

NOMAD P5d-M



Engineered for Sustained Performance in the Most Demanding Environments

The NOMAD Pumps P5d-M is a diesel-driven, high-capacity, single-stage centrifugal fire pump engineered for demanding firefighting and emergency water transfer operations where reliable, continuous performance is critical. Powered by a dependable Kubota Super Mini engine and operating on a 12VDC electrical system, the P5d-M combines durability with efficient performance to meet the needs of emergency responders in challenging environments.

Key Features

High-performance diesel driven	Centrifugal pump for reliable firefighting and emergency water transfer
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2-in digital display	With an intuitive, glove-compatible user interface. Digital pump pressure control with adjustable target pressure and selectable pressure units (bar or Kpa).
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Bluetooth connectivity	For local and remote monitoring and diagnostics
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Automatic Quick start with the push of a button (Auto), the drive and suction process are started and an operating speed is reached.

Real-time monitoring of pump pressure, engine speed, engine temperature, fuel level, battery voltage and system status.



Bluetooth (BLE) connectivity for remote monitoring and diagnostics

Over-temperature protection that automatically shuts down the engine if safe operating limited are exceeded.



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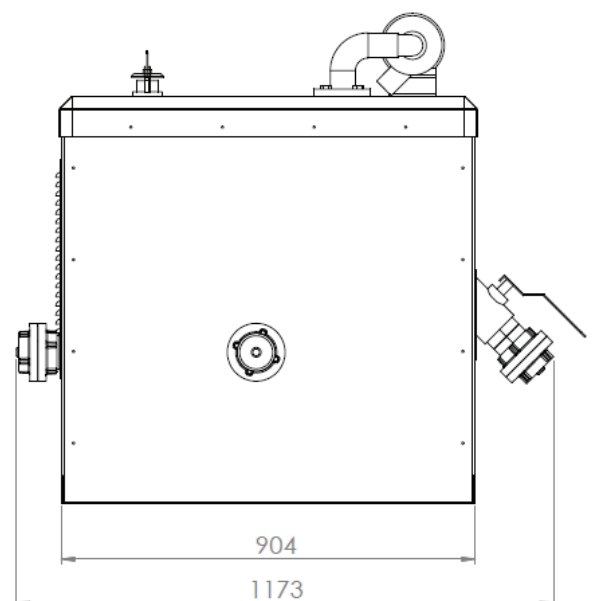
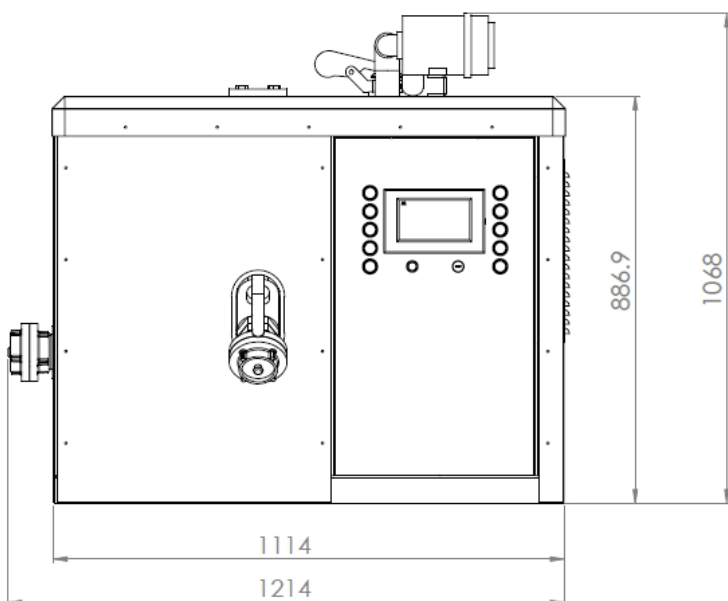
Designed for ease of operation and enhanced situational awareness, the P5d-M features an advanced multi-functional digital display screen that provides real-time system monitoring and critical operational data. Its rugged construction and integrated digital control system help ensure dependable performance, improved operator confidence, and efficient water delivery in the most demanding conditions.

Intended Applications:

- Firefighting operations including structural, wildland, industrial and municipal fire suppression
- Emergency water transfer during natural disasters, flooding, and infrastructure failures
- Drafting water from static sources such as lakes, rivers, ponds, and reservoirs
- Rural and remote firefighting where hydrants are unavailable



NOMAD P5d-M Diagram



TECHNICAL SPECIFICATIONS

Parameter	NOMAD P5d-M
Model	P5d-M
Performance	550min at 5bar and 3 m suction height
Engine	Kubota Super Mini D602-E4B, 599cc 2-cylinder, water-cooled, naturally aspirated diesel engine
Pump	Single-stage centrifugal pump
Material	Impeller, pump casing and casing cover made of seawater-resistant aluminum alloy, pump shaft made of stainless steel, Pipe system made of stainless steel, pump case made of steel
Shaft Sealing	Mechanical seal, dirt and seawater resistant, maintenance free
Priming System	ACUMAT, fast automatic air escape system, 0...8 m suction lift/height, support for manual or automatic priming, could be switched on control panel, only working in time of suction, oil free, maintenance free
Suction Inlet	Coupling system without, one for water tank connection (2.5"), another one for priming (2.5")
Pressure Outlet	One for monitor (1.5" ANSI 150 flange with cover), one for ball valve (2.5")
Voltage	12VDC
Drainage	Drain cock on the lowest points of pump casing in order to drain off water from pump casing
Control Panel	Multi-functional digital display screen 7.0"
Max. Flow	900 lpm
Max. Pressure	8 bar