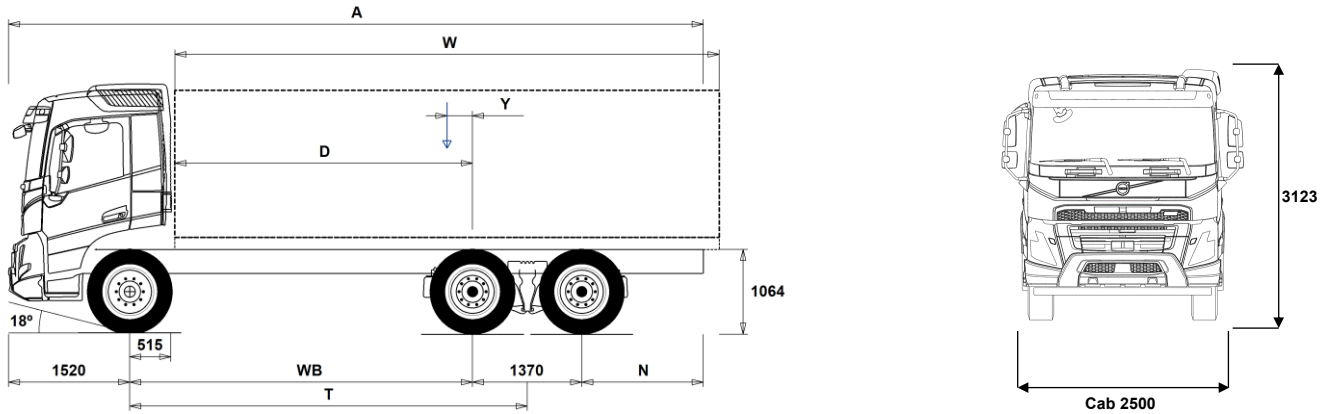


# MODEL RANGE

FMX D11 64 Rigid Diesel Rear Air FMX 64R 1A



## Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	7865	7465	8615	8915	9565	10715	10465	10965	11565
D Center of rear axle to front of body	2635	2835	3135	3335	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1175	2025	2125	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4385	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-182	-165	-120	-95	-46	0	25	63	108
Y Center of Gravity for Payload (Max.)	-182	-165	-120	-95	-46	0	25	63	108
W Body Length (Min.)	5633	5998	6508	6858	7561	8069	8618	9143	9853
W Body Length (Max.)	5633	5998	6508	6858	7561	8069	8618	9143	9853

## Chassis Weights [kg]

Front Axle	4660	4690	4675	4680	4700	4685	4730	4735	4760
Rear Bogie	3265	3215	3300	3315	3370	3475	3425	3450	3490
Kerb Weight	7925	7905	7975	7995	8070	8160	8155	8185	8250
Payload (including body, driver, fuel, etc.)	18075	18095	18025	18005	17930	17840	17845	17815	17750

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	16100	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	15400	16000	16900	17600	18800	19700	20600	21500	22800

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	26000	28100
Gross Combination Weight	0	44000
Front Axle	7000	7100
Rear Bogie	19000	21000

## 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

**Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ± 3%.**

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FMX64R1A.

# MODEL RANGE

## FMX D11 64 Rigid Diesel Rear Air FMX 64R 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.
- SWAPBODY** Swap body vehicle preparation
- 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
  - RADD-GR** Rear air suspension - two axles, both driving
  - CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
  - FMX-CREW** FMX crew cab (free-text CA needed)
  - FMX-DAY6** FMX day cab
  - FMX-HSL6** FMX Globetrotter, high sleeper cab
  - FMX-LDA6** FMX low day cab
  - FMX-LSL6** FMX low sleeper cab
  - FMX-SLP6** FMX sleeper cab
  - EU3** Euro 3 emission level
  - EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
  - EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
  - EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
  - 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
  - D11C330** Diesel engine, Euro 4/5, 10.8 litres, 330 hp/243 kW, 1600 Nm
  - D11C370** Diesel engine, Euro 4/5, 10.8 litres, 370 hp/273 kW, 1750 Nm
  - D11C410** Diesel engine, Euro 4/5, 10.8 litres, 410 hp/302 kW, 1950 Nm
  - D11C450** Diesel engine, Euro 4/5, 10.8 litres, 450 hp/332 kW, 2150 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
  - 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
  - TAAXLIFT** Tandem Axle Lift for driven bogie axle
  - RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
  - RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
  - RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
  - RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes
- ### Packages
- INFOBASE** Information package, basic (without side display)
  - INFOHIGH** Information package, high (with side display)
  - SAFEBAS** Active Safety Basic package (outside Europe)
  - SAFEBAS2** Active Safety Basic package (outside Europe)
  - SAFEPLU2** Active Safety Plus package (outside Europe)
  - SAFEPLUS** Active Safety Plus package (outside Europe)
- ### Chassis
- FST-AIR** Front air suspension

- FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- FSLs-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- FSLs-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- FAL10.0** Front axle load 10.0 tonnes
- FAL7.1** Front axle load 7.1 tonnes
- FAL7.5** Front axle load 7.5 tonnes
- FAL8.0** Front axle load 8.0 tonnes
- FAL8.5** Front axle load 8.5 tonnes
- FAL9.0** Front axle load 9.0 tonnes
- FSTAB** Front anti-roll bar, normal stiffness
- FSTAB2** Front anti-roll bar, high stiffness
- FSTAB3** Front anti-roll bar, extra-high stiffness
- RAL21** Rear axles load 21 tonnes
- RAL23** Rear axles load 23 tonnes
- RAL26** Rear axles load 26 tonnes
- RSTAB1** Rear anti-roll bar, normal stiffness
- RSTAB3** Rear anti-roll bar, extra-high stiffness
- RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- RALIM13** First rear drive axle load limiter, 13 tonnes
- RALIM15** First rear driving axle load limiter, 15 tonnes
- RALIM95** First rear driving axle load limiter, 9.5 tonnes (speed controlled)
- ASF-DL1** Air suspension with one ride height
- ASF-DL3** Air suspension with three ride heights
- ACTST-TO** Volvo Dynamic Steering
- ASFE-BAS** Volvo Dynamic Steering, basic
- ASFE-OG** Volvo Dynamic Steering with Stability Assist
- ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- ASFE-PS** Volvo Dynamic Steering with Personal Settings
- PSS-SING** Single power steering system
- PSP-FIX** Power steering pump with fixed displacement
- PSP-VAR** Power steering pump with variable displacement
- PSP-VAR2** Power steering pump with variable displacement (extra valve)
- EBS-MED** EBS (Electronic Braking System), Medium package
- EBS-STD** EBS (Electronic Braking System), Standard package
- AUXPARK** Extra parking brake on one axle
- RST-AIR** Rear air springs
- RST-AIR6** Rear air springs for hot climates
- FRAME266** Frame rail section external height 266 mm
- FRAME300** Frame rail section external height 300 mm
- FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- FIL-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-FBEB** Frame inner liner from front of bogie to end of bogie
- FIL-FBEF** Frame inner liner from front of bogie 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
- 2BAT210C** AGM batteries, 2x210 Ah
- 2BATT170** Batteries, 2x170 Ah
- 2BATT225** Batteries, 2x225 Ah
- BATTAMP** Battery voltmeter and ammeter

