

TURBOSOL
over 60 years
of experience
and reliability

 **TURBOSOL**[®]
PUMPING TECHNOLOGY FOR THE BUILDING INDUSTRY

POLI T

STANDARD EQUIPMENT

- Self-bearing cases with pneumatic wheels
- 120-litre hopper with agitator
- Pan mixer with 1,8 kw motor and reverse gear (MP version)
- Continuously variable output with mechanical gear variator or 2 fixed speed.
- Pump outlet with cam-lock couplings Ø 50
- Electric remote control box (with 33 m cable) or pneumatic, to be selected from the switch board
- Switch board built in accordance to EC norms with plugs and selectors
- Accessory box with spray gun and a set of nozzles
- Technical literature

READY-MIXED PLASTERS VERSION

- 2L6 worm gear pump group
- 35 meters (20+10 Ø 35 + 5 Ø 25) mortar hose with cam-lock couplings and 36 meters (20+16) air hose Ø13 with quick couplings

TRADITIONAL MORTARS VERSION

- T25 worm gear pump group
- Vibrating sieve with 8 mm mesh
- 30 meters (20+10 Ø 35) mortar hose with cam-lock couplings and 31 meters air hose Ø 13 with quick couplings

ACCESSORIES UPON REQUEST

- 250 l/min – 0,82 kW Turbosol membrane compressor (built-in)
- 592 l/min – 3 kW compressor for thin layer applications (seperate)
- 60.12 worm gear pump group
- Water gauge
- Mushroom shaped dish with scraper for pan mixer

SAFETY DEVICES

- Automatic shutdown of all moving parts when opening the safety grid in the hopper or the pan mixer
- Sensors to protect the pump and the motor

POLI T EV - EV/MP - 2V - 2V/MP		
TECHNICAL DATA	EV	
Version	EV	EV/MP
Electric motor	5,5 kW - 400 V	5,5 + 1,8 kW-400V
Worm gear pump ^Δ	2L6 (T25)	
Maximum granulometry	from 0 to 4 ÷ 6 mm (from 0 to 8 ÷ 10 mm - T25)	
Progressive theoretical output* ²	variable from 8 to 45 l/min (from 8 to 55 l/min - T25)	
Max. working pressure	variable from 25 to 40 bar (from 15 to 30 bar - T25)	
Loading height	55 cm	121 cm
Pan mixer capacity	---	120 l
Size (L x W x H)	230 (215 - T25) x 80 x 65 cm	230 (215 - T25) x 80 x 130 cm
Weight	250 kg (265 kg - T25)	395 kg (410 kg - T25)

TECHNICAL DATA	2V	
Version	2V	2V/MP
Electric motor	3,3/4,4 kW-400V	3,3/4,4 + 1,8 kW-400V
Worm gear pump ^Δ	2L6 (T25)	
Maximum granulometry	from 0 to 4 ÷ 6 mm (from 0 to 8 ÷ 10 mm - T25)	
Progressive theoretical output* ²	20 or 40 l/min (24 or 48 l/min - T25)	
Max. working pressure	variable from 25 to 40 bar (from 15 to 30 bar - T25)	
Loading height	55 cm	121 cm
Pan mixer capacity	---	120 l
Size (L x W x H)	230 (215 - T25) x 80 x 65 cm	230 (215 - T25) x 80 x 130 cm
Weight	250 kg (265 kg - T25)	395 kg (410 kg - T25)

^Δ 60.12 worm gear pump group (upon request)

*² These data are not absolute but depend on the quality of the materials to be pumped, their consistency, wear and tear of the pump and the diameter of the hoses being used. The performance in distance and height can not be reached simultaneously.

POLI T Applications



POLI T

SCREW-PUMP PLASTERING MACHINE FOR COMMON AND SPECIAL MORTARS



POLI T IS A COMPLETELY MODULAR ELECTRIC WORM GEAR PUMP, YOU CAN ASSEMBLE IT USING ALL THE COMPONENTS WHICH ARE MORE SUITABLE FOR YOUR NEEDS, WHEN SUPPLIED OF PAN MIXER, POLI T BECOMES A REAL MIXING AND PUMPING AUTOMATIC PLANT.

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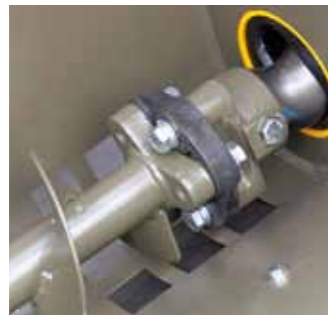


COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =

The equipment on the models and the 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.

POLI T

SCREW-PUMP PLASTERING MACHINE FOR COMMON AND SPECIAL MORTARS



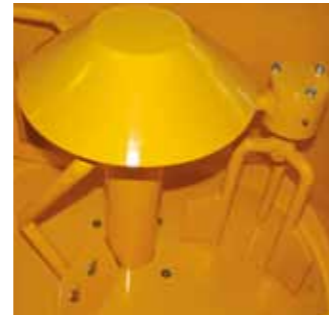
Flexibility

Equipped with a worm gear (or screw) pump, POLI T is extremely flexible and efficient and can be used for all kinds of jobs by building professionals: builders, plasterers, decorators, floor layers and specialists. It can be equipped with different pump groups, hoses and guns, thus permitting to spray mixture of different granulometry and to accomplish any kind of specific job. Available in two versions (traditional mortars and ready-mixed plasters) for maximum operational flexibility.



Construction quality

All the components have been carefully selected to guarantee maximum reliability and long life. Built to comply with all national and international safety standards. Top performance and great flexibility for handling any job with the best results.



Pan mixer

Available with a special pan mixer powered by 1.8 kW three-phase motor and reverse gear. Suitable for fast and homogeneous mixes, special and shrinkage compensating cementitious materials.



Maximum power

Available with variable mechanical gear variator or 2 fixed speed. Generates a strong starting torque with a small motor, without reducing the performance.



Applications

For mixing, pumping, spraying and injecting traditional mortars, ready-mixed plasters, cementitious slurries, ready-mixed insulating materials, fire proofing mortars and self-leveling screeds.



Ergonomy

Washing and routine maintenance operations are extremely easy and quick. Smooth and clean surfaces. Simplicity of use guaranteed by the rational layout of the controls. Designed for simple and safe operation.

