

MAGIRUS HLF iDL ELECTRIC AUXILIARY FIREFIGHTING VEHICLE



SERVING HEROES. SINCE 1864.

 **MAGIRUS**

HLF iDL ELECTRIC AUXILIARY FIREFIGHTING VEHICLE TECHNICAL DATA

CHASSIS

/ Brand:	MUP-technologies GmbH
/ Designation:	ELI
/ Gross vehicle weight:	2.51 t
/ Driver's cab & crew compartment:	1 + 1
/ System performance:	30 kW
/ Drive type:	4x4
/ Torque:	2x120 Nm
/ Homologation:	Vehicle class NI
/ Battery:	Lithium LiFePo4 with 20 kW/h capacity
/ Max. speed:	65 km/h
/ Range:	up to 110 km in average case of operation
/ Charging time (230V/400V/Type2):	6.5h / 2.5h / 2.5h
/ Suspension:	Independent suspension
/ Brakes:	Front & rear disc brakes
/ Service braking system:	Hydraulic
/ Tyres:	195 / 70 / R15 C
/ Trailer load:	725 kg

- / All-electric drive with 2 selectable speed levels
- / LED lighting
- / Windscreen and mirror heating
- / Electric blower with heater
- / Trailer hitch

CHASSIS EQUIPMENT

- / Blue/yellow LED light bar, selectable for firefighting operations and internal municipal operation
- / Blue/yellow LED front flasher, selectable for firefighting operations and internal municipal operation
- / Electro-acoustic warning system
- / Magirus HMI in driver's cab
- / Magirus HMI in substructure box for pump operation
- / Reverse driving camera
- / Electrically driven high-pressure fire pump in chassis (maximum pressure 40 bar, maximum litre capacity 50 l/min)
- / 100-litre water tank in chassis frame
- / Pump can also be used without technical firefighting superstructure

SUPERSTRUCTURE CONCEPT

The vehicle is equipped with an interchangeable system with forklift support to enable rapid setup and use of a wide variety of superstructures.

Thus, not only the technical firefighting superstructure is available. The wide variety of convenient, flexible and quickly usable superstructures includes flatbeds as well as ones for fire departments and municipal enterprises, industrial plants and/or halls, urban areas, tunnel systems, etc.

TECHNICAL FIREFIGHTING SUPERSTRUCTURE

- / Designed with AluFire profiles for flexible, customer-specific assembly design
- / Low chassis height allows easy equipment removal
- / Optimum use of space and removal through five equipment compartments
- / Extinguishing system in chassis offers more space for equipment in superstructure
- / LED floodlights
- / LED equipment room lighting
- / Electric hose reel with 30m hose
- / Additional equipment according to customer requirements



Side view



Side view



Superstructure concept