Standard Equipment       Optional Equipment

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

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<input type="checkbox"/> <b>BATTIND</b>	Battery voltmeter, ammeter and battery status gauge with visual alerts	<input type="checkbox"/> <b>RFEC-L</b>	Tapered lower rear frame end (for centre axle drawbar)
<input type="checkbox"/> <b>ADR1</b>	ADR adaptation, 1 switch in dashboard	<input checked="" type="checkbox"/> <b>RFEC-S</b>	Straight-cut rear frame end
<input type="checkbox"/> <b>ADR2</b>	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	<input type="checkbox"/> <b>RFEC-U</b>	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)
<input type="checkbox"/> <b>MSWI-A</b>	ADR main switch	<input type="checkbox"/> <b>C-RI4040</b>	Coupling Ringfeder 4040A G-150
<input checked="" type="checkbox"/> <b>MSWI-C</b>	Main switch on chassis	<input type="checkbox"/> <b>C-RI4045</b>	Coupling Ringfeder 4045A G-150
<input type="checkbox"/> <b>MSWI-R</b>	Key remote controlled main switch	<input type="checkbox"/> <b>C-RI5050</b>	Coupling Ringfeder 5050A G-150
<input checked="" type="checkbox"/> <b>R365A71</b>	Right 365-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l Max volume 810l	<input type="checkbox"/> <b>C-RO400G</b>	Coupling Rockinger 400 G-150
<input checked="" type="checkbox"/> <b>UL-FUEL</b>	Without left side fuel tank Min volume 160l Max volume 730l	<input type="checkbox"/> <b>C-RO50</b>	Coupling Rockinger 50 mm
<input type="checkbox"/> <b>ADTP-L</b>	AdBlue tank on left hand side	<input type="checkbox"/> <b>C-VBG520</b>	Coupling VBG 5200D
<input checked="" type="checkbox"/> <b>ADTP-R</b>	AdBlue tank on right hand side	<input type="checkbox"/> <b>C-VBG795</b>	Coupling VBG 795V
<input type="checkbox"/> <b>ADB048</b>	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> <b>TOWR-ONE</b>	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.
<input checked="" type="checkbox"/> <b>ADB064</b>	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> <b>TREL-PK</b>	Trailer electrical preparation kit (chassis/cab wiring)
<input type="checkbox"/> <b>ADB068</b>	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> <b>TREL14</b>	14-pin trailer connection
<input type="checkbox"/> <b>ADB083</b>	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> <b>TREL15</b>	15-pin trailer connection (ADR certified)
<input type="checkbox"/> <b>ADB090</b>	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> <b>TREL7</b>	7-pin trailer connection (ISO 24N)
<input type="checkbox"/> <b>ADB100</b>	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> <b>TREL7-7</b>	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
<input type="checkbox"/> <b>ADB112</b>	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> <b>TBC-EC</b>	Trailer brake connection, European Community
<input type="checkbox"/> <b>ADTC-BF</b>	AdBlue tank cover, silver metallic	<input type="checkbox"/> <b>TRBR-HCF</b>	Full-pressure, hand-controlled trailer brake check (8 bar)
<input checked="" type="checkbox"/> <b>FCAP-L</b>	Lockable diesel and AdBlue filler caps	<input type="checkbox"/> <b>TRBR-HCR</b>	Reduced-pressure, hand-controlled trailer brake check (4 bar)
<input checked="" type="checkbox"/> <b>FUFF-AS</b>	Fuel filling anti-spillage device	<input type="checkbox"/> <b>TRBR-STA</b>	Stationary trailer brake check
