



TURBOSOL[®]

PUMPING TECHNOLOGY FOR THE CONCRETE INDUSTRY

TURBOSOL
over 60 years
of experience
and reliability

TB 30

S-VALVE PUMP



TB 30: cutting edge technology, new compact design for best performance in the toughest jobsites.

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TB 30

TECHNICAL DATA

| | |
|--------------------------------|---|
| Air cooled diesel engine | Hatz 3M41 - 3 cil. - 36,3 kW - 50 HP (Stage III A) |
| Infinitely adjustable output* | from 2 to 30 m ³ /h |
| Max. aggregate size | 35 mm |
| Max. working pressure | 80 bar |
| Pumping cylinders | Ø 200 mm stroke of 570 mm |
| Max. strokes | 28 |
| Drive cylinder diameter | 100/56 mm |
| Delivery manifold | Ø 150 mm |
| Hopper capacity | 300 l |
| Delivery distance* | 200 m |
| Delivery height* | 100 m |
| Filling height | 140 cm |
| Chassis | Manual drawbar - fixed axle and pneumatic wheels |
| | On-road towing - with brakes and suspension approved for road use |
| Size | 330 x 175 x 165 cm / 455 x 160 x 170 cm #1 |
| Weight (draw-bar) | 2.300 kg - 2.350 kg #2 |
| Weight (on road towing set up) | 2.400 kg - 2.450 kg kg #2 |

* 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. #1 with on road towing (/T) set up #2 with admixture dosing pump



Characteristics

TB 30 is the new stationary concrete pump with S-valve and variable output designed for concrete and for shotcrete works.

State of the art hydraulic system, solid structure, brand new components setup, reliable controls ensure high level performance with all sort of concrete and low operating costs.

Applications

- Pumping up to 35 mm of concrete
- Grouts
- Self-levelling floor screeds
- Land reinforcement
- Micro-piles, pressurized injection of mortars and slurries
- Compaction grouting
- Shotcrete works

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, oil and diesel tanks.
- Central single lifting eye.
- Discharge door hydraulically operated for fast cleaning operations.
- Components generously dimensioned.
- Fully hydraulic controls.
- New internal setup concept.
- Compact design.
- New hopper-valve-agitator design ideal even for harsh concrete.

Scope of delivery

- 3-cylinder air cooled diesel engine
- Hopper assembly with S-valve and mixer
- Concrete grill with vibrator
- Centralized lubrication system
- Outlet collector Ø150mm with Victaulic couplings
- Hydraulic discharge door
- 2 manual front stabilizers
- Safety horn
- Hydraulic circuit with optimized exchange sequence
- Electromechanical control board
- Bosch Rexroth variable displacement pump
- Lifting eye
- Outlet collector with quick coupling
- Steel bend at 90° Ø 150 and reduction cone from Ø 150 to Ø 125
- 30 m remote control
- Towbar
- 2 washing sponges
- Manual grease pump
- Accessory box

Optionals

- Elastic axle for road towing with brakes and towlights (version /T)
- Synchronized admixture dosing pump
- Water pump 40l/m - 20 bar
- 3-function radio remote control
- Grill with 15 mm mesh for shotcrete
- Shotcrete guns
- Various dimensions hoses Ø 125, 100, 75, 65, 50 and related accessories



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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.

