

Hydropump HYDRO-INDIA 60

HYDRAULIC TRANSMISSION PERFORMANCES COMBINED
WITH INDIA PUMP DESIGN

A new life for INDIA pumps

thanks to hydraulic transmission, a reliable technology that has shown its worth on over 100,000 water points over the past 40 years.



Installation possible in a non-vertical borehole

🔥 An INDIA pump that meets **VLOM (Village Level Operation and Maintenance)**, requirements, its light weight makes it possible to install and remove it in less than 30 minutes without any lifting device.

🔥 A pump designed to quickly and economically rehabilitate any INDIA or AFRIDEV type pump. The HYDRO-INDIA 60 can be adapted to all existing pedestals without altering the existing concrete platform.

🔥 An intrinsic discharge capacity guaranteed over time, without any watertight seal type (required on classic INDIA pumps).

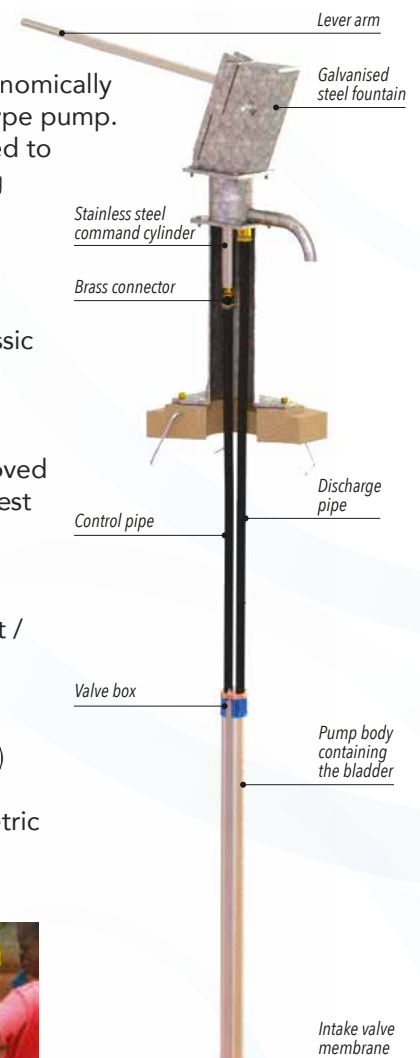
🔥 Easy to access wearing parts. The pump does not need to be removed from the borehole. Amongst the lowest maintenance costs on the market.

Option:

- Pump protection using an anti-theft / anti-use system.
- Discharge to a tank.
- Other possible fountains:
Foot-operated pump (HPV60-2000)
Ergonomic (MPV60)
- Pump management using a volumetric meter.



Quick and economic rehabilitation of any INDIA or AFRIDEV type pump.



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TECHNICAL SPECIFICATIONS

PUMP TYPE

Hydraulic transmission - Manual lever pumping
Maximum installation depth: 60 metres

FOUNTAIN

MINIMUM BOREHOLE DIAMETER

For 1 pump: 4" For 2 pumps: 6"

COMMAND CYLINDER (STAINLESS STEEL)

Length: 215 mm - Interior diameter: 60.5 mm

WEIGHT : 55 kg

PISTON STEM (STAINLESS STEEL)

Ø 22 mm - Stroke 116 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 screen at the foot of the pump

A stainless steel filter in the valve box

MAINTENANCE

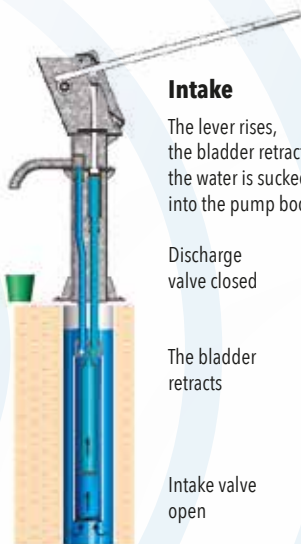
PUMP AND OUTLET

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



Intake

The lever rises, the bladder retracts: the water is sucked into the pump body

Discharge valve closed

The bladder retracts

Intake valve open

Discharge

The lever moves down, the bladder stretches and discharges the water towards the surface

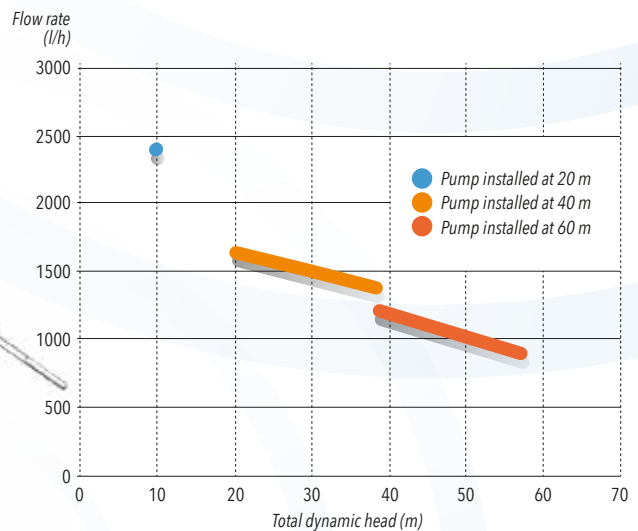
Discharge valve open

The bladder stretches

Intake valve closed



PERFORMANCES



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