



FOX

Portable pump PFPN 10-2000

Tested according to EN 14466
and DIN EN 14466

The most powerful FOX of all time.

 **rosenbauer**

Highest performance. Maximum reliability.

Where reliability meets performance

FOX portable pumps have been in service worldwide for years, and have proven themselves in the toughest firefighting operations. They are renowned for their absolute reliability. This is precisely where the new FOX model continues the trend: Even more power, low weight, and - as usual - user-friendly. With the new FOX, the standard requirement PFPN 10-2000 of EN 14466 is met for the first time.

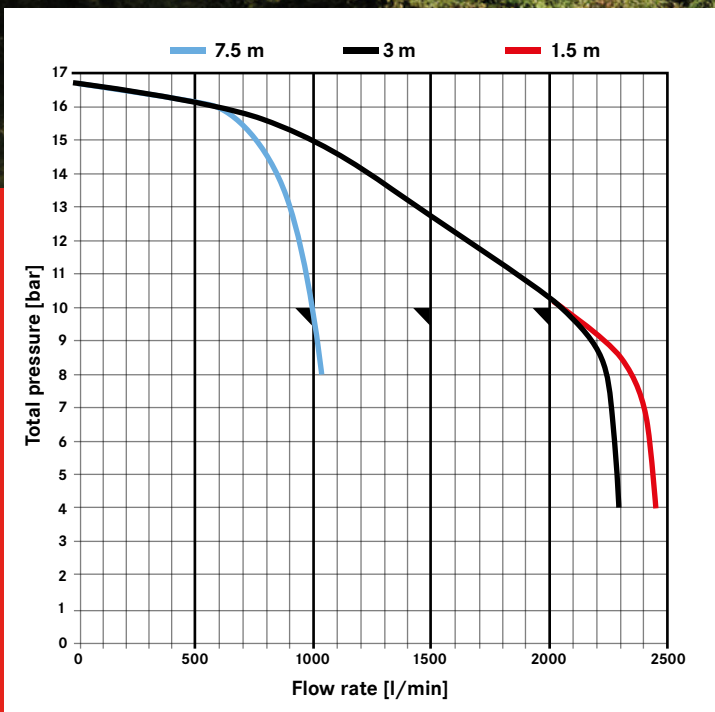


Two B-hose lines with a portable pump

Thanks to the high flow rate of over 2,000 l/min at 10 bar and 3 m suction lift, two B-hose lines with 1,000 l/min each can be optimally utilized across long distances with the FOX. This reduces the number of crew required, as fewer pumps need to be interconnected. Thanks to the even higher flow rate in free flow operation of over 2,400 l/min at 4 bar and a suction lift of 1.5 m, pumping out work can be carried out efficiently.

Quality that creates trust

The FOX centrifugal pump impresses with its high efficiency, durability and ease of maintenance. The efficiency of the pump section has been increased once again, partly by using the same impeller as that in the Rosenbauer N20 built-in pump. Powerful 3-cylinder series engines from BRP-Rotax form the power source for the FOX portable pump. Therefore, from the engine to the pump, every FOX is 'Made in Austria'. The result of years of experience and the use of synergies is a smooth interaction of the components and the most powerful FOX ever.



FOX PFPN 10-2000

Nominal performance:
2,050 l/min at 10 bar and 3 m suction lift

Bilge output:
max. 2,450 l/min at 4 bar and 1.5 m suction lift

Tank suction capacity:
max. 2,650 l/min at 4 bar in vehicle operation

Easy to operate. Strong in operation.

Clear display

The FOX is started with just one push of a button, and thanks to RBC LCS (Logic Control System), it is easy to operate. A separate tab on the control panel provides information about the pump input and output pressure.

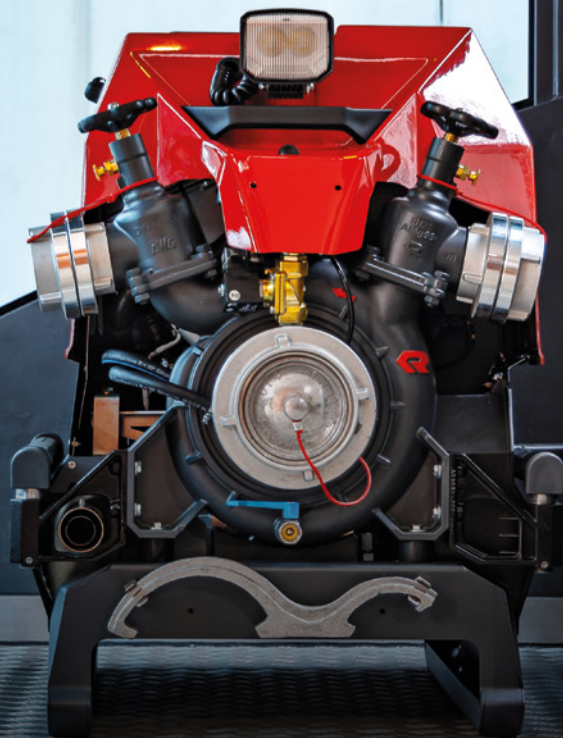
Additional functions

Additional options are available to make operation even more convenient, faster and safer. One includes a pump pressure governor with inlet pressure control and cavitation warning, while another offers five pressure pre-selection buttons.



