

INTERSCHUTZ - Submersible pump NAUTILUS

New NAUTILUS submersible pump with reliable Rosenbauer pump technology and integrated flat suction device.



- **New NAUTILUS submersible pump with reliable Rosenbauer pump technology**
- **Certification according to DIN 14425 and the ÖBFV standard**
- **With integrated flat suction device**

A submersible pump is a central piece of equipment for every fire service and is used to empty out flooded cellars, wells and wastewater shafts, as well as for the water supply of pumper trucks. Such pumps should be light and yet robust, and be capable of the flattest possible suction. The new NAUTILUS submersible pump combines all these characteristics and at the Interschutz two models from the new range, the NAUTILUS 8/1 (pursuant to Type 8/1 according to DIN 14425) und die NAUTILUS 4/1 (pursuant to Type 4/1 according to DIN 14425), will be on display.

With a total weight of only 30 kg (including cable), the NAUTILUS 8/1 is the lightest submersible pump in its class. Moreover, with around 20 kg, the NAUTILUS 4/1 is also among the lightweights. In addition to their low weights, both pump models have two ergonomically designed handles, which ensure that they can be carried comfortably by one or two persons.

The NAUTILUS submersible pump is ideally suited to flat suction. After pumping out at full power, all that remains is a minimum volume of residual water, which with the NAUTILUS 4/1 amounts to just 4 mm and 8 mm with the NAUTILUS 8/1. The unique flat suction device is fully integrated into the pump, which means that the removal of the suction mesh, or the addition of an additional device, are unnecessary. The DIN 14425-tested, NAUTILUS submersible pumps also meet the ÖBFV standards. Indeed, their performance is well above the minimum requirement at 1 bar stipulated by the norm. The NAUTILUS 8/1 achieves a throughflow volume of 935 l/min at 1 bar and 1,330 l/min at 0 bar. The NAUTILUS 4/1 is more than 20 per cent above the minimum DIN stipulation, providing a throughflow volume of 510 l/min at 1 bar and 710 l/min at 0 bar. Accordingly, the NAUTILUS pumps

number among the most powerful in their classes.

A practical cable holder ensures that the cable can be directly wound up on the pump, which saves space. Moreover, in order to prevent damage to the cable guides, a cable tension-relieving device has been installed. Rosenbauer has also answered the demand for simple servicing, as thanks to an inspection port, users can themselves examine the function of the mechanical seal at any time.

With this new development, Rosenbauer has introduced a different class of submersible pump into the market. The NAUTILUS is based on proven Rosenbauer pump technology and combines very simple operation with outstanding design.

The Rosenbauer Group

Rosenbauer is an international group and a reliable partner to fire services around the world. The company develops and produces vehicles, fire extinguishing systems, fire and safety equipment and digital solutions for professional, industrial, plant and volunteer fire services and systems for preventive firefighting. Rosenbauer is represented in approximately 120 countries by a sales and service network. With revenues of € 972.2 million and around 4,100 employees (as of December 31, 2022), the Group is the world's largest firefighting technology provider.

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