



## ULTRA POWER 4 – THE POWER 4 YOU

### PFPN 10-1000/10-1500

Portable pump with 3-cylinder, 4 stroke aluminium VW engine with electronic gasoline injection, designed as PFPN 10-1000 and 10-1500, tested according to DIN EN 14466.





# ULTRA POWER 4 –

ROBUST RELIABLE PERFORMANCE –  
MADE IN GERMANY

The power to put water where you need it:  
the new **ULTRA POWER 4**.

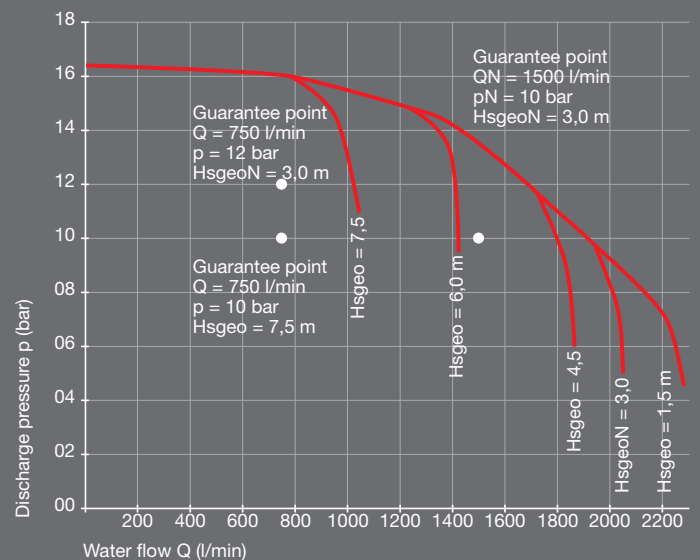




# 1900 liters per minute at 10 bar

- Simple to operate
- Automatic centrifugal clutch
- Night & day illuminated display
- Tourmat D pump pressure regulation
- Compact
- Global service
- Numerous accessories

Automatic pump activation makes operation simple. The ULTRA POWER 4 is the most powerful EN 14466 portable pump available. The automatic regulation of the output pressure by the Tourmat D ensures that the operator has one less thing to worry about. Bilge operation can be performed quickly without changing the operating mode.



# OVERVIEW

# ULTRA POWER 4

## German and Austrian Industrial Standards: DIN EN 14466 and ÖNORM EN 14466

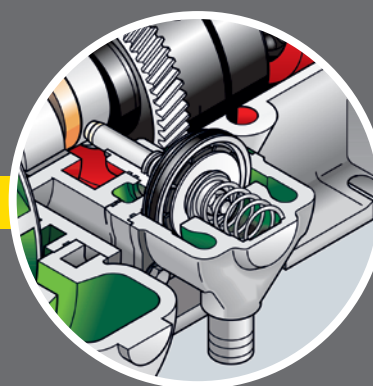
Features: Automatic centrifugal clutch activation. Automatic speed limit during suction operation. Modern engine technology, environmentally friendly, low vibration, quiet operation. Global service network with VW new control panel. All operating and control instruments are clearly arranged in a user friendly and logical position.



Uninterrupted operation due to  
**external refueling capability**



**Multifunction display**  
Bright, clear and intuitive



**TROKOMAT PLUS**  
The patented Ziegler  
automatic priming system

### THE NEW ZIEGLER UP4 FEATURES:

#### **PUMP FPN 10-1000/10-1500 ACCORDING TO DIN EN 1028**

Highly efficient single-stage centrifugal fire pumps. Parts responsible for transporting the water are made for sea-water-resistant light alloy and corrosion-resistant steel. Pump sealed using radial shaft sealing rings. A-suction inlet and 2 B-pressure outlets with self-closing globe valves, all with solid couplings and blank caps. Power transmission of the engine through automatic centrifugal clutch.

#### **MEASURING AND OPERATING INSTRUMENTS:**

Even easier to use thanks to ergonomic multifunctional display:

- Graphic fuel indicator with reserve signal light
- Tachometer and indicator light for priming speed restriction
- Operating-hours counter
- Warning and indicator lights for the cooling water, oil pressure and charge control

#### **PUMP PRIMING SYSTEM:**

TROKOMAT PLUS – Fully automatic

#### **ENGINE:**

3-cylinder, 4-stroke VW aluminium engine with electronic gasoline injection, 50 kW at 5400 rpm, modern engine technology, environmentally friendly, low vibration, smooth operation, comprehensive VW maintenance network. Automatic centrifugal clutch. Easy to operate thanks to Z-Control operation and control panel with clear multi-function display.