<input type="checkbox"/> <b>FUFF-ATS</b>	Fuel filling anti-theft and anti-spillage device	<input type="checkbox"/> <b>TRB-STRE</b>	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
<input type="checkbox"/> <b>ESH-LEFT</b>	Horizontal silencer, left exhaust outlet	<input type="checkbox"/> <b>RUP-FOLD</b>	
<input checked="" type="checkbox"/> <b>ESH-REAR</b>	Horizontal silencer, rear exhaust outlet	<input type="checkbox"/> <b>RFEND-B</b>	Rear 3-piece mudguards (anti-spray) on all rear axles
<input type="checkbox"/> <b>ESH-RIGH</b>	Horizontal silencer, right exhaust outlet	<input type="checkbox"/> <b>RFEND-T</b>	Transport mudguard
<input type="checkbox"/> <b>ESH-VERT</b>	Horizontal silencer, vertical exhaust outlet on right-hand side	<input type="checkbox"/> <b>RFH-BAS</b>	Basic mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> <b>ESV-VERT</b>	Vertical silencer, vertical exhaust outlet on right-hand side	<input type="checkbox"/> <b>RFH-HIG</b>	High mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> <b>EXST-SSP</b>	Vertical exhaust top pipe, bright polished stainless steel	<input type="checkbox"/> <b>RFH-LOW</b>	Low mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> <b>EXST-ST</b>	Vertical exhaust top pipe, aluminised steel	<input type="checkbox"/> <b>AUXATNK</b>	Extra air tank for air suspension
<input type="checkbox"/> <b>HS-NAR</b>	Muffler heat shield (EATS), narrow	<input type="checkbox"/> <b>ATANK-AL</b>	Aluminium air tanks
<input type="checkbox"/> <b>WHC-FIX2</b>	Two non-collapsible wheel chocks	<input checked="" type="checkbox"/> <b>ATANK-ST</b>	Steel air tanks
<input checked="" type="checkbox"/> <b>WHC-FOL2</b>	Two collapsible wheel chocks	<input type="checkbox"/> <b>TL-LED</b>	LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
<input type="checkbox"/> <b>WHCP-F</b>	Wheel chock holder in the front part of the vehicle	<input checked="" type="checkbox"/> <b>BLIGHT-E</b>	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 <sup>2</sup> or more. The function deactivates when retardation is less than 2.5 m/s <sup>2</sup> .
<input type="checkbox"/> <b>WHCP-M</b>	Wheel chock holder in the middle part of the vehicle		
<input type="checkbox"/> <b>WHCP-R</b>	Wheel chock holder in the rear part of the vehicle		
<input checked="" type="checkbox"/> <b>WHCP-T</b>	Wheel chock holder by-packed in cab outer luggage compartment		
<input type="checkbox"/> <b>TB-L80</b>	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> <b>TB-R80</b>	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> <b>SUP-BAS</b>	Standard side underrun protection, aluminium		
<input type="checkbox"/> <b>CHAIN-S</b>	Snow chains		
<input type="checkbox"/> <b>HOOK-SC</b>	Snow chain hooks		
<input checked="" type="checkbox"/> <b>TOWF-HD1</b>	One heavy-duty front towing device		
<input type="checkbox"/> <b>TOWMBRH</b>	Towing member, high-mounted in centre of frame		
<input type="checkbox"/> <b>TOWMBRL1</b>	Towing member, low-mounted under frame		
<input type="checkbox"/> <b>TOWMBRL2</b>	Towing member, low and forward-mounted under frame		
<input type="checkbox"/> <b>TOWMBRL3</b>	Towing member, low and far-forward-mounted under frame		
<input type="checkbox"/> <b>TOWMBRM</b>	Towing member, medium-mounted in line with lower frame flange		

