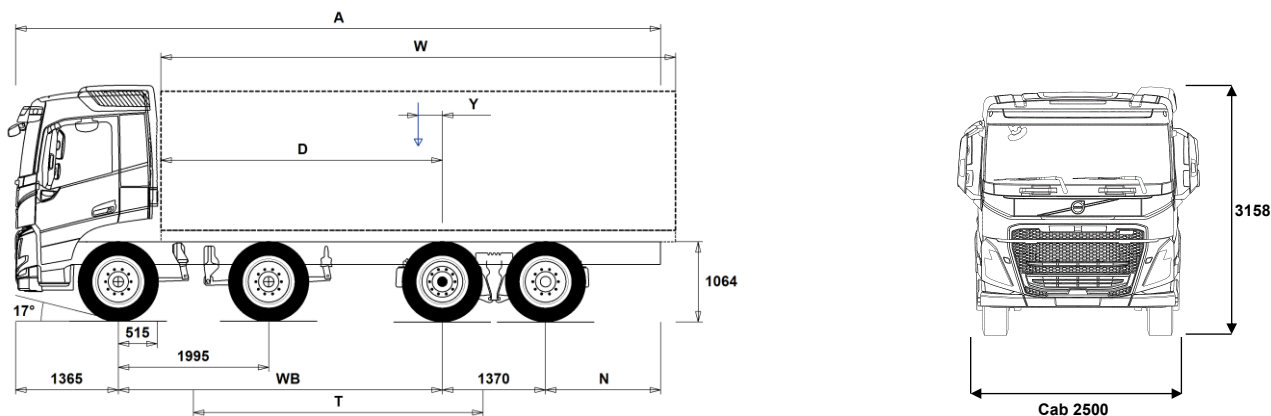


MODEL RANGE

FM D11 82 Rigid Tag Axle Diesel Rear Air FM 82RF 1A



Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6000
A Overall Chassis Length	9410	9510	9860	10310	10660	11410	12060
D Center of rear axle to front of body	3735	3785	4035	4335	4535	5035	5435
N Rear Overhang (Min.)	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	2375	2425	2525	2675	2825	3075	3325
T Theoretical Wheelbase	3843	3893	4143	4443	4643	5143	5543
Y Center of Gravity for Payload (Min.)	809	829	926	1045	1123	1319	1477
Y Center of Gravity for Payload (Max.)	809	829	926	1045	1123	1319	1477
W Body Length (Min.)	5851	5911	6217	6580	6823	7432	7916
W Body Length (Max.)	5851	5911	6217	6580	6823	7432	7916

Chassis Weights [kg]

Front Axles	6775	6765	6740	6660	6635	6570	6530
Rear Bogie	1970	1995	2105	2165	2230	2350	2455
Kerb Weight	8745	8760	8845	8825	8865	8920	8985
Payload (including body, driver, fuel, etc.)	26255	26240	26155	26175	26135	26080	26015

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	17600	17800	18600	19500	20200	21800	23100
Turning Circle Diameter Wall to Wall	19000	19100	19900	20900	21500	23100	24400

Plated Weights [kg]

Gross Vehicle Weight	35000
Gross Combination Weight	60000
Front Axles	16000
Rear Bogie	19000

Design

35000
60000
16000
19000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.

Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

Height change when chassis height CHH-MED, FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres:	315/80R22.5
Drive Axle Tyres:	315/80R22.5
Trailing/Pusher Axle Tyres:	315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated. Tag axle used: TA-FIXED.

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 FM82RF1A.