#### **STARTING SYSTEM:**

Electric start, button or optional recoil starter



# Worldwide service network. It's always good to be on the safe side.

Worldwide VW repair / workshop network.

Powerful Performance,  
Robust & Reliable  
German quality.



PFPN 10-1000, TEST NUMBER AZ 10101P314  
PFPN 10-1000, ÖNORM, FT 6/495/01/2014

PFPN 10-1500, TEST NUMBER AZ 10151P314  
PFPN 10-1500, ÖNORM, FT 6/495/02/2014

**1098001 ULTRA POWER 4 WITHOUT TOURMAT**

**1098002 ULTRA POWER 4 WITH TOURMAT**

## FUELING

Attractive, symmetric form fitting cover. 17-l fuel tank for unleaded premium gasoline (RON 95) or regular gasoline (RON 91).

## LIGHTING

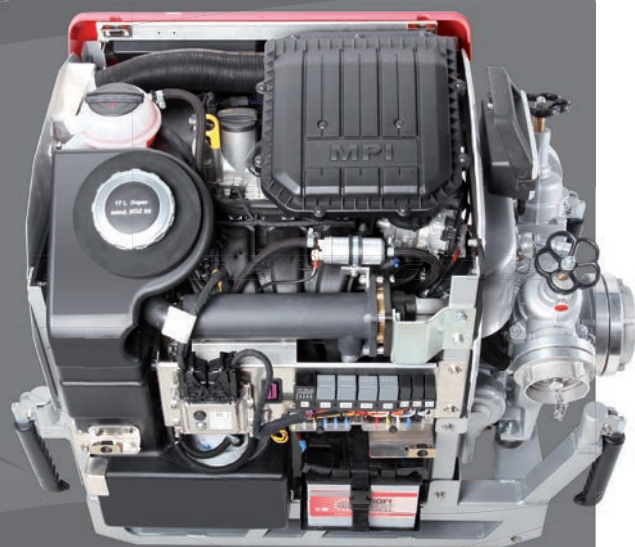
1 halogen workplace spotlight, can be retracted, rotated, and tilted in all directions.

## SUPPORTING FRAME

High-strength light-alloy frame with four ergonomic folding and rotating handles and rubberized for cold protection.

## OPERATOR FRIENDLY

Once the cover is opened, it is easy to check or refill the coolant and motor oil. Four simple turning latches allow the cover to be opened enabling coolant or oil to be checked or refilled.



The illustrations may include accessories and/or extra equipment that are not part of the standard scope of delivery.





# ACCESSORIES – EVERYTHING YOU NEED.



**TRANSPORT UNIT  
PFPN 10-1000/10-1500**

**020061**

Fast, easy installation. Can be moved by a single person.



**PROTECTIVE STRAINER FOR  
THE TANK FILL POINTS**

**733845**

The protective strainer prevents foreign material from entering the fuel tank.



**EXHAUST EXTENSION HOSE**

**083221**

1,5 m long, for removal of exhaust gases.



**TOOL KIT**

**064056**

All necessary tools for the operator are included in a high quality box.



# NON-STOP-OPERATION THANKS TO EXTERNAL FUELING

External fueling significantly extends periods of operation. A 20 l metal fuel canister, fuel extractor and additional connection to the portable pump are included in the delivery.



**1098004 ULTRA POWER 4 (WITHOUT TOURMAT) WITH EXTERNAL FUELING SET**

**1098005 ULTRA POWER 4 (WITH TOURMAT) WITH EXTERNAL FUELING SET**



**CHARGE RETENTION INSTALLATION  
KIT 230 V, INTEGRATED**

**1119290**

To maintain a full charge and monitor the battery. The cable is connected to a 230 V electrical outlet.



**VEHICLE INSTALLATION KIT, FOR  
SELF-INSTALLATION**

**1047145** 12 V Vehicle installation kit.

**1047146** 24 V Vehicle installation kit.

To maintain a full charge and monitor the battery. The connection is made using a BEOS outlet.



**MAGCODE ELECTRICAL OUTLET**

**1116923**

Magnetically coupling outlet for charge maintenance of the portable pump.



**BEOS ELECTRICAL OUTLET**

**1050586**

Three-pole screw-type outlet for charge maintenance of the UP4.



