

HNE MFU 50-150

**MOTORIZED
FIREFIGHTING**

MOTORIZED TOP PERFORMANCE

*Full speed ahead with motorized power!
The Mobile Foam Unit for installation on vehicles*

The HNE Mobile Foam Unit **MFU 50-150** is fast and powerful. It's just a matter of minutes until this motorized firefighting system is on-site ready to put out big fires.

When installed on a van or a pickup truck, the **MFU 50-150** can be on the spot faster than bigger, less flexible fire trucks. Also, it offers the extinguishing power of a bigger fire engine!

Since the system can be configured to fit the users' needs, it can also be installed on even smaller vehicles or be used stationary if needed.



MOTORIZED FIREFIGHTING UNIT

WATER OR FOAM

- fast switching between water and foam mode
- variable foam admixture
- adding up to 6% foam

ENORMOUS PERFORMANCE

- 50 bar working pressure enables up to 35 m in water mode
- flow rate of up to 130 l/min
- in foam mode up to 480 l/min

OPERABLE BY A SINGLE PERSON

- straightforward layout of the control panel
- variable foam admixture – steplessly adjustable with a single knob
- auto wind hose reel

WIDE FIELD OF APPLICATION

- ideal for installation on pickup trucks or similar small vehicles
- with a weight of app. 240 kg it fits many means of transport
- very flexible due to various tank sizes



IDEAL MODE FOR EVERY SITUATION

JET – high-pressure jet

The powerful jet enables an enormous throwing range – up to 35 metres! The high-pressure jet gets through every flame wall and allows the extinguishing agent to enter surfaces and gaps of the burning material and soaks it to lower the temperature and put out the fire.

SPRAY – area effect

By turning the jet gun's head, you switch to spray mode. The spray mode covers a larger area, consumes less extinguishing agent and is ideal for preventive soaking and for extinguishing small after fires and glow nests.

FOAM – dry adhesive foam

The foam mode creates a thick layer of foam by adding more air to the extinguishing mix. This high-volume foam can cover large areas with a foam blanket and thereby prevent smoke generation and reignition of the fire.



Control Panel with
Simple Layout



Area Effect
Spray Mode

APPLICATIONS

Thanks to its variability in construction and size the **MFU 50-150** offers a wide field of application.



A compact version for water tenders. Hose reel is not attached to the main module.

Here: with connection to the main water tank of the vehicle.

Installation on the cargo space of a light commercial vehicle. Version with an attached tank (here: 500 litres)



Version for decontamination purposes. On a decon vehicle with larger hose reel (100m) directly under the main module.

Here: with connection to the main water tank of the vehicle.



CONFIGURATIONS

ALL-IN-ONE TRANSPORT FRAME

The MFU can be delivered in combination with a 500-litre water tank on a sturdy universal mounting frame.

- fits light vehicles, boats, trucks, etc.
- quickly movable with a forklift
- customizable to fit your specific needs

OPTIONAL ACCESSORIES

- hose reel up to 100 m length
- remote control
- monitor for installation on vehicle roof
- available in different colours
- customization for aviation, naval or military purposes
- adapter for suction from an external water source (i.e. lakes, rivers, etc.)

HIGH-PRESSURE GUN

Switchable between jet mode and spray mode

With the attachable foam adapter (see picture below) you can create big foam blankets in a very short period of time.

WATER TANKS

- different sizes and shapes
- custom size upon request
- optional connector kit
- built onto mounting frame with the MFU or directly onto the vehicle



TECHNICAL SPECIFICATIONS

TECHNICAL SPECS	MFU 50-150
Throwing Range	up to 32 m
Spray Range	up to 10 m
Flow Rate (Water)	40-130 l/min
Max. Performance (Pump)	150 l/min at 50 bar
Foam Admixture	up to 6%
Fuel Engine	2-cylinders / 4-stroke, 627 ccm
Engine Performance	23 PS (hp) at 3600 rpm
Gas Tank Volume	7,5 l
Foam Tank Volume	25 l
Max. Suction Height	app. 2,5 m
Range of Temperature	5°C to 50°C
Weight (empty)	app. 240 kg
Height	68 cm
Width	120 cm
Length	103 cm
Hose Length	30 m

Fire Types



PORTABLE
Firefighting Systems
from 9 to 13 litres



INTEGRATED
Modular, Variable
Fire Protection System

MOTORIZED
Water, Foam and
CAFS Units



HiGUARD SERIES
For Police &
Task Forces