TURBOSOL®

PUMPING TECHNOLOGY FOR THE CONCRETE INDUSTRY

TURBOSOL over 60 years of experience and reliability

TB 30C

S-VALVE PUMP



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

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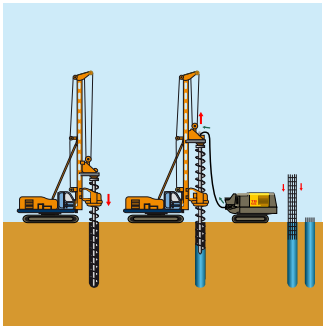
TB 30C

TECHNICAL DATA

Liquid cooled diesel engine	Yanmar - 4TNV88C-DYI2D - 4 cyl. - 35,5 kW - 48,3 HP (EU Stage V)	
	Yanmar 4TNV88 - 4 cyl - 36,4 kW - 49,5 HP (Stage III A)	
Infinitely adjustable output (max)*	piston side 30 m³/h	rod side 40 m³/h
Max. aggregate size	35 mm	
Max. working pressure	piston side 80 bar	rod side 55 bar
Pumping cylinders	Ø 200 mm stroke of 570 mm	
Max. strokes	28	37
Drive cylinder diameter	100/56 mm	
Delivery manifold	Ø 150 mm	
Hopper capacity	300 l	
Delivery distance*	200 m	160 m
Delivery height*	100 m	60 m
Filling height	146 cm	
Chassis	rubber track crawler carrier	
Size (L x W x H)	263X150X192 cm	
Weight	2.650 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 30C is the new crawler concrete pump with S-valve and variable output designed for filling bored piles and special concrete jobs.
State of the art hydraulic system, solid structure, new ergonomic components setup, reliable controls ensure high level performance with all sort of concrete and low operating costs.

Applications

- Bored piles casting
- 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.
- Tubolar 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 layout concept.
- Compact design.
- New hopper-valve-agitator design ideal even for harsