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TPI 300

PTO water pump with hydraulic rotation and lift, Ø300 mm

Item no.: P170-31923



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Parameters

Name	Value
Pipe diameter	300 mm
Pipe Length	3 / 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	40 kW
Waterflow	8 400 – 16 800 litre/min
Discharge height	7 000 – 3 100 mm
Weight	385 / 480 / 525 / 630 (3 / 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 300 has a 300 mm pipe diameter and runs at 540 rpm with a 40 kW power requirement. It delivers 8,400 to 16,800 litres per minute (504 to 1,008 m^3/h) at heads from 7.0 m down to 3.1 m. It is available with tube lengths of 3, 4, 5, 6 and 7 metres. The 6 m and 7 m versions are fitted with an industrial slewing ring.

Standard equipment:

- Painted orange RAL 2004
- Vacuum relief valve
- External greasing kit
- Industrial slewing ring (6 m and 7 m 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