MODEL RANGE

FM D11 82 Rigid Tag Axle Diesel Rear Air FM 82RF 1A

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.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **TA-HYSB2** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **TAG-FIXD** Fixed twin-wheel tag axle
- **TAG-FIXS** Fixed single-wheel tag axle
- **TAG-HPRE** Tag axle prepared for hydraulic steering
- **TAG-SSTE** Self-steering single-wheel tag axle
- **FM-DAY6** FM day cab
- **FM-HSLP6** FM Globetrotter, high sleeper cab
- **FM-LDAY6** FM low day cab
- **FM-LSLP6** FM low sleeper cab
- **FM-SLP6** FM sleeper cab
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D11S330A** Diesel engine, Euro 6, 10.8 litres, 330 hp/246 kW, 1600 Nm
- **D11S380A** Diesel engine, Euro 6, 10.8 litres, 380 hp/279 kW, 1800 Nm
- **D11S430A** Diesel engine, Euro 6, 10.8 litres, 430 hp/317 kW, 2050 Nm
- **D11S460A** Diesel engine, Euro 6, 10.8 litres, 460 hp/338 kW, 2200 Nm
- **D11A330** Diesel engine, Euro 3, 10.8 litres, 330 hp/243 kW, 1600 Nm
- **D11A370** Diesel engine, Euro 3, 10.8 litres, 370 hp/273 kW, 1770 Nm
- **D11A430** Diesel engine, Euro 3, 10.8 litres, 430 hp/317 kW, 1970 Nm
- **D11K330** Diesel engine, Euro 6, 10.8 litres, 330 hp/243 kW
- **D11K380** Diesel engine, Euro 6, 10.8 litres, 380 hp/280 kW
- **D11K430** Diesel engine, Euro 6, 10.8 litres, 430 hp/317 kW
- **D11K460** Diesel engine, Euro 6, 10.8 litres, 460 hp/338 kW
- **DIESEL-B** Fuel blends up to 100% biodiesel
- **EBR-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **PT2106** Powertronic 6-speed powershift gearbox, 2100 Nm
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C

Packages

- **DRIV-EXT** Driver convenience package, Extended
- **DRIV-SEL** Driver convenience package, Selected
- **1LIVINFM** Living package, 1 bed (FM)
- **2LIVINFM** Living package, 2 beds (FM)
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- **OFFROADD** Construction package for FM/FMX day cab
- **OFFROADS** Construction package for sleeper cab
- **CHASPAC** Rigid chassis package

Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)

- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FSLS-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FAL16.0** Front axle load 16.0 tonnes, double front axles
- **FAL18.0** Front axle load 18.0 tonnes, double front axles
- **FAL20.0** Front axle load 20.0 tonnes, double front axles
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RSLS-BAS** Basic levelling stroke in rear air suspension (high ground clearance under rear axle member)
- **RAL19** Rear axles load 19 tonnes
- **RAL20.5** Rear axles load 20.5 tonnes
- **RAL21** Rear axles load 21 tonnes
- **RAL22.5** Rear axles load 22.5 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RSTAB2** Rear anti-roll bar, high 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)
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **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
- **RST-AIR** Rear air springs
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME300** Frame rail section external height 300 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **FIL-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
- **BBOX-L** Battery box on left-hand side
- **2BAT210B** Gel batteries, 2x210 Ah
- **2BAT210C** AGM batteries, 2x210 Ah
- **2BATT170** Batteries, 2x170 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **MSWI-A** ADR main switch
- **MSWI-R** Key remote controlled main switch
- **UR-FUEL** Without right side fuel tank
Min volume 255l
Max volume 810l
- **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 450l
- **ADTP-L** AdBlue tank on left hand side

■ Standard Equipment

□ Optional Equipment

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

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FM D11 82 Rigid Tag Axle Diesel Rear Air FM 82RF 1A

