



# **TURBOSOL<sup>®</sup>**

PUMPING TECHNOLOGY FOR THE CONCRETE INDUSTRY

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

## **TB 70E**

### **S-VALVE PUMP**



TB 70E: emission-free technology, new compact design, best performances and low noise level in the toughest operating conditions.

**[www.turbosol.com](http://www.turbosol.com)**

## TB 70E

## 70E

### TECHNICAL DATA

Electric motor	75 kW - 400 V - 50 Hz
Infinitely adjustable output (max)*	from 8 to 70 m³/h
Max. aggregate size	35 mm
Max. working pressure	55 bar
Pumping cylinders	Ø 200 mm stroke of 1000 mm
Max. strokes	37/min
Drive cylinder diameter	100/56 mm
Delivery manifold	Ø 150 mm
Hopper capacity	500 l
Delivery distance*	160 m
Delivery height*	60 m
Filling height	128 cm
Chassis	manual draw bar - fixed axle and pneumatic wheels
Size (L x W x H)	454X210X205 cm
Weight	3.650 kg

\* 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 cannot be reached simultaneously.



### Characteristics

TB 70E is the new high-performance concrete pump with S-valve and variable output with emission-free electric motor.

Solid structure, reliable controls ensure high level performance with all sort of concrete and low operating costs. It is the ideal partner for tunnel concrete jobs, precast applications and much more such as smart use in city centres.

### Applications

- Construction in city centres
- Pumping up to 35 mm of concrete
- Pumping grouts
- Land reinforcement
- Precast applications
- Tunnel concrete applications

### Technical comfort

- The practical doors on the canopy and the new construction concept make maintenance and control operations quick and easy.
- Tubular chassis including water and oil tanks.
- Lifting eyes.
- Discharge door hydraulically operated for fast cleaning operations.
- Components generously dimensioned.
- Fully hydraulic controls.
- New internal layout concept.
- Compact design.
- New hopper-valve-agitator design ideal even for harsh concrete.
- Reduced noise level on jobsite thanks to the 75 kW electric motor.
- Fuel savings and fewer emissions without renouncing output or distance performances.

### Scope of delivery

- 75 kW electric motor
- Hopper assembly with S-valve and agitator
- Concrete grill with vibrator
- Centralized lubrication system
- Outlet collector Ø 150 mm with Victaulic couplings
- Hydraulic discharge door
- Safety horn
- 4 manual stabilizers
- Hydraulic circuit with optimized exchange sequence
- Electromechanical control board
- Bosch Rexroth variable displacement pump
- Lifting eyes
- Steel bend at 90° Ø 150 and reduction cone from Ø 150 to Ø 125
- 30 m cable remote control
- 2 washing sponges
- Manual grease pump
- Accessory box

### Optionals

- Water pump 40 l/m' - 20 bar
- Various dimensions hoses Ø 125, Ø 100, Ø 75, Ø 65, Ø 50 and related accessories
- Hydraulically controlled air compressor, twin-cylinder, capacity 800 l/min
- Automatic lubrication system
- Radio remote control



# TURBOSOL

PUMPING TECHNOLOGY FOR THE CONCRETE INDUSTRY

TURBOSOL PRODUZIONE S.r.l.

Via Alessandro Volta, 1 - 31030 Pero di Breda di Piave (Treviso) - Italia

Tel. +39 0422 90251 - Fax +39 0422 904408 - E-mail: [info@turbosol.it](mailto:info@turbosol.it) - [www.turbosol.com](http://www.turbosol.com)

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

