIN 5462 / ISO 7653) for plug-in pump (max. 870 Nm).

**Standard Equipment**

- **Optional Equipment**

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- **PTRD-D2**  Mechanical gearbox driven power take-off, 2 rear flange (high-low speed) connections (SAE 1310/1410 / ISO 7647) for propeller shafts / 1 front (high speed) connection (DIN 5462 / ISO 7653) for plug-in pump (max. 870/1000 Nm).
- **PTRD-F**  Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 870 Nm).
- **HPG-F101**  Gearbox mounted hydraulic pump F1-101, fixed displacement, single flow
- **HPG-F41**  Gearbox mounted hydraulic pump F1-41, fixed displacement, single flow
- **HPG-F51**  Gearbox mounted hydraulic pump F1-51, fixed displacement, single flow
- **HPG-F61**  Gearbox mounted hydraulic pump F1-61, fixed displacement, single flow
- **HPG-F81**  Gearbox mounted hydraulic pump F1-81, fixed displacement, single flow
- **EIDLESD**  Engine idle shut down

**Cab Interior, Driving**

- **DRC-AM8**  Regeneration control of diesel filter particulates - auto initiation / manual on demand / manual inhibition
- **DRC-AUTO**  Regeneration control of diesel filter particulates - fully automatic (in motion)
- **STWPOS-L**  Left hand drive
- **STWM-LE**  Leather steering wheel
- **STGW-AD2**  Mechanically adjustable steering wheel with neck tilt
- **STGW-ADJ**  Mechanically adjustable steering wheel
- **1DAY8**  One day analogue tachograph, basic
- **1DAYEC**  One day analogue tachograph, EC-approved
- **ARSL**  Additional road speed limiter (switch in dashboard)
- **DTRI-PER**  FH: Dashboard, steering wheel cover and door panels in greyish brown (petroleum), FH16: Dashboard in greyish brown, steering wheel cover and door panels in black (raven).
- **DTRI-SRA**  Dashboard and steering wheel cover in light beige (skykark), door panels in light beige for FH and black (raven) for FH16.
- **CRUIS-E**  Cruise control I-Cruise with controls in the steering wheel, I-Roll incl. Adding PVT-EXT gives I-See.
- **CRUISC**  Basic cruise control with controls in steering wheel
- **ESP-BAS1**  Electronic Stability Program package intended for RIGID single vehicles or vehicle combinations with standard centre of gravity height when laden and for TRACTOR vehicle combinations with a single trailer or multiple trailers with ABS/EBBS.
- **HWSS-AC**  Adaptive cruise control with forward collision warning
- **HWSS-ACB**  Adaptive cruise control with forward collision warning and emergency braking
- **HWSS-FCB**  Forward collision warning (stationary and moving objects) with emergency braking
- **LSS-DW**  Lane keeping support - lane departure warning system
- **LCS**  Lane Change Support
- **DAS-W**  Driver Alert Support (drowsy driver warning)
- **RSENS-W**  Wiper rain sensor
- **CU-ECC**  Fully electrically controlled air conditioning with sun sensor
- **CU-ECC2**  Fully electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter
- **CU-MCC**  Electrical manually controlled air conditioning
- **IMMOBIL**  Immobiliser
- **ALAR-B**  Burglar alarm - cab
- **ALAR-E**  Burglar alarm - cab/body/trailer
- **AMPL400**  Amplifier, 8 channel, 400 W, subwoofer
- **PHONE-PK**  Telephone preparation kit (antenna, antenna attachm. and cable incl.)
- **WLIFT-AD**  Electrical window lift, auto up/down driver side
- **ISUNS-BS**  Side interior sun visor on both sides
- **ISUNS-DS**  Side interior sun visor on driver side
- **ISUNF-RE**  Electrical textile interior sun visor (roller blind) integrated in front shelf
- **ISUNF-RM**  Manual textile interior sun visor (roller blind) integrated in front shelf
- **CSPL-BX**  Open storage in lower center dash panel
- **CSPL-BXD**  Storage drawer in lower center dash panel
- **CSPU-SDR**  One open storage and one drawer (behind push open lid) in upper part of dash panel center section
- **CSPU-SS**  Two open storage (behind push open lid) in upper part of dash panel center section
- **ADFS**  Two extra DIN slots in front shelf (push/pull storage)
- **BUPALARM**  Back-up alarm
- **BUPMON**  Back-up monitor including a 7 inch colour display integrated in dashboard, Waeco CCD-camera (delivered loose in cab) with a heated lens, motorised lens protection, 1 m pigtail cable (front) and 10 metres chassis cable for tractor /20 metres for rigid. Camera wirings not installed. Use PCA30081 for installation.
- **RTOLL-PK**  Preparation kit for road toll collect (GPS/GSM antenna and cables)
- **LOADIND**  Load indicator with dashboard display.
- **REMC-MF**  Wireless remote control - multi functional
- **AIDKIT**  First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors
- **AIDKITB**  First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
- **WARNLAMP**  Portable warning lamp with batteries
- **WRITEPAD**  Writing pad

