

# HPV100 Hydropump

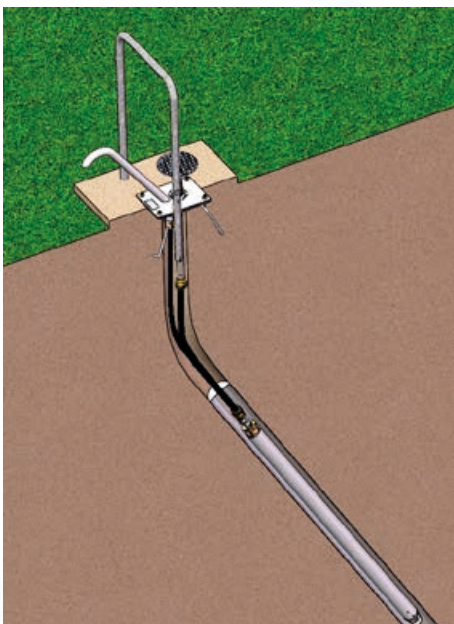
THE FOOT OPERATED PUMP FOR  
DEEP BOREHOLES AND WELLS

## The "deep well" pump

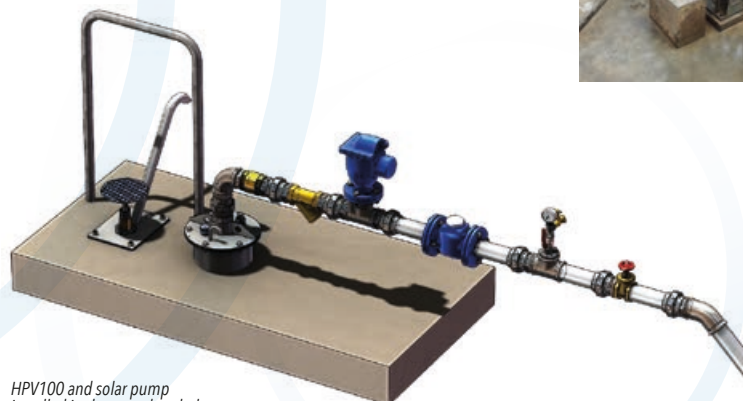
The only man-powered pump that can reach  
great depths (up to 120 metres)  
and operate for long periods.



- Hydraulic transmission, a reliable technology that has shown its worth on over 100,000 watering points since 1975.
- The HPV100 pump fully meets the **VLOM** criteria (**Village Level Operation and Maintenance**).
- The HPV100 pump is easy to install and maintain. All its wear parts are located at ground level. They are easy to access and replace using a single tool delivered with the pump.
- It has the lowest mean maintenance cost on the market: from 15 to 30 euros per year. The After Sales Service is guaranteed.
- The HPV100 pump is fully corrosion resistant through the use of corrosion-proof materials.
- The HPV100's low space occupation makes it possible to install a second electric, solar, etc. pump in the same borehole.



Installation possible in a non-vertical borehole



HPV100 and solar pump  
installed in the same borehole



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## TECHNICAL SPECIFICATIONS

### PUMP TYPE

Hydraulic transmission  
Multi-operators foot pumping

### MINIMUM BOREHOLE DIAMETER

4"

### COMMAND CYLINDER (STAINLESS STEEL)

Length : 660 mm  
Inner diameter : 60,5 mm

### COMMAND ROD (STAINLESS STEEL)

Length : 660 mm  
Inner diameter : 22 mm

### PIPES

Control HDPE PE100 PN35 - Ø32 x 6  
Discharge HDPE PE100 PN16 - Ø32 x 3

### PUMP BODY (STAINLESS STEEL)

Length : 2320 mm  
Outer diameter : 90 mm  
Weight : 15 kg

### BLADDER

Rubber  
Length at rest : 1590 mm

### VALVES

Polyurethane membrane and ball

### SCREEN AND FILTER

Standard polyethylene screen

## MAINTENANCE

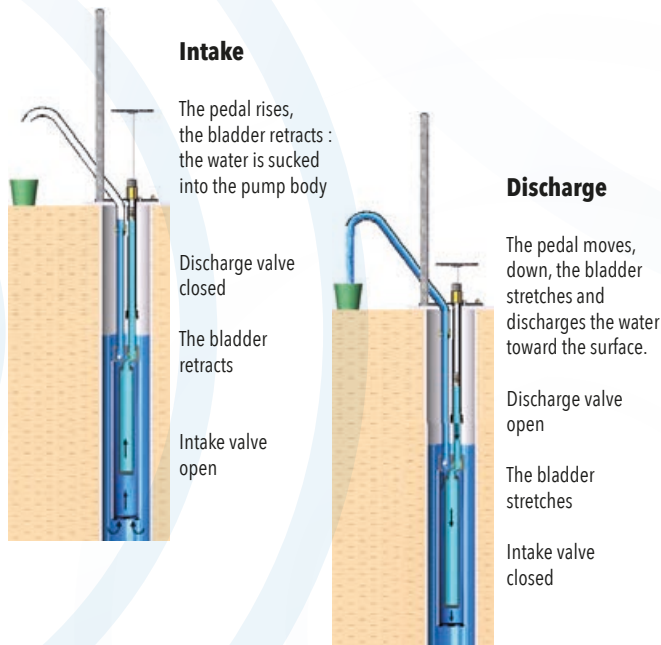
### PUMP AND OUTLET

With regular maintenance, the pump has a service life in excess of 15 years thanks to its corrosion-proof materials.

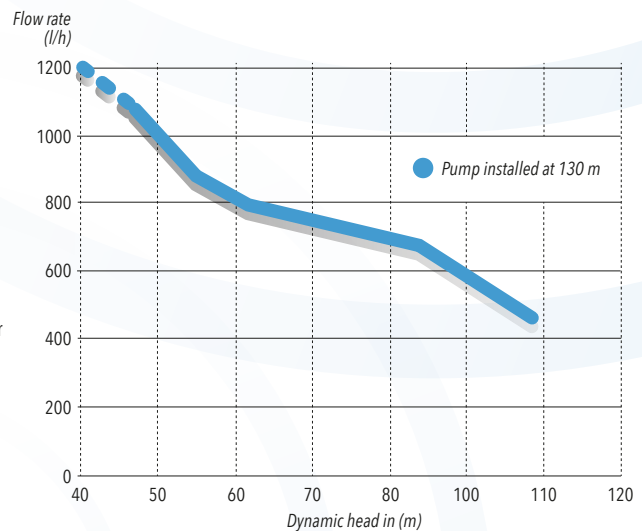
### BLADDER

Severe quality control tests make it possible to offer a 3-year warranty.

## OPERATION



## PERFORMANCES



Certificate N° BV-OLN 494018 of 12/04/1994 - Bureau Veritas



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