



Basis specification

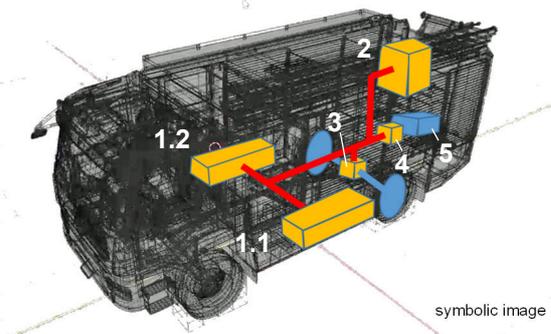
- **Chassis:**
 - › Type: Volvo FE electric 4x2
 - › Electric drive:
Power: 225 kW continuous / 400 kW peak
Torque: 850 Nm peak
 - › Battery packs:
2x 52 kWh usable (2x 66 kWh nominal)
 - › Transmission: 2-speed, automatic
 - › Electric power take-off:
Power: 70 kW continuous / 100 kW peak
Torque: 530 Nm
 - › Wheelbase: 4,500 mm
 - › Rosenbauer underride protection
- **Crew Cab:**
 - › Double cab integrated into the body
 - › Crew: 1/8 (2+3+4)
 - › 2x COMFORT SCBA brackets against and 2x in direction of driving
 - › 4x 3-point safety belts in direction of driving
 - › 3x 3-point safety belts against direction of driving
 - › Crew cab doors glass/glass
 - › Swivel stairs below crew cab doors (HighEnd)
- **Vehicle body:**
 - › Aluminum body made of self-supporting bolted and bonded aluminium sheet and profile construction with aluminium sandwich panels and durable plastic covers
 - › Aluminium roller shutters for GR1-6 (laterally) and GR7 (rear)
 - › Mechanically extendable steps GR1 and 2 (under battery packs). Everywhere else flaps
- **Control system:**
 - › RBC LCS (Logic Control System), based on CAN-Bus technology
 - › Controlling and monitoring of chassis, body, fire fighting system and alarm units
 - › Intuitive operating via RBC LCS Display 10" in drivers cab and in pump compartment (GR7)
 - › Remote Tablet Control
- **Extinguishing system:**
 - › Low pressure pump Rosenbauer N20 acc. to EN1028 FPN 10/200 in light alloy, installed under the floor of GR7
 - › Free water tank inlet (1 pipe) with damped flap

AT electric - Advanced Technology

In the style of a HLF 20



- › Central water inlet
 - › Water tank volume: 2,000 liters with automatic level regulation
 - › Foam tank: 120 liter
 - › Direct injection foam proportioning system VARIOMATIC 24 with 3 injection points
- **Outlets:**
 - › 4x LP outlets with screw-down valves (2x in GR5 and 2x in GR6)
 - **Rapid intervention device:**
 - › LP rapid intervention hose reel in GR6 with 30 m Formtex-hose (DM 32 mm)
 - **Range Extender (REX):**
 - › Diesel-powered electricity generator: 50 kW electric (continuous)
 - › Liquid-cooled 4-cylinder 4-stroke diesel engine (2,000 cc)
 - › Emission standard: Stage V
 - › 75 liters diesel tank for secured standard operation according to EN1846-2 of 4h
 - › Control via LCS
 - **Lighting:**
 - › Near and distance ambient lighting with high performance LED stripes integrated into the roof gallery over the length of the vehicle body (30,500 lm max. each side)
 - › FLEXILIGHT with LED 8 x 7,000 lm max. and 2.9 m incl. 4 flashing lights integrated into head
 - **Loading volume:**
 - › HLF20 standard loading acc. to DIN 14530-27 + customer specific equipment
 - › Only small GRT1 and 2, but additional space in GR7 (rear)
 - Conventional AT: ca. 12.0 m³
 - AT electric: ca. 12.3 m³
 - **Brackets and body components:**
 - › Roofbox COMFORT
 - › Brackets for 3-piece extension ladder
 - › Brackets for 4-piece plug-in ladder, mounted on roofbox
 - › Lowering device for RS14 power generator
 - › Preparation of device for 2x One Person Reels
 - **Digital Solutions:**
 - › Connected Fleet
 - › Connected Command



Dimensions and weight:

L x W x H	ca. 7,920 x 2,500 x 3,140 mm
Total weight	17,100 kg

Sales information:

Product code	PM131-E001
Model range	AT electric

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