**Cab Interior, Living**

- **UPHTRI01**  Seat upholstery with black embossed textile insert, black vinyl bolster and red vinyl side insert & vinyl interior trim in matching grey nuances
- **UPHTRI02**  Seat upholstery with black striped textile insert, black smooth textile bolster & red vinyl side insert & textile interior trim in matching grey nuances
- **UPHTRI03**  Seat upholstery with grey/beige soft striped textile insert, grey/beige smooth textile bolster & soft textile interior trim in matching grey and beige colours
- **UPHTRI05**  Seat upholstery with dark grey leather insert and black leather bolster & vinyl interior trim in matching grey nuances
- **UPHTRI06**  Seat with dark grey leather insert and black leather bolster & textile interior trim in matching grey nuances
- **UPHTRI07**  Seat with dark grey leather insert and black leather bolster & soft textile interior trim in matching grey and beige colours
- **DST-CF1**  Driver seat, comfort, suspended
- **DST-CF2**  Driver seat, comfort, suspended, electrically heated
- **DST-CF4**  Driver seat, comfort, suspended, belt in seat
- **DST-CF5**  Driver seat, comfort, suspended, belt in seat, electrically heated
- **DST-CF6**  Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated
- **DST-LUX1**  Driver seat, de luxe, suspended, belt in seat, electrically heated, ventilated
- **DST-LUX2**  Driver seat, de luxe, suspended, belt in seat, electrically heated
- **DST-LUX8**  Driver seat, de luxe, suspended, electrically heated
- **SBD-RED**  Red safety belts, passenger and driver seats

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

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The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.
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The dipped beam follows the road, activated by a signal from the steering system.
Activated when driving with Drive+ (D+) on the light control switch.
Operates at +15 to –8 degrees.

- **HL-CLEAN**
  High pressure headlamp cleaner
- **HLP-ST**
  Steel headlamp protection
- **HL-ADJ**
  Adjustable headlights
- **DRL-LED**
  V-shaped (“V-light”) day running light (LED).
  Tuned on low beam gives a dimmed “V-light”.
- **UDRL**
  Without day running light (dimmed “V-light”)
- **DRIVL2**
  Two auxiliary front driving lamps
- **UDRIVL**
  Without auxiliary front driving lamps
- **FOGL-WC**
  White front fog lamps
- **CL-STAT**
  Cornering lights
- **ASL-RF2**
  Two Hella H11 70W spot lamps in sign box (one on each side of the Globetrotter sign)
- **IDLAMP-A**
  Three middle front roof mounted amber identification lamps
- **IDLMPSW**
  Switch in cab for identification lamps
- **BEACAO2F**
  Two front roof mounted amber rotating beacon warning lamps.
  Mounted on accessory bracket if ordered, otherwise on cab roof on both sides of the hatch.
- **BEACAO2R**
  Two rear roof mounted (on accessory bracket) amber warning lamps.
  Rotating beacon lamps mounted on sleeper cab.
  Flashing LED lamps mounted on high/extra high sleeper cabs.
- **BEACON-P**
  Prepared wiring (switch and connected relay included) for warning lamps on cab roof.
  Max load 300 W.
- **BEACON4**
  Four roof mounted amber warning lamps.
  2 front mounted (on accessory bracket if ordered) rotating beacon lamps.
  2 rear mounted (on mandatory accessory bracket) rotating beacon lamps on sleeper cab.
- **CAPTR1**
  One front cab roof pass through on passenger side
- **CAPTR2**
  Two front cab roof pass throughs, one on each side
- **SPOTF**
  Spotlamp preparation in cab front, max 280W
- **SPOTR**
  Spotlamp preparation on cab roof, max 280W
- **SPOTRF**
  Spotlamp preparation on cab roof and in cab front, max 2x280W
- **ROS-IL**
  Illuminated roof sign with switch in radio shelf
- **CSGN-GTR**
  GLOBETROTTER decal in the cab roof sign area
- **HORN-FIS**
  One front mounted (behind grille) single tone air horn, Jericho
- **HORN-R2S**
  Two roof mounted single tone chromed air horns
- **ANT-CBR**
  Roof mounted antenna for CB radio, single aerial
- **ACCRRM**
  Front, middle & rear roof mounted accessory brackets
  Front roof mounted accessory bracket
  Front & rear roof mounted accessory bracket
  Front & rear roof mounted accessory bracket
  Middle roof mounted accessory bracket
  Rear roof mounted accessory bracket
  Rear & middle roof mounted accessory brackets
- **STUCB**
  Left and right storage compartments under cab
- **STUC**
  Left storage compartment under cab
- **STUCR**
  Right storage compartment under cab
- **REFSCW**
  Reflecting white stripes mounted on cab side
- **REFSTW**
  Reflecting white cab side stripes by-packed in cab
- **REFSTY**
  Reflecting yellow cab side stripes by-packed in cab

