

Floating Pump NIAGARA 2

Floating pumps are designed for rapid deployment in emergency and field operations where access to electrical power is limited or unavailable. The NIAGARA 2 combines compact dimensions with optimised pumping performance, enabling efficient water transfer in demanding environments. Powered by a reliable combustion engine, it operates independently of external energy sources, making it suitable for remote locations and disaster response scenarios.

The unit is engineered for versatility, supporting applications such as filling fire engine tanks, emergency irrigation, and dewatering flooded areas. Its robust construction and stable floating platform ensure consistent performance across varied terrain and water conditions, including contaminated sources.

KEY FEATURES

- Compact design for easy integration into rescue and firefighting vehicles
- Low weight and transport-friendly dimensions for rapid deployment in difficult terrain
- Unsinkable float made of high-density polyethylene (HDPE)
- Capable of pumping water with a high level of contamination
- Four-stroke engine – no need for fuel-oil mixture preparation
- Mechanical seal for extended service life
- Engine speed control system to maintain optimal pump performance
- Corrosion-resistant aluminium alloy components



PRIMARY APPLICATIONS

Firefighting water supply • Flood response and dewatering • Emergency irrigation • Municipal and forestry operations • Construction site water management

COMPLIANCE & CERTIFICATION

ISO 9001 quality assurance system

Machine Directive 2006/42/EC compliance

Conforms to national regulations of the Ministry of Interior and Administration

PRODUCT-MARKET INSIGHT

Floating pumps remain a critical tool for emergency services across Europe due to their independence from infrastructure and rapid deployment capability. The NIAGARA 2 positions itself as a reliable, field-proven solution for distributors serving firefighting, municipal, and disaster response sectors.

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TECHNICAL DATA

Specification	Value
Maximum output	1200 dm ³ /min
Nominal output (at 2 bar)	450 dm ³ /min
Maximum water throw	30 m
Pumping head	up to 30 m water column
Coupling type	Storz 75
Minimum suction depth	15 mm
Engine	Honda GXV 160
Power	3.2 kW (SAE J1349)
Fuel consumption	~1.28 l/h
Fuel tank capacity	~1.8 l
Operating time (full tank)	~1.4 hours
Weight	~29 kg
Dimensions	780 × 630 × 420 mm