☐ ADTP-LF ☒ ADTP-R	AdBlue tank on left hand side at the front AdBlue tank on right hand side	☐ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
☐ ADB032	AdBlue tank: usable volume 32 litres, mounted between front axles on left chassis side	☐ ATANK-AL ☒ ATANK-ST	Aluminium air tanks Steel air tanks
☐ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	☐ TL-LED	LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
☐ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	☒ BLIGHT-E	Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s ² or more. The function deactivates when retardation is less than 2.5 m/s ² .
☐ ADTC-BF ☒ FCAP-L ☒ FUFF-AS	AdBlue tank cover, silver metallic finish Lockable diesel and AdBlue filler caps Fuel filling anti-spillage device	Rims and tyres	
☐ ESH-LEFT ☒ ESH-REAR ☒ ESH-VERT ☐ ESV-VERT	Horizontal silencer, left exhaust outlet Horizontal silencer, rear exhaust outlet Horizontal silencer, vertical exhaust outlet on right-hand side Vertical silencer, vertical exhaust outlet on right-hand side	☐ RT-AL	Brushed aluminium rims with standard holes (long stud fixing) on all axles
☐ EXST-SSP ☐ EXST-ST	Vertical exhaust top pipe, bright polished stainless steel Vertical exhaust top pipe, aluminised steel	☐ RT-ALDP	Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles
☒ WHC-FIX2 ☐ WHC-FOL2	Two non-collapsible wheel chocks Two collapsible wheel chocks	☐ RT-ALDPD	Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles
☐ WHCP-F ☐ WHCP-R ☐ WHCP-T	Wheel chock holder in the front part of the vehicle Wheel chock holder in the rear part of the vehicle Wheel chock holder by-packed in cab outer luggage compartment	☐ RT-ALDU	Brushed aluminium rims with countersunk holes (short stud fixing) on all axles
☐ TB-L80	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm	☒ RT-STEEL	Steel rims on all axles
☐ TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm	☐ WCAP	Wheel caps
☐ SUP-BAS	Standard side underrun protection, aluminium	☐ SPWT-D ☐ SPWT-F	Spare driving wheel Spare front wheel
☐ HOOK-SC	Snow chain hooks	☒ SWCP-LF ☐ SWCP-T ☐ SWCP-TP	Spare wheel carrier on left side in front of rear axle Spare wheel transport-mounted on top of frame Spare wheel and carrier transport-mounted on top of frame
☒ TOWF-NO1 ☐ TOWF-NO2	One front towing device Two front towing devices	☐ JACK-12T	Hydraulic jack, 12 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. Height 180-315 mm, weight 7.0 kg
☐ TOWMBRH ☐ TOWMBRL1 ☐ TOWMBRM	Towing member, high-mounted in centre of frame Towing member, low-mounted under frame Towing member, medium-mounted in line with lower frame flange	☐ JACK-15T	Hydraulic jack, 15 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. Height 225-438 mm, weight 9.4 kg
☒ RFEC-S ☐ RFEC-U	Straight-cut rear frame end Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)	☐ JACK-20T	Hydraulic jack, 20 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. For FM: Height 190-325 mm, weight 10.5 kg For FH: height 240-467 mm, weight 13.3 kg
☐ C-RI5050 ☐ C-RO50 ☐ C-VBG520 ☐ C-VBG795	Towing coupling Ringfeder 5050A G-150 Towing coupling Rockinger 50 mm Towing coupling VBG 5200D Towing coupling VBG 795V	☒ TOOLKIT	This kit consists of a tool bag (case) including the following tools: • Combination screwdriver. – 1 screwdriver handle – 1 blade, Phillips/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.
☐ 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.	☒ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).
☒ TREL-PK ☐ TREL15	Trailer electrical preparation kit (chassis/cab wiring) 15-pin trailer connection (ADR certified)	Powertrain equipment	
☐ TBC-EC	Trailer brake connection, European Community	☐ TRAP-HD	Reinforced gearbox range housing
☐ TRBR-STA	Stationary trailer brake check	☒ DRM-BE ☐ DRM-E	I-Shift drive modes Economy, Standard and Performance I-Shift drive mode Economy
☐ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability	☐ PVT-BAS	I-See
☐ FFEND-B ☐ FFEND-T	Mudguards on second front axle Transport-mounted mudguards on second front axle		
☐ 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		