**Superstructure preparations**

- **SRWL-2RW**
  Two H3 70W white rear chassis mounted (LH/RH side)
- **SRWL-PK**
  Wiring preparation for chassis mounted working lamps and a 3-position switch (On/Off/Reverse auto on).
  Max load 280W.
- **SWL-2FW**
  Two H3 70W white front chassis mounted (LH/RH side)
- **SWL-2RW**
  Two H3 70W white rear chassis mounted (LH/RH side)
- **SWL-4W**
  Four H3 70W white front (2) and rear (2) chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off).
  Max load 280W.
- **SWL-PK**
  Wiring preparation for chassis mounted working lamps and a 2-position switch (On/Off).
  Max load 280W.
- **WL-CHPK**
  Preparation kit (switch and cable) for working lamp, max 2x70 W.
  Connector on chassis at gearbox.
- **WLC-H2A**
  Two H3/70W working lamps with amber coloured lens high mounted back of cab (switch incl).
- **WLC-H2W**
  Two H3/70W working lamps, white lens high mounted back of cab (switch incl).
- **WLC-PKCH**
  Preparation kit (cables and switch) for cab mounted chassis working lamp.
  Max load 280W.
- **WLC-PK**
  Preparation kit (cables and switch) for high mounted working lamps back of cab (pass through in cab rear roof included).
  Max load 280W.
- **WLC-PKLH**
  Preparation kit (cables and switch) for low mounted working lamps back of cab (pass through in rear cab wall included).
  Max load 280W.
- **EGBB-BAS**
  Body builder electrical centre without body builder module
- **EGBB-HIG**
  Body builder electrical centre with cab body builder module
- **BBCHAS1**
  One 7-pole connector for Body builder interface
- **BBCHAS3**
  Three 7-pole connectors for Body builder interface
- **BEPR-T2**
  Body builder electrical software preparation for tipper with remote control
- **TD-BAS**
  Trailer detection without LED sensor
- **TD-LED**
  Trailer detection with LED sensor
- **FFS-BS**
  Frame rail free space on both sides to give space for crane legs or other equipment.
  One front axle with day cab: 515/507 mm (L/R side).
  One front axle with long cab: 288/360 mm (L/R side).
  Two front axles with short cab: 632/572 mm (L/R side).
  Two front axles with long cab: 405/485 mm (L/R side).
- **FBA-BTF**
  Lower front body attachments for torsionally flexible platform body
- **FBA-BTSF**
  Lower front body attachments for torsionally semi-flexible body (van or curtainsider)
- **HBA-FSFB**
  Holes for body attachments, flexible/semi-flexible body
- **HBA-SB**
  Holes for body attachments, stiff body
- **RBA-T2**
  Lower rear body attachments for helper frame
- **CRAPEK1**
  Crane plates mounted to frame, interface for crane capacity up to 10 ton meter
- **CRAPEK2**
  Crane plates mounted to frame, interface for crane capacity up to 20 ton meter
- **CRAPEK4**
  Crane plates mounted to frame, interface for crane capacity up to 40 ton meter
- **AUXL-SPK**
  Electrical preparation kit (wiring and switch) for snow plough lights.
  Preparation for installation of additional headlights and additional turning indicators.
- **TAILPRE2**
  Tail lift preparation kit, wireless remote operation
- **TAILPREP**
  Tail lift preparation kit, wire remote operation
- **AESW2**
  Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **AESW2PK**
  Two Body builder bistable electrical switches (marked AUX1/AUX2) and in an empty 4-group preparation for another four bistable switches with dummy switch caps

**Standard Equipment**

**Optional Equipment**

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- **AUXSW-4**  Wiring for 4 extra hardwired switches (from Body builder electrical centre to switch positions)

**Services**
- **TGW-3GWL**  Telematics gateway with 3G modem and WLAN
- **FMS-PK**  Fleet Management System gateway, preparation kit
- **DRUT**  My truck app gives the driver instant status information and control of the vehicle remotely from a smartphone or tablet. The variant enables the My truck app to connect to the vehicle.

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