Standard Equipment

Optional Equipment

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<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>SWCP-LF</b> Spare wheel carrier on left side in front of rear axle</li> <li><input type="checkbox"/> <b>SWCP-R</b> Spare wheel carrier mounted behind rear axle</li> <li><input type="checkbox"/> <b>SWCP-T</b> Spare wheel transport-mounted on top of frame</li> <li><input checked="" type="checkbox"/> <b>SWCP-TP</b> Spare wheel and carrier transport-mounted on top of frame</li> <li><input type="checkbox"/> <b>JACK-12T</b> 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</li> <li><input type="checkbox"/> <b>JACK-15T</b> 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</li> <li><input checked="" type="checkbox"/> <b>JACK-20T</b> 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</li> <li><input checked="" type="checkbox"/> <b>TOOLKIT</b> This kit consists of a tool bag (case) including the following tools: <ul style="list-style-type: none"> <li>• Combination screwdriver.</li> <li>– 1 screwdriver handle</li> <li>– 1 blade, Philips/flat blade</li> <li>– 1 blade, Torx T10/Torx T20</li> <li>– 1 blade, Torx T25/Torx T27</li> <li>– 1 blade, Torx T30/Torx T40</li> <li>• Socket wrench.</li> <li>• Adjustable pliers.</li> <li>• Allen key.</li> <li>• Adjustable spanner.</li> <li>• Hammer.</li> </ul> </li> <li><input checked="" type="checkbox"/> <b>INFLAHOS</b> Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).</li> <li><input type="checkbox"/> <b>GAUGE-TP</b> Tyre pressure gauge</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>AIRIN-HI</b> High air inlet</li> <li><input type="checkbox"/> <b>AIRIN-LO</b> Low air inlet</li> <li><input type="checkbox"/> <b>ACL1ST-S</b> Air cleaner with extra filter element</li> <li><input checked="" type="checkbox"/> <b>24A110BL</b> Alternator 110 Ampere</li> <li><input type="checkbox"/> <b>24A150BL</b> Alternator 150 Ampere</li> <li><input type="checkbox"/> <b>24AL110B</b> Alternator 110 Ampere</li> <li><input type="checkbox"/> <b>24AL150B</b> Alternator 150 Ampere</li> <li><input type="checkbox"/> <b>CCV-C</b> Closed crankcase ventilation</li> <li><input type="checkbox"/> <b>CCV-O</b> Open crankcase ventilation</li> <li><input checked="" type="checkbox"/> <b>CCV-OX</b> Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge</li> <li><input type="checkbox"/> <b>FUEQ-EH</b> Fuel line electric heater</li> <li><input type="checkbox"/> <b>AF-E</b> Electrically heated fuel filter</li> <li><input checked="" type="checkbox"/> <b>AF-R</b> Hot fuel recirculation heated fuel filter</li> <li><input checked="" type="checkbox"/> <b>FUEFE2LW</b> Large engine-mounted dual fuel filter with water separator and drain</li> <li><input type="checkbox"/> <b>FUEFE2SW</b> Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)</li> <li><input checked="" type="checkbox"/> <b>EST-AID</b> Engine intake air heater</li> <li><input type="checkbox"/> <b>220EBH15</b> Engine block heater, 220 V, 1.5 kW</li> <li><input type="checkbox"/> <b>PTER-100</b> Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646</li> <li><input type="checkbox"/> <b>PTER-DIN</b> Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653</li> <li><input type="checkbox"/> <b>PTER1400</b> Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647</li> <li><input type="checkbox"/> <b>HPE-F101</b> Engine-mounted hydraulic pump F1-101, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-F41</b> Engine-mounted hydraulic pump F1-41, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-F51</b> Engine-mounted hydraulic pump F1-51, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-F61</b> Engine-mounted hydraulic pump F1-61, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-F81</b> Engine-mounted hydraulic pump F1-81, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-T53</b> Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow</li> <li><input type="checkbox"/> <b>HPE-T70</b> Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow</li> <li><input type="checkbox"/> <b>HPE-V45</b> Engine-mounted hydraulic pump VP1-45, variable displacement, single flow</li> <li><input type="checkbox"/> <b>HPE-V75</b> Engine-mounted hydraulic pump VP1-75, variable displacement, single flow</li> <li><input type="checkbox"/> <b>PTPT-D</b> Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm</li> <li><input type="checkbox"/> <b>PTPT-F</b> Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm</li> <li><input type="checkbox"/> <b>PTR-D</b> Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm</li> <li><input type="checkbox"/> <b>PTR-DH</b> Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm</li> <li><input type="checkbox"/> <b>PTR-DM</b> Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump , 600 Nm</li> <li><input type="checkbox"/> <b>PTR-F</b> Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm</li> <li><input type="checkbox"/> <b>PTR-FH</b> Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm</li> <li><input type="checkbox"/> <b>PTR-FL</b> Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm</li> <li><input type="checkbox"/> <b>PTRD-D</b> Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm</li> <li><input type="checkbox"/> <b>PTRD-D1</b> Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm</li> <li><input type="checkbox"/> <b>PTRD-D2</b> Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm</li> <li><input type="checkbox"/> <b>PTRD-F</b> Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm</li> </ul>
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Standard Equipment       Optional Equipment