**NATO EMERGENCY START OUTLET**

**1118517**

For jump-starting the portable pump when the battery is discharged.



**FIRECAN ELECTRICAL OUTLET**

**1118987**

Interface between UP4 and external components that support this system.



**RECOIL STARTER, MANUAL  
EMERGENCY START DEVICE**

**210737**

A backup system in case the battery becomes discharged.

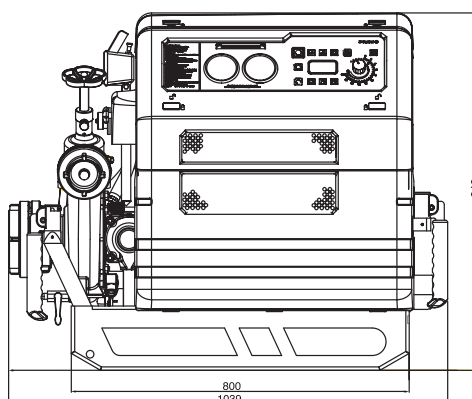
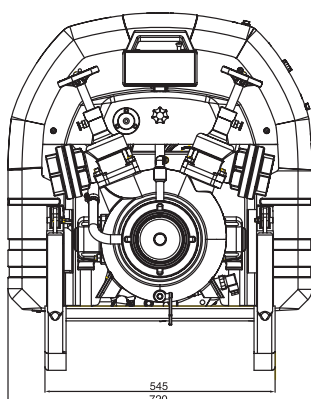


**CONTAINER FOR THE RECOIL STARTER**

**213008**

High-quality container for the safe storage of the recoil starter.

# TECHNICAL DETAILS OF THE NEW ULTRA POWER 4



**RATED OUTPUT:** 1000 l/min at 10 bar and 3 m geod. suction height  
1500 l/min at 10 bar and 3 m geod. suction height

**PUMP CAPACITY:**

- Approx. 1900 l/min at 10 bar and 3 m geodesic suction lift
- Approx. 2000 l/min at 8 bar and 3 m geodesic suction lift
- Approx. 2150 l/min at 4 bar and 1.5 m geodesic suction lift
- Approx. 1050 l/min at 8 bar and 7.5 m geodesic suction lift
- 2000l/min as bilge pump at 3 m geodesic suction lift

**SUCTION TIMES:**

- 5 s at 3 m geod. suction lift
- 19 s at 7.5 m geod. suction lift

**PUMP:**

- FPN 10-1500 according to EN 1028
- High-efficiency single-stage centrifugal fire pump.
- Water carrying components are made of seawater-resistant light alloy and corrosion-resistant steel.
- Pump sealed using radial shaft sealing rings.
- A-suction inlet and 2 B-pressure outlets with self-closing globe valves, all with solid couplings and blank caps.
- Power transmission of the engine through automatic centrifugal clutch.

**VENTING UNIT:** TROKOMAT PLUS, fully automatic

**MEASURING AND OPERATING INSTRUMENTS:**

- All operating and control elements are functionally integrated into the panel.
- Pressure gauge and mano-vacuumeter
- Start button
- Rotary handle for gas (operates electronically)
- Control panel with bright LED illumination
- Multifunctional display for: graphic fuel indicator with reserve signal light, tachometer and indicator light for suction speed restriction, operating-hour counter, warning and indicator lights for the cooling water, oil pressure and charge control

## ENGINE:

- 3-cylinder, 4-stroke VW aluminium engine with electronic gasoline injection
- 50 kW at 5400 rpm.
- 999cm³ engine displacement
- Cooling through closed cooling water circuit with heat exchanger and additional cooler.
- Electronic 2-step speed restriction for priming and max. speed (regulated via the fuel injection system), contactless battery ignition, maintenance-free valve operation using roller levers.
- Starter system: electric start with one-person emergency start mechanism using cable pull starter (optional)
- Attractive, symmetric plastic cover
- 17-l-fuel tank for unleaded premium gasoline (RON 95) or regular gasoline (RON 91), motor control using knock sensor
- Fuel pump with fill level sensor integrated in the tank.

**LIGHTING:** 1-halogen workplace spotlight, can be retracted, rotated, and tilted in all directions

**CARRYING FRAME:** High-strength light-alloy frame with four ergonomic folding and rotating handles and rubberized for cold protection.

**DIMENSIONS:**

- Length 1039 mm
- Width 720 mm
- Height 846 mm

**WEIGHT:** approx. 188 kg (operational)



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