☒ Standard Equipment

☐ Optional Equipment

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☐ PVT-MAP	I-See	☐ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
☒ PVT-MTM	I-See	☐ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
☒ CRUIS-E	Cruise control with controls in the steering wheel and I-Roll included	☐ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
☐ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
☐ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ RET-TPT	Gearbox-mounted Powertronic primary retarder	☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
☐ TC-HWO	Cooler for hydraulic gearboxes - water/oil	☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
☒ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
☐ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
☐ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
☐ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
☐ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
☐ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
☒ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min		
☐ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel		
☒ AIRIN-HI	High air inlet	Cab Interior, Driving	
☐ AIRIN-LO	Low air inlet	☒ STWPOS-L	Left-hand drive
☒ ACL1ST-S	Air cleaner with extra filter element	☐ STWM-LE	Steering wheel material leather
☒ 24A110BL	Alternator 110 Ampere	☐ STGW-AD2	Manually adjustable steering wheel with neck tilt
☐ 24A150BL	Alternator 150 Ampere	☒ STGW-ADJ	Manually adjustable steering wheel
☐ 24A180BL	Alternator 180 Ampere	☒ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
☐ 24AL110B	Alternator 110 Ampere	☒ 1DAYB	One-day analogue tachograph, basic
☐ 24AL150B	Alternator 150 Ampere	☐ 1DAYDIG	One-day digital tachograph, EC approved
☒ CCV-C	Closed crankcase ventilation	☐ ARSL	Additional, temporary road speed limiter control (switch in dashboard)
☐ CCV-O	Open crankcase ventilation	☒ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
☒ PRIM-EL	Electrical priming pump for removal of air in the fuel system	☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off
☒ PRIM-MAN	Manual priming pump for removal of air in the fuel system	☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
☐ FUEQ-EH	Fuel line electric heater		Collision Warning with Emergency Brake (forward)
☐ AF-R	Hot fuel recirculation heated fuel filter	☐ HWSS-FCB	
☒ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	☐ LSS-DW	Lane Keeping Support - lane departure warning
☐ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)	☐ LSS-DW3	Pilot Assist - active, continuous lane keeping
☐ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646	☐ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side
☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653	☒ LCS4	Side Collision Avoidance Support, side collision warning, both sides
☐ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647	☐ LCS5	Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side
☐ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow	☐ DAS-W	Driver Alert Support, monitoring of vehicle handling
☐ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow	☒ DAS-W2	Driver Alert Support, monitoring of vehicle handling and driver attention
☐ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow	☒ PB-AUT2	Parking brake applied automatically when driver leaves the seat
☐ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow	☐ RSSENS-W	Wipers rain sensor
☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow	☒ CU-ECC	Automatic climate control with sun sensor
☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow	☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow		
☐ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow		

☒ Standard Equipment

☐ Optional Equipment

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■ IGT-BUT	Push button ignition	□ ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall
■ IMMOBIL	Immobiliser	□ ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	□ ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
□ BUPMON	Reversing camera	□ ETSB-R	Storage at back of engine tunnel, against rear cab wall
□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	□ ETSB-RS	Storage immersed in RH side of engine tunnel and at back against rear cab wall
■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	□ ETSB-S	Storage immersed in RH side of engine tunnel
□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	□ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	□ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	□ REF-ICPK	Preparation kit for refrigerator
■ BUPALARM	Reversing warning	□ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
□ RTOLL-PK	Preparation kit for electronic road fee (GPS/GSM antenna and cables)	□ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
□ LOADIND	Load indicator, shown in instrument display and side display	■ BOTH-D	One bottle holder under dashboard centre section
□ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	□ COFMA-PK	Preparation kit (24 V) for coffee maker
□ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
□ WARNLAMP	Portable amber and white warning lamp with batteries	□ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
■ WRITEPAD	Writing pad with paper clamp	□ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
Cab Interior, Living		□ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
□ DST-CF1	Driver's seat Comfort	■ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
■ DST-CF4	Driver's seat Comfort, belt in seat	□ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	□ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
□ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	□ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
□ SBD-RED	Red safety belts, passenger and driver seats	■ GLAS-TIN	Tinted windows
□ PST-CF4	Passenger seat Comfort, suspended, belt in seat	□ SWIND-BS	Rear side window on both sides
□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	□ SWIND-PS	Rear side window on passenger side
■ PST-STD2	Passenger seat Regular, non-suspended	□ AWIND-RF	Fixed window in back of cab (without curtains)
□ PST-STD4	Passenger seat Regular, suspended	□ VANMIR	Vanity mirror in front shelf lid
□ SBPRE-PS	Passenger seat belt pretensioner	□ AS-FUS	One extra shelf in each of the two front upper storage compartments
□ ARMRE-BB	Two armrests on both driver's and passenger seats	□ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
□ ARMRE-DB	Two armrests on driver's seat	Cab exterior	
□ ARMRE-PB	Two armrests on passenger seat	□ EXTL-BA2	Exterior trim level basic 2
□ ARU-BAS	Vinyl armrest upholstery	■ EXTL-BAS	Exterior trim level basic
□ ARU-LEA	Leather armrest upholstery	■ DGLAS-H	Tempered door window glass
■ FMAT-RUB	Black rubber floor mats	□ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
□ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats	■ BUMP-B	Plastic front bumper
□ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included	□ BUMP-B2	Steel front bumper
□ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg	□ BUMP-SP	Front bumper spoiler
□ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg	□ GUARD-EH	Guard plate for cooling pipes and oil sump
□ OLMAT-BA	Overlay mattress, 28 mm thick black textile	■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator
□ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile	□ CTILT-P-E	Electric cab tilt pump
□ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	■ CTILT-P-M	Manual cab tilt pump
□ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	□ FCABS-A	Air front cab suspension
□ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)	■ FCABS-M	Mechanical front cab suspension
□ ETSB-F	Storage at front of engine tunnel	■ RCABS-A	Air rear cab suspension
		□ RCABS-M	Mechanical rear cab suspension