Foldable handles, powerful light

The rubberized handles of the carrying frame, which optionally features an integrated light, are each long enough for two hands, making it easier to transport. They can be folded down, so they are not in the way during operation. The LED main spotlight of the portable pump itself is height-adjustable, and can also be removed thanks to a spiral cable. In combination with the RLS lighting system, the scene can be illuminated over a wide area or cordoned with flashing lights.



Standard features

- LED main headlights
- Tank illumination
- Carrying frame with folding handles
- Bracket for STORZ coupling wrench
- FIRECAN interface

Options

- Pressure pre-selection buttons
- Pump pressure governor with cavitation warning and intake pressure controller
- Overheat protection
- Side mounted control panel
- Carrying frame lighting
- Rotating pressure outlets
- Competition Mode
- USB sockets with storage

Accessories

- RLS lighting system
- Sockets for battery charging
- NATO external starter socket
- Chargers and charge controller
- Removable wheels
- Tank filter
- Tool kit



The FOX portable pump on one page.

For many years, Rosenbauer's FOX portable pumps have been synonymous with absolute reliability, earning the trust of fire departments around the world.

Uniquely strong, yet light and compact

The new FOX portable pump from Rosenbauer fulfills the requirements of the PFPN 10-2000 standard, with a flow rate of 2,050 l/min at an outlet pressure of 10 bar and a suction lift of 3 m. This means that two B-hose lines can be supplied with 1,000 l/min even over long distances. This reduces the number of portable pumps required in relay operation, and thus also the manpower required. At the same time, the FOX impresses with its low weight of 172 kg (ready for operation according to EN 14466), and minimal dimensions of 923 x 636 x 845 mm. This provides more storage space and payload in the firetruck, and facilitates transport over the final few meters.

Efficiency, quality and ease of maintenance

The FOX portable pump is fitted with a single-stage centrifugal pump. Its impeller with spatially curved blades in a spiral housing made of corrosion-resistant light metal alloy guarantees a very high degree of efficiency. A stainless steel pump shaft fitted with a maintenance-free mechanical seal, together with the pump's tension ring design, also makes the FOX extremely easy to maintain. The robust piston priming pump is switched on or off by an electromagnetic clutch, which automatically deactivates as soon as the centrifugal pump is filled with water. Free flow operation, which is used when draining flooded basements, for example, is possible without any modifications or operating steps. Here, the flow rate (at 4 bar pressure) is as high as 2,450 l/min.

Intuitive operation and protection systems

The FOX starts at the push of just one button. The intuitive user interface of the Rosenbauer Logic Control System then provides all status information, supports correct handling, e.g. with pressure pre-selection buttons, and reports malfunctions. For installation in vehicles, the control panel can also be mounted on the side or attached separately from the portable pump. With the optional pump pressure governor, the engine speed is automatically adjusted to the demand, and thus the outlet pressure is always kept constant.

Do you want to find out more about
the FOX portable pump?
Then visit rosenbauer.com/fox
or scan the QR code.



FOX Portable pump



Technical data

| | |
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| Pump | <ul style="list-style-type: none"> ▪ Single-stage centrifugal pump made from light alloy ▪ Curved impeller blades and diffuser in spiral housing ▪ Shaft seal with maintenance-free mechanical seal |
| Output (at 3 m suction lift) | PFPN 10-2000 <ul style="list-style-type: none"> ▪ 1,000 l/min at 15 bar ▪ 2,050 l/min at 10 bar ▪ 2,300 l/min at 4 bar ▪ Closing pressure 16.7 bar |
| Bilge output | Max. 2,450 l/min at 4 bar and 1.5 m suction lift |
| Tank suction capacity | Max. 2,650 l/min at 4 bar in vehicle integration |
| Priming pump | Piston priming pump with magnetic clutch and automatic control |
| Drive motor | BRP-Rotax R3 cylinder 4-stroke engine, 899 cm ³ , 52 kW output |
| Dimensions | L x W x H: 926 mm x 636 mm x 845 mm |
| Weight | Ready for operation: 172 kg according to EN 14466 |
| Connections | <ul style="list-style-type: none"> ▪ Suction side: 4½" (Storz A) ▪ Pressurized side: 2 x 2½" (Storz B) |
| Options (Auszug) | <ul style="list-style-type: none"> ▪ Pump pressure governor with inlet pressure monitoring system and cavitation warning ▪ Pressure pre-selection buttons ▪ Overheat protection ▪ Rotating pressure outlets ▪ Wheel set ▪ Lighting in the carrying frame for improved visibility during manual transportation ▪ Operation from the side ▪ RLS light head for additional lighting |



Efficient relay control.

Thanks to the high flow rate of over 2,000 l/min at 10 bar and 3 m suction lift, two B-hose lines with 1,000 l/min each can be optimally utilized across long distances with the FOX.