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TPI 500

PTO water pump with hydraulic rotation and lift, Ø500 mm

Item no.: P170-31926



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Parameters

Name	Value
Pipe diameter	500 mm
Pipe Length	4 / 5 / 6 / 7 m
Drive	Tractor PTO .
PTO speed	540 rpm
Coating	Painted, orange RAL 2004 (hot-dip galvanized on request) .
Standard valve	Vacuum relief valve .
Hydraulic connection / pair	Hydraulic rotation and lifting (tractor hydraulics) .
PTO Power	95 kW
Waterflow	14 400 – 40 800 litre/min
Discharge height	10 000 – 2 100 mm
Weight	910 / 1 050 / 1 080 (4 / 5 / 6 m) kg

Description

The Pennacchio TPI is a tractor-mounted water pump driven by the power take-off (PTO), designed for crop irrigation and for moving large volumes of water. Water can be drawn from canals, ditches, reservoirs and waterways, making the best use of the available water resources.

Its fully hydraulic system rotates and lifts the pump easily and precisely. Connected to the tractor's hydraulic system, the working position can be adjusted quickly, ensuring practical and precise operation even at high flow rates and low heads.

The TPI 500 has a 500 mm pipe diameter and runs at 540 rpm with a 95 kW power requirement. It delivers 14,400 to 40,800 litres per minute (864 to 2,448 m^3/h) at heads from 10 m down to 2.1 m. It is available with tube lengths of 4, 5, 6 and 7 metres. All versions are fitted with an industrial slewing ring.

Standard equipment:

- Painted orange RAL 2004
- Vacuum relief valve
- External greasing kit
- Industrial slewing ring (all versions)

Options:

- Hot-dip galvanized version
- Standard PTO shaft L 1100, cat. 6

- Water deflectors and PVC layflat hoses
- Custom configurations and dimensions on request