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# MODEL RANGE

## FMX D11 64 Rigid Diesel Rear Air FMX 64R 1A

- 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
- Cab Interior, Driving**
- **STWPOS-L** Left-hand drive
  - **STWPOS-R** Right-hand drive
  - STWM-LE** Steering wheel material leather
  - STGW-AD2** Manually adjustable steering wheel with neck tilt
  - **STGW-ADJ** Manually adjustable steering wheel
  - AIRBAG** Airbag on driver's side
  - DRC-AMI** Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
  - **DRC-AUTO** Regeneration control for DPF, fully automatic (in motion)
  - 1DAYB** One-day analogue tachograph, basic
  - **TAC-PK2** Preparation kit for tachograph
  - ARSL** Additional road speed limiter control (switch in dashboard)
  - **ESP-BAS1** ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
  - ESPC-RO** Electronic stability program functionality control, switch - On/Reduced/Off
  - HWSS-ACB** Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
  - HWSS-FCB** Collision Warning with Emergency Brake (forward)
  - LSS-DW** Lane Keeping Support - lane departure warning
  - LSS-DW3** Pilot Assist - active, continuous lane keeping
  - LCS2** Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side
  - LCS3** Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side
  - LCS5** Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side
  - DAS-W** Driver Alert Support
  - RSENS-W** Wipers rain sensor
  - CU-ECC** Automatic climate control with sun sensor
  - CU-ECC2** Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
  - **CU-MCC** Manual climate control (heater/cooler function)
  - **IGT-BUT** Push button ignition
  - IMMOBIL** Immobiliser
  - ALARM-E** Anti-theft alarm for cab, superstructure and trailer
  - PHONE-PK**
  - ISUNS-BS** Side interior roller blind on both sides, manually manoeuvred
  - **ISUNS-DS** Side interior roller blind on driver's side, manually manoeuvred
  - ISUNF-B**
  - ISUNF-MD**
  - ISUNF-RE** Interior roller blind, integrated in front shelf, electrically manoeuvred
  - **ISUNF-RM** Interior roller blind, integrated in front shelf, manually manoeuvred
  - ADFS** Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
  - **BUPALARM** Reversing warning
- LOADIND** Load indicator, shown in instrument display and side display
  - REMC-MF** Wireless remote control, multi-functional
  - **FIREXT3S** Fire extinguisher 3 kg, Swedish/English decal
  - **WARNVEST** Reflective vest, fulfils European standard EN 471 class 2
  - **WARNTRI2** Two warning triangles
  - AIDKIT** First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
  - AIDKIT1B** First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
  - WARNLAMP** Portable amber and white warning lamp with batteries
  - LAMP-IN** Inspection lamp with 10 m cable
  - BULBKIT** Bulb and fuse kit
  - WRITEPAD** Writing pad with paper clamp
- Cab Interior, Living**
- DST-CF1** Driver's seat Comfort
  - **DST-CF4** Driver's seat Comfort, belt in seat
  - DST-CF5** Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
  - DST-CF6** Driver's seat Comfort, belt in seat, heated, ventilated
  - SBD-RED** Red safety belts, passenger and driver seats
  - SBPRE-DS** Driver's seat belt pretensioner
  - PST-BAS1** Passenger seat Basic, non-suspended
  - **PST-CF4** Passenger seat Comfort, suspended, belt in seat
  - PST-CF5** Passenger seat Comfort, suspended, belt in seat, electrically heated
  - PST-STD2** Passenger seat Regular, non-suspended
  - PST-STD4** Passenger seat Regular, suspended
  - SBPRE-PS** Passenger seat belt pretensioner
  - ARMRE-BB** Two armrests on both driver's and passenger seats
  - ARMRE-DB** Two armrests on driver's seat
  - ARMRE-PB** Two armrests on passenger seat
  - ARU-BAS** Vinyl armrest upholstery
  - ARU-LEA** Leather armrest upholstery
  - **FMAT-RUB** Black rubber floor mats
  - FMAT-TX2** Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
  - LBK70** Lower fixed bed 2000x700 mm, non-foldable, safety net included
  - MATL-FI** Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
  - MATL-SF** Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
  - OLMAT-BA** Overlay mattress, 28 mm thick black textile
  - OLMAT-PR** Overlay mattress Premium, 35 mm thick black textile
  - TBK60F** Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
  - TBK70F** Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
  - PH-CAB2** Cab parking heater, 2 kW
  - PH-ENGCA** Engine and cab parking heater
  - PH-SS** Short stop cab heater
  - SLCP-BAS** Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
  - ETSB-F** Storage at front of engine tunnel
  - ETSB-FR** Storage at back of engine tunnel and at back, against rear cab wall
  - ETSB-FRS** Storage at front of engine tunnel and immersed in RH side of tunnel

