



Ultra Power

Our Portable Fire Pump

PFPN 10-1000/10-1500/10-2000 in accordance with DIN EN 14466



We provide
security.

www.ziegler.de



We are ZIEGLER

As a future-oriented group, the ZIEGLER Group focuses on long-term business based on performance, reliability and sustainability.

A firefighting vehicle is an investment in the future. To ensure that this investment pays off for our customers, we guarantee the highest level of quality and innovation. That means: perfect craftsmanship, outstanding stability, optimal corrosion protection and flexibility for individual customer requirements.

This is complemented by our extensive range of firefighting equipment and components, which also meet the highest quality standards.



We provide security.

Our brand promise makes clear what ZIEGLER stands for: We see the protection of public security as our ultimate objective. In order to accomplish this task, it is our motivation and our approach to offer the best and most competitive portfolio of firefighting and emergency management solutions. We assume responsibility with respect to customer requirements and their satisfaction.

ULTRA POWER

Portable Pump

Lighter. Stronger. Smarter.



Newly developed, **single-stage pump section** especially for the use in a portable pump with previously unattained efficiency

More maintenance-friendly thanks to fewer maintenance parts, such as the new maintenance-free pump with mechanical seal and improved accessibility thanks to the extra-large removable hood

Z-Control optimized for operations on site, with user-guided operating sequence – control structure and interface are identical to the vehicle's pump control panel

Innovative Z-Connect and **Z-Remote technologies** enable smart connectivity and full visibility into all operating conditions – for greater efficiency, safety and control during operation

Longer runtime due to extra large **26 liter fuel tank** and safer refueling due to relocation and redesign of the fuel filler neck

Greater carrying comfort thanks to a reduction in weight to 175 kg

Even more **compact dimensions** with only L x W x H 1,046 x 695 x 845 mm

Automatic engagement and disengagement of the pump by means of the proven **centrifugal clutch**, thus relieving the user and increase in service life



Engine

At the heart of the Ultra Power lies a powerful 3-cylinder 4-stroke engine from Rotax. With an output of 53 kW at 6,000 rpm, this water-cooled engine is specifically designed for use in the harshest environmental conditions and impresses with its high power-to-weight ratio, reliability and torque – even at extreme temperatures and under continuous load.

Features

Well thought out in every detail



Pump

Thanks to its optimized impeller design, the newly developed pump unit achieves peak flow rates of over 2,000 l/min while delivering high efficiency and exceptionally stable flow characteristics. The result: maximum performance reserves in a compact design – reliable even under the most demanding operating conditions.



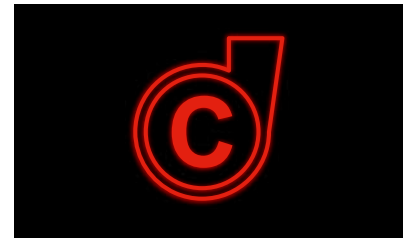
Trokomat

The proven ZIEGLER dry reciprocating priming pump significantly simplifies pump operation by means of a fully automatic priming process. The dry priming process is carried out without any additives such as water or oil. This allows the operator to concentrate completely on the water delivery during the operation.



Tourmat

The automatic adjustment of pump pressure in the event of a change in water delivery optimally relieves the operator during the operation.



Cavitation warning device

The integrated cavitation warning system continuously monitors the pump's hydraulic system and detects critical operating conditions at an early stage. This prevents damage to the pump and ensures consistently high performance during operation.

Wide range of options



Excess temperature valve

During long operation periods without water delivery (closing pressure operation), a fully automatic release of water at approx. 60 °C is ensured – cool water can flow in afterwards.



Connection options

A variety of standardized interface options such as FireCAN, MagCode, BEOS or a NATO emergency start socket make the Ultra Power universally connectable. This enables functions such as charge retention, emergency start or wired remote control via FireCAN. Thus, the Ultra Power meets all your requirements.

Z-Control

Operating concept

One system for all needs



Scan to
discover
Z-Control



Integrated Z-Control operating logic

Z-Control consolidates all relevant information into an intuitive user interface featuring clear indicators and a structured menu navigation.

The operating elements are ergonomic and glove-compatible. Each function has its own button that provides visual feedback when activated. The operator is supported by a user-guided operating sequence. The assisting system only displays functions which can be activated.