■ 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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□ 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) ■ SUNV-H Exterior front sun visor, transparent dark-grey □ AD-ROOF Roof air deflector □ AD-SIDES Cab side air deflectors, short ■ HL-LED LED headlamps □ HBDA-A Automatic main beam deactivation and reactivation ■ HL-CLEAN High-pressure headlamp cleaner □ HLP-ST Steel headlamp protectors (steel and plastic for FMX) ■ 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 □ 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-IL2 Preparation kit for installation of sign box illumination □ CSGN-GTR Globetrotter decal in 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 □ ACCBP-AP Accessory brackets mounted on front roof, midroof and rear roof □ ACCBP-F Accessory bracket mounted on front roof □ ACCBP-FM Accessory brackets mounted on front roof and midroof □ ACCBP-FR Accessory brackets mounted on front and rear roof □ ACCBP-M Accessory bracket mounted on midroof □ ACCBP-R Accessory brackets mounted on rear roof □ ACCBP-RM Accessory brackets mounted on mid-roof and rear roof □ REFS-TW Reflective white cab side stripes by-packed in cab □ REFS-TY Reflective yellow cab side stripes by-packed in cab	□ SWL-PK Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off) □ WL-CHPK Preparation kit for work lamp (switch with cable to frame, by gearbox) □ WLC-H2A 2 white LED work lamps, high-mounted on back of cab (switch included) □ WLC-H2W Preparation kit (cables and switch) for work lamp inside or outside superstructure □ WLC-PKCH 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 □ 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 Trailer detection with LED sensor □ FRFS-BS Free frame space on both sides to make room for crane legs or other equipment □ FBA-BTF Front body attachment brackets, lower, for flexible body □ FBA-BTSF Front body attachment brackets, lower, for semi-flexible body □ HBA-FSFB Holes for body attachments, flexible/semi-flexible body □ HBA-SB Holes for body attachments, stiff body □ RBA-T2 Rear body attachment brackets, lower □ CRANEPK1 Frame-mounted crane interface plates, up to 10 tonne-metres □ CRANEPK2 Frame-mounted crane interface plates, up to 20 tonne-metres □ CRANEPK4 Frame-mounted crane interface plates, up to 40 tonne-metres □ AUXL-SPK Preparation kit (wiring and a switch in dashboard) for snow plough lamps □ TAILPRE2 Tail lift preparation kit, wireless remote operation □ TAILPREP Tail lift preparation kit □ AESW2 2 bistable bodywork switches (marked AUX1/AUX2) □ AESW2PK 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches) □ AUXSW-4 Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)
Superstructure preparations □ SRWL-PK Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On) □ SWL-2FW 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off) □ SWL-2RW 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side) □ SWL-4W 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)	

■ Standard Equipment

□ Optional Equipment

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Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **FMS-PK** Fleet management system gateway, preparation kit
- **DRUT1** My Truck service/app (remote vehicle status, alerts and control), 1-year prepaid subscription
- **DRUT2** My Truck service/app (remote vehicle status, alerts and control), 2-year prepaid subscription
- **DRUT3** My Truck service/app (remote vehicle status, alerts and control), 3-year prepaid subscription
- **DRUT4** My Truck service/app (remote vehicle status, alerts and control), 4-year prepaid subscription
- **DRUT5** My Truck service/app (remote vehicle status, alerts and control), 5-year prepaid subscription
- **TSRS** Road sign recognition
- **TSRS2** Road sign recognition (not ISA compliant)

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