■ Standard Equipment

Optional Equipment

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# MODEL RANGE

## FMX D11 64 Rigid Diesel Rear Air FMX 64R 1A

<input type="checkbox"/> <b>ETSB-FS</b>	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel	<input checked="" type="checkbox"/> <b>MIRCOMFX</b>	Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror
<input type="checkbox"/> <b>ETSB-R</b>	Storage at back of engine tunnel, against rear cab wall	<input checked="" type="checkbox"/> <b>AMIR-F20</b>	Front close-view mirror above windscreen, passenger side (radius 200 mm)
<input type="checkbox"/> <b>ETSB-RS</b>	Storage immersed in RH side of engine tunnel and at back against rear cab wall	<input checked="" type="checkbox"/> <b>SUNV-H</b>	Exterior front sun visor, transparent dark-grey
<input type="checkbox"/> <b>ETSB-S</b>	Storage immersed in RH side of engine tunnel	<input type="checkbox"/> <b>AD-ROOF</b>	Roof air deflector
<input type="checkbox"/> <b>RUS-BAS</b>	Storage in rear upper cab, 154 litres (300 mm high)	<input type="checkbox"/> <b>AD-SIDES</b>	Cab side air deflectors, short
<input type="checkbox"/> <b>RUS-HIG</b>	Storage in rear upper cab, 245 litres (440 mm high)	<input checked="" type="checkbox"/> <b>HL-BASIC</b>	Halogen H7 headlamps
<input type="checkbox"/> <b>REF-ICPK</b>	Preparation kit for refrigerator	<input type="checkbox"/> <b>HL-LED</b>	LED headlamps
<input type="checkbox"/> <b>REFR-RUS</b>	Refrigerator 28-litre, with dividers, on rear upper wall	<input type="checkbox"/> <b>HBDA-A</b>	Automatic main beam deactivation and reactivation
<input type="checkbox"/> <b>MICRO-PK</b>	Preparation kit for microwave oven (electrical cables to front shelf)	<input type="checkbox"/> <b>HL-CLEAN</b>	High-pressure headlamp cleaner
<input checked="" type="checkbox"/> <b>BOTH-D</b>	One bottle holder under dashboard centre section	<input type="checkbox"/> <b>HLP-ST</b>	Steel headlamp protectors (steel and plastic for FMX)
<input type="checkbox"/> <b>COFMA-PK</b>	Preparation kit (24 V) for coffee maker	<input type="checkbox"/> <b>HLP-ST2</b>	Steel and plastic headlamp protectors with steel grating for extra rough applications
<input checked="" type="checkbox"/> <b>INLI-BAS</b>	Interior white light with smooth light transition at on/off, no dimming	<input type="checkbox"/> <b>HL-ADJ</b>	Manually adjustable headlamp beam
<input type="checkbox"/> <b>INLI-NL</b>	Interior white and red (night) light with smooth light transition at on/off	<input checked="" type="checkbox"/> <b>DRL-LED</b>	Daytime running lamps (LED)
<input type="checkbox"/> <b>INLI-NLD</b>	Interior white and red (night) light with smooth light transition at on/off and dimmer	<input type="checkbox"/> <b>UDRL</b>	Without daytime running lamps (LED)
<input type="checkbox"/> <b>ARL-FLEX</b>	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	<input checked="" type="checkbox"/> <b>UDRVL</b>	Without extra main beam
<input checked="" type="checkbox"/> <b>RH-EE</b>	Roof skylight/emergency exit, tinted glass (not a hatch)	<input type="checkbox"/> <b>ASL-RF2</b>	Two LED spot lamps in sign box
<input type="checkbox"/> <b>RH-ER</b>	Roof hatch, electrically operated, steel, with emergency exit handle	<input type="checkbox"/> <b>IDLAMP-A</b>	Three amber identification lamps on mid front roof
<input type="checkbox"/> <b>RH-ETR</b>	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> <b>IDLAMP-W</b>	Three white identification lamps on mid front roof
<input type="checkbox"/> <b>RH-MTR</b>	Roof hatch, manually operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> <b>IDLMPSW</b>	Switch in cab for identification lamps
<input checked="" type="checkbox"/> <b>GLAS-TIN</b>	Tinted windows	<input type="checkbox"/> <b>BEACOA2F</b>	Two amber LED beacons on cab front roof
<input type="checkbox"/> <b>GLAS-UNT</b>	Untinted windows	<input type="checkbox"/> <b>BEACOA2R</b>	Two amber LED beacons on cab rear roof
<input type="checkbox"/> <b>SWIND-BS</b>	Rear side window on both sides	<input type="checkbox"/> <b>BEACON-P</b>	Preparation kit for roof beacons
