

MOBILE FOAM UNIT



Technologie AG

MFU



شرکت ایمن سازان محیا
تهران ۱۲۵
(تبت ۴۹۱۳۵۲)



شرکت ایمن سازان محیا
تهران ۱۲۵

MOTORIZED HIGH PERFORMANCE WATER/FOAM THROWER

شرکت ایمن سازان محیا تهران ۱۲۵ وارد کننده تجهیزات تخصصی ایمنی و آتش نشانی

برگزاری ۰۹۱۲۲۷۰۰۶۴۴
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AUTARKIC WATER & FOAM THROWER

SUITABLE
FOR:



The fast cavalry

Predestined for first responding civil defense forces, the fully autarkic MFU is a high pressure motor pump, designed for mounting on light firetrucks, trailers, or specialized security vehicles. The highly effective thrower for water with foam agents or other additives generates a focused jet with high range, far reaching clouds of spray or large foam carpets. Outstanding versatility and performance allow for various applications in the field of fire fighting, decontamination or maintenance of public safety.



Easy use, quick reaction

With fully automatic engine control and mode selection by a simple push of a button, the MFU is operable by single persons and ready for use within seconds. Variable jet focus and flow rate, multiple additive reservoirs and an attachable foam thrower make the system quickly adaptable for a broad variety of situations.



Features

- fast, efficient and versatile
- fully automatic engine control
- fully operable by single persons
- available in various configurations
- quick and easy push button control
- range and output of big water cannons
- mounting on various vehicles or trailers





Compact

Full performance and highest installation flexibility. Adjustable turbo jet gun with foldable fire hose, D-coupling and configurable length. Water supply via C-coupling with filter from external source. Intake of fuel and foam additive via suction lines from external tanks or canisters.



Premium

With integrated tanks for fuel and foam additive. Adjustable turbo jet gun with attachable foam thrower and 25 m hose on automatic reel. Additional C-coupling for external water suction.



Decon+

Customized for decontamination with full water/foam throwing capacity. Attachable foam thrower and additional switchable chemical reservoirs for quick change of additives. Available with extended hose capacity on electric or manual driven reel.



Hose reel with electric drive



SPECS MFU 50-150	Compact	Premium	Decon+
max. range - full beam	up to 32 meters	up to 32 meters	up to 32 meters
max. range - spray mode	up to 10 meters	up to 10 meters	up to 10 meters
throughput	40 – 80 – 130 l/min.	40 – 80 – 130 l/min.	40 – 80 – 130 l/min.
max. pump capacity	150 l per min./50 bar	150 l per min./50 bar	150 l per min./50 bar
gasoline engine	2 cyl. 4-stroke 627 ccm	2 cyl. 4-stroke 627 ccm	2 cyl. 4-stroke 627 ccm
engine performance	23 hp at 3600 rpm	23 hp at 3600 rpm	23 hp at 3600 rpm
gasoline tank / volume	external / variable	integrated / 7.5 liters	integrated / 7.5 liters
foam tank volume	external / variable	integrated / 25 liters	external, variable
max. suction lift	app. 2.5 m	app. 2.5 m	app. 2.5 m
range of temperature	+5 to 50 °C	+5 to 50 °C	+5 to 50 °C
weight (empty tanks)	app. 180 kg	app. 240 kg	app. 350 kg
width/depth/height	82 / 103 / 68 cm	120 / 103 / 68 cm	120 / 103 / 107 cm



MULTIPLE WAYS TO PERFECT HIGH-PERFORMANCE SYSTEMS

Independent

You want to compile your own individual MFU system? We gladly assist you with information and offer all necessary extensions and attachment parts for your chosen base module.

- inexpensive standard water tanks in different sizes
- electrical or manual reels for variable hose lengths
- integrable or external tanks for chemicals and fuel
- variable connection kits for water intake
- and more; please ask!



COMPACT

Compact package

Space-saving combination of a Compact-module with a flat shaped water tank of 600 liters volume. With retainers for canisters (fuel/chemicals) at the back. Attachment points of the support frame are adaptable on request.



SKID package

MFU module (any version) combined with a 600-liter standard water tank and mounted onto an all-in-one transport frame. Suitable for movement by forklifts, the whole unit is quickly brought into place or loaded on vehicles.



*Images similar

PREMIUM



Premium SKID package

Equal to the SKID package above, the MFU of your choice comes in a movable support frame. For accurate installation all variables like dimensions, tank capacity, attachment points or equipment level are tailored to exact customer specifications.



*Examples

DECON +



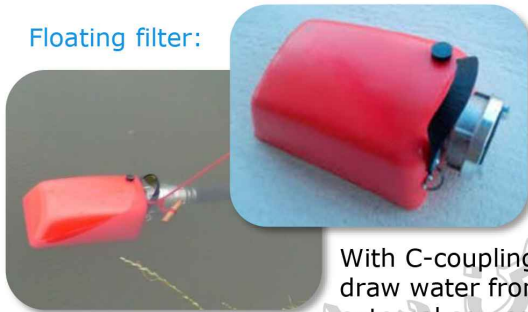
CUSTOMIZATION ON REQUEST

The MFU is adaptable to a wide range of applications.

We offer special solutions for customer-specific requirements:

- switchable additive reservoirs for quick change of chemicals
- additional high pressure outlet, switch-over by ball valve
- adaption for aviation, seafaring and military use
- customization for riot control operations
- and more; please ask !

Floating filter:



With C-coupling to draw water from external sources

Water tanks:

Combinable with a wide variety of inexpensive standard models in different sizes



Attachable foam thrower:

generates large carpets within seconds



Radio remote control:
Direct selection of the MFU main functions from the immediate point of action



Paintwork:
different color schemes on request



Example: Light flatbed truck with MFU and 500 liter water tank





Premium MFU + Volkswagen VW AMAROK



SPECS MFU 50-150	Premium variant	SPECS Vehicle	VW Amarok
max. range - full beam	up to 32 meters	engine 3.0 V6 TDI	6 cyl. / 2967 ccm
max. range - spray mode	up to 10 meters	performance kw (hp)	165 (224) at 3750 rpm
throughput	40 – 80 – 130 l/min.	fuel	diesel with AdBlue®
max. pump capacity	150 l per min./50 bar	transmission	8-gear automatic
gasoline engine	2 cyl. 4-stroke 627 ccm	drive	4-motion (permanent)
engine performance	23 hp at 3600 rpm	fuel tank	80 liters
water tank volume	600 liters	max. speed	180 km/h
gasoline tank / volume	integrated / 7.5 liters	tire size	255/60 R18
foam tank volume	integrated / 25 liters	rim size	8 J x 17 aluminum
max. suction lift	app. 2.5 m	weight	2095 - 2145
range of temperature	+5 to 50 °C	max. weight	3080 kg
weight (empty tanks)	app. 240 kg	length/width/height	5330/2085/1790

optional vehicle features:



bumper protection



top mounted emergency lights with siren (various colors and sounds)



hardtop with foldable panels



Premium SKID MFU + Mercedes Benz flatbed truck 519



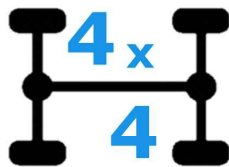
SPECS MFU 50-150	Premium variant
max. range - full beam	up to 32 meters
max. range - spray mode	up to 10 meters
throughput	40 – 80 – 130 l/min.
max. pump capacity	150 l per min./50 bar
gasoline engine	2 cyl. 4-stroke 627 ccm
engine performance	23 hp at 3600 rpm
water tank volume	2000 liters
gasoline tank / volume	integrated / 7.5 liters
foam tank volume	integrated / 25 liters
max. suction lift	app. 2.5 m
range of temperature	+5 to 50 °C
weight (empty tanks)	app. 240 kg

SPECS Vehicle	MB 519 CDI
engine	4 or 6 cyl. 2143 - 2987 ccm
performance kw (hp)	140 (190) at 3750 rpm
fuel	diesel with AdBlue®
transmission	6-gear manual
drive	rear axle / 4x4 optional
fuel tank	75 liters
max. speed	90 km/h
tire size	205/75 R16 C
rim size	16 "
weight	2415 - 2690
max. weight	5000 kg
length/width/height	6240 / 2130 / 2435 mm

optional vehicle features:



dual tires - rear



4-wheel drive



Roof mounted monitor



HNE Technologie AG

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SAVING
LIVES



MOBILE



PORTABLE



WORLDWIDE



EXTRA LIGHT

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THANK YOU FOR YOUR INTEREST - WE ARE LOOKING FORWARD TO YOU