

## MAGIRUS PORTABLE FIRE PUMP 10-1000



SERVING HEROES. SINCE 1864.

 **MAGIRUS**

# PORTABLE FIRE PUMP 10-1000 TECHNICAL DATA

## OUTPUT

/ at 3 m suction height geodetic	1,700 l/min at 8 bar 1,300 l/min at 10 bar
/ at 7.5 m suction height	1,150 l/min at 8 bar 1,050 l/min at 10 bar 2,400 l/min free-wheeling
/ Closing pressure	16 bar
/ Test pressure	22,5 bar
/ Height	812 mm
/ Length	1092 mm
/ Width	749 mm
Total weight ready for use	190 kg

## CONCEPT

- / Hugely successful 4-cylinder in-line engine with 57 kW (77 hp) at 6,000 rpm, which operates very smooth and vibrations-free
- / Due to optimum oil lubrication the pump can be operated on extreme sloping grounds, e.g. embankments
- / Two-stage MAGIRUS centrifugal pump resistant to dirty water, dry running, water hammers and temperature fluctuations, made of corrosion-proof light alloy, pump shaft made of stainless steel
- / Proven for decades: MAGIRUS “Primatic” pump self-priming system

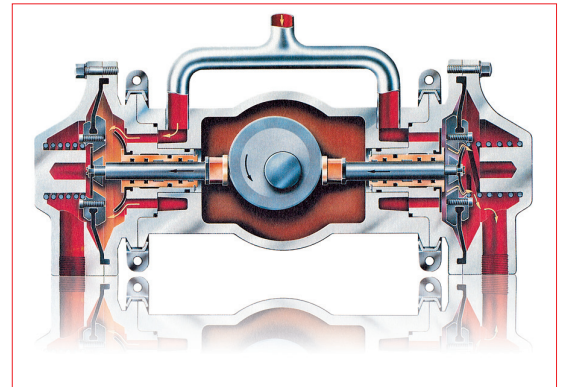
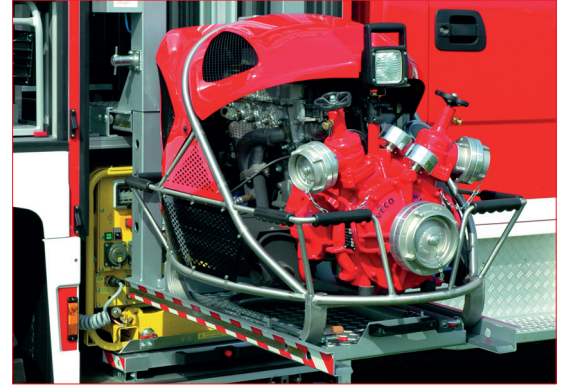
## PERFORMANCE DATA

- / Full power at 8 meters suction height for continuous operation: convincing performance in practical situations
- / Stainless steel frame with 8 plastic handles, also suitable for fixing to carrying gear (E.g. helicopter)
- / Anchoring bores in frame in line with DIN standards ensure the fire pump fits, no matter which vehicle type
- / The compact dimensions of PFPN 10-1000 mean it can be used even in the most confined spaces
- / MAGIRUS “Primatic” The pump self-priming system which guarantees high suction power
- / Ergonomic around handles allow firm grips from each side to master all carrying situations also with hands around the edge. No protruding handles means no risk to getting caught or to stumble
- / Electric starter plus. Hand starting device permanently integrated on the engine

## SELF-PRIMING SYSTEM MAGIRUS “PRIMATIC”

/ The MAGIRUS pump self-priming system “Primatic” which has been successfully used for years, is the central feature of our pump. It is particularly safe to operate with low-wear properties. Its design is based on the membrane pump which is known to be particularly insensitive to dirt. The self-priming system is switched on and off directly by pump pressure, without additional mechanical, hydraulic or electrical aid. Two independently working membrane pump units are active during the priming phase, but are at a standstill while water is being pumped. Robust design and corrosion-proof materials guarantee better-than-average operational safety.

## DETAILED VIEW



Illustrations may include additional options. Technical modifications or improvements are subject to change without notice at any time. Errors excepted.

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