<input type="checkbox"/> <b>SWIND-PS</b>	Rear side window on passenger side	<input type="checkbox"/> <b>BEACONA4</b>	Four amber LED beacons on roof - two on front, two on rear
<input type="checkbox"/> <b>AWIND-RF</b>	Fixed window in back of cab (without curtains)	<input type="checkbox"/> <b>CABPT-R1</b>	One front cab roof pass-through on passenger side
<input type="checkbox"/> <b>VANMIR</b>	Vanity mirror in front shelf lid	<input type="checkbox"/> <b>CABPT-R2</b>	Two front cab roof pass-throughs, one on each side
<input type="checkbox"/> <b>AS-FUS</b>	One extra shelf in each of the two front upper storage compartments	<input type="checkbox"/> <b>SPOTP-F</b>	Preparation kit for spot lamp in cab front, max 280 W
<input type="checkbox"/> <b>INFOT-PK</b>	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	<input type="checkbox"/> <b>SPOTP-R</b>	Preparation kit for spot lamp in cab roof, max 280 W
		<input type="checkbox"/> <b>SPOTP-RF</b>	Preparation kit for spot lamp in cab roof and front, max 280 W
		<input type="checkbox"/> <b>ROS-IL</b>	Roof sign illumination
		<input type="checkbox"/> <b>ROS-IL2</b>	Preparation kit for installation of roof sign illumination
		<input type="checkbox"/> <b>ROS-ILP</b>	Wiring kit for roof sign illumination
		<input type="checkbox"/> <b>CSGN-FMX</b>	FMX decal in the roof sign box
		<input checked="" type="checkbox"/> <b>HORN-F1S</b>	Single-tone Jericho horn behind grille, operated by steering wheel buttons
		<input type="checkbox"/> <b>HORN-R2S</b>	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
		<input type="checkbox"/> <b>ANT-CBR</b>	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
		<input type="checkbox"/> <b>ACCBR-AP</b>	Accessory brackets mounted on front roof, midroof and rear roof
		<input type="checkbox"/> <b>ACCBR-F</b>	Accessory bracket mounted on front roof
		<input type="checkbox"/> <b>ACCBR-FM</b>	Accessory brackets mounted on front roof and midroof
		<input type="checkbox"/> <b>ACCBR-FR</b>	Accessory brackets mounted on front and rear roof
		<input type="checkbox"/> <b>ACCBR-M</b>	Accessory bracket mounted on midroof
		<input type="checkbox"/> <b>ACCBR-R</b>	Accessory brackets mounted on mid-roof and rear roof
		<input type="checkbox"/> <b>ACCBR-RM</b>	Accessory bracket mounted on rear roof
			<b>Superstructure preparations</b>
		<input type="checkbox"/> <b>CROSSRE</b>	Cross reinforcement of frame for swap body
		<input type="checkbox"/> <b>SRWL-2RW</b>	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
		<input type="checkbox"/> <b>SRWL-PK</b>	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
		<input type="checkbox"/> <b>SWL-2FW</b>	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
		<input type="checkbox"/> <b>SWL-2RW</b>	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
		<input type="checkbox"/> <b>SWL-4W</b>	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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# MODEL RANGE

## FMX D11 64 Rigid Diesel Rear Air FMX 64R 1A

- **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**
- **WLC-H2W** 2 white LED work lamps, high-mounted on back of cab (switch included)
- **WLC-PKCH** Preparation kit (cables and switch) for work lamp inside or outside superstructure
- **WLC-PKH** Preparation kit (cables and switch) for high-mounted work lamps on back of cab
- **WLC-PKL** Preparation kit (cables and switch) for low-mounted work lamps on back of cab
- **WLC-PKLH** Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
- **ECBB-BAS** Body builder electrical centre, prepared for body builder module
- **ECBB-HIG** Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
- **ECBB-MED** Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
- **BBCHAS1** One 7-pole bodywork connector on chassis
- **BBCHAS3** Three 7-pole bodywork connectors on chassis
- **BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- **EXSTER** Support for external steering control via body builder module
- **TD-LED** TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit".
- **FRFS-BS** Frame rail free space on both sides to give space 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)

### Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)