Hydropump

HPV60-2000

THE REFERENCE IN VILLAGE LEVEL HYDRAULICS
FOR MEDIUM DEPTH BOREHOLES AND WELLS

The “All terrain” pump

Hydraulic transmission, a reliable technology that
has shown its worth on over 100,000 watering
points since 1975.

The HPV60-2000 pump fully meets
the VLOM (Village Level
Operation and Maintenance).

The HPV60-2000 pump is easy
to install and maintain. All its wearing 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 HPV60-2000 pump is fully
corrosion-proof through the use of
corrosion-proof materials.

The HPV60-2000’s low space occupation
makes it possible to install a second electric,
solar, etc. pump in the same borehole.

Other possible pumps:

- Manual “India” design (Hydro-India)
- Manual ergonomic design (MPV60)
- Pump management using a built-in
  volumetric meter.

EASY TO INSTALL • EASY TO USE • EASY TO MAINTAIN
HPV60-2000 Hydropump

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TECHNICAL SPECIFICATIONS

PUMP TYPE
Hydraulic transmission
Maximum installation depth: 60 metres

FOUNTAIN

MINIMUM BOREHOLE DIAMETER
For 1 pump: 4”    For 2 pumps: 6”

COMMAND CYLINDER (STAINLESS STEEL)
Length : 480 mm
Inner diameter : 30 mm

WEIGHT
Handlebar fountain: 20 kg
Handle fountain: 23 kg

PISTON STEM (STAINLESS STEEL)
Ø 22 mm – Stroke 320 mm

PIPES
High density polyethylene PE100 PN16- Ø32 mm x 3mm
0,3 kg per linear metre

PUMP BODY (STAINLESS STEEL)
Length: 1360 mm
Outer diameter: 94 mm - Weight: 10 kg

BLADDER
Rubber - Length at rest: 747 mm

VALVES
Polyurethane and rubber membranes, polyurethane ball

SCREEN AND FILTER
A stainless steel strainer at the foot of the pump
A stainless steel filter in the valve box

OPERATION

Intake
The pedal rises, the bladder retracts: the water is sucked into the pump body
Discharge valve closed
The bladder retracts
Intake valve open

Discharge
The pedal moves down, the bladder stretches and discharges the water towards the surface
Discharge valve open
The bladder stretches
Intake valve closed

PERFORMANCES

With regular maintenance, the pump has a service life in excess of 15 years thanks to its corrosion-proof materials.
Severe quality control tests make it possible to offer a 3-year warranty.

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