



# **TURBOSOL**<sup>®</sup>

PUMPING TECHNOLOGY FOR THE BUILDING INDUSTRY

**TURBOSOL**  
over 60 years  
of experience  
and reliability

## **POLI T**

### **WORM PUMP**



POLI T: modular design and top performance for professional plaster and mortar jobs.

[www.turbosol.it](http://www.turbosol.it)

# POLI T

## TECHNICAL DATA

	EV	2V
Electric motor	5,5 kW - 400 V / 50 Hz	3,3/4,4 kW - 400 V / 50 Hz
Worm pump	2L6 (T25)	2L6 (T25)
Infinitely adjustable output*	8 - 45 l/min (8 - 55 l/min - T25)	20 or 40 l/min (24 or 48 l/min - T25)
Max. aggregate size	6 mm (8 ÷ 10 mm - T25)	6 mm (8 ÷ 10 mm - T25)
Max. working pressure	25 - 40 bar (15 - 30 bar - T25)	25 - 40 bar (15 - 30 bar - T25)
Hopper capacity	120 l	120 l
Delivery distance*	up to 60 m	up to 60 m
Delivery height*	up to 40 m	up to 40 m
Filling height	55 cm (122 cm with pan mixer)	55 cm (122 cm with pan mixer)
Delivery manifold	Ø 50 mm	Ø 50 mm
Size (L x W x H)	230x80x65 cm (130 cm with pan mixer)	230x80x65 cm (130 cm with pan mixer)
Weight	250 kg - 395 kg with pan mixer	250 kg - 395 kg with pan mixer

## Pan Mixer (optional)

Mixer drive	1,5 kW - 400 V / 50 Hz	1,5 kW - 400 V / 50 Hz
Pan mixer capacity	120 l	120 l

\* The data indicated are theoretical and depend on the quality and consistency of the materials to be used, wear and tear of the pump and the diameter of the hoses. The performance in distance and height can not be reached simultaneously.

## Characteristics

Poli T is a modular electric worm pump that can be assembled with different components depending on the application to be performed. When supplied with a pan mixer, Poli T turns into an effective mixing and pumping plant

## Applications

- Common and ready-mixed masonry mortars
- Rough coats, traditional, ready-mixed and insulating plasters
- Concrete repair mortars
- Thin layer plasters, stucco and texture coatings
- Lightweight mortars and self-levelling screeds
- Cement slurry injection at controlled pressure
- Injections, geothermal injections and grouting
- Bonding and anchoring mortars
- Pressure pointing
- Slab jacking
- Fire proofing
- and much more...

## Technical comfort

- Easy to handle thanks to its low weight and to the pneumatic wheels -chassis.
- Large hopper discharge door and single greasing point for easy and fast cleaning and maintenance procedures.
- Centralized user-friendly operational controls
- Large capacity hopper of 120 l with agitator and safety grill.
- Variety of accessories for any task to be performed on site.

## Scope of delivery

- Continuously variable output with mechanical variable speed drive (EV version) or 2 fixed speed (2V version)
- Delivery manifold with cam-lock couplings Ø 50 and pressure gauge
- 33 m cable remote control or pneumatic control to be selected from the switchboard
- Pneumatic wheels
- Safety grill on hopper
- Centralized switch board for pump and attachments
- Agitator with elastic coupling
- Manual grease pump
- Accessory box with spray gun and set of nozzles

### Ready-mixed plaster model (up to 6 mm aggregate size)

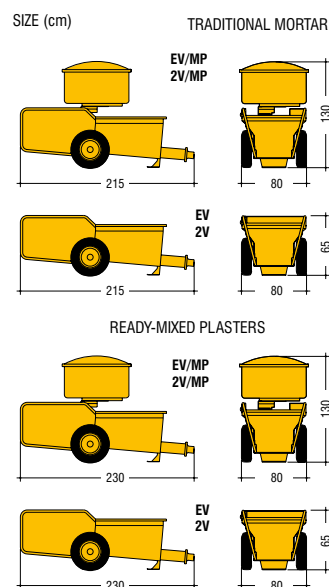
- 2L6 worm gear pump group and 35 m mortar/air hose with cam-lock couplings

### Traditional mortar model (up to 8/10 mm aggregate size)

- T25 worm gear pump group, 30 m mortar/air hose with cam-lock couplings and vibrating sieve

### Optionals

- Pan mixer with 1,5 kw motor and reverse gear (MP version)
- 250 l/min – 0,82 kW Turbosol membrane compressor (built-in)
- 592 l/min – 3 kW compressor for thin layer applications (separate)
- Spray gun for thick layer ready-mixed plasters
- Water gauge
- Cement slurry injection device
- Fine plaster kit
- Self-levelling floor screeds kit
- 60.12 pump group for self-levelling floor screeds
- Hose extensions Ø 50, Ø 35, Ø 25
- Vibrating sieve



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Standard equipment and optionals could vary due to specific market and legal requirements. The data in this brochure are purely indicative. Turbosol Produzione S.p.A. could make alterations to the models described in this brochure at any time for technical and commercial reasons.