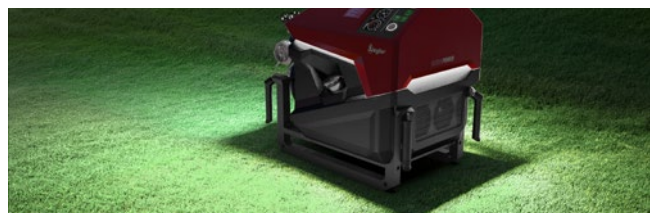


- Clear display of all performance and system data
- Intuitive, practical user interface
- Electronic speed adjustment via large rotary dial
- Automatic speed limitation in suction mode and maximum RPM
- One of the largest color displays on the market with graphic display of engine speed, fuel level as well as operating hours and pressure
- Warning and control lights in the display
- Fast fault detection thanks to built-in diagnostic functions
- Short user manual
- Maximum operational reliability on site

Z-Control Hub

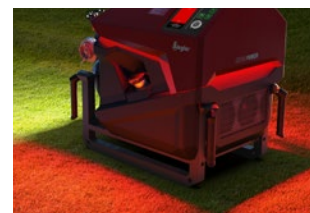
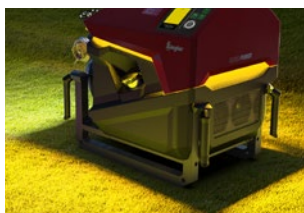
Modern operations require maximum transparency, rapid response times and reliable system integration. **Z-Connect** digitally connects the portable fire pump to the vehicle, command center, or mobile devices, with real-time data enabling informed operational decisions. **Z-Remote** makes service more efficient: operational data, diagnostic information and support features enable rapid analysis and minimize downtime.

Smart status lighting



Optimum illumination with new ambient lighting

For the first time not only the carrying frame but also the complete 360° environment of a portable pump is illuminated over a large area. This increases the safety not only at night or during transportation but also during operation.

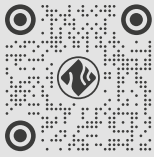


ZIEGLER status lighting

The ambient lighting can change its light color to provide the operator with warning or control messages and makes him aware of conditions that may require intervention, even from a distance.



Scan to
discover
Z-Connect



Z-Control Hub



All-round connectivity

All apps, data and services
in one place



Z-Control Hub serves as the central gateway to ZIEGLER's digital world. As an intuitive platform, it brings together applications, data and services, making it easy and efficient to take advantage of digital connectivity.

Z-Connect

Management platform

Z-Connect provides digital vehicle and fleet management and lays the foundation for modern fire department and incident management. Vehicles, equipment and personnel are interconnected via a powerful data platform. This provides a transparent, real-time overview of resources, vehicle status and incident information. The processed data helps incident commanders assess situations more quickly and make informed decisions. A growing portfolio of digital applications continuously expands the platform – from the visualization of operational and vehicle data to digital situational awareness and analysis functions. This creates a networked system that simplifies processes and connected operations more efficiently.

Z-Remote

Remote service

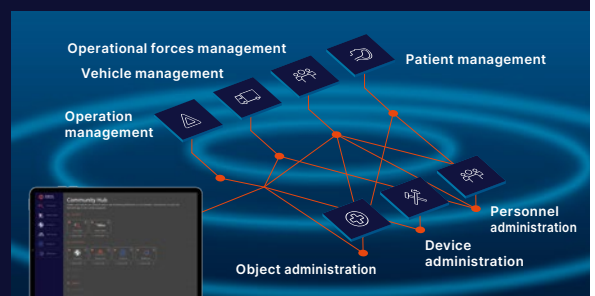
Z-Remote is the remote access and service feature of our digital solutions. Authorized technicians gain secure remote access to vehicle systems to perform diagnostics, analysis and software updates remotely. Faults can be detected more quickly and support processes can be expedited. This reduces downtime and ensures that emergency vehicles are reliably maintained and kept ready for service.



IMBOS
Cloud network

IMBOS is establishing a Europe-wide data and information exchange between fire departments, emergency services and civil protection agencies. The neutral platform integrates data in real time and supports situational assessment, incident command and post-incident analysis. This sets new standards for security, availability, administration and data protection within government agencies and organizations responsible for public safety.

www.imbos.eu



Developer, manufacturer,
trader and service provider –
all from one source.



Extinguishing technology



Control and Operation



Firefighting vehicles



Hoses and Equipment



Service



Albert Ziegler GmbH
We provide security.
Albert-Ziegler-Strasse 1
89537 Giengen/Brenz
Germany
Phone +49 (0)7322 951-0
Fax +49 (0)7322 951-211
info@ziegler.de
www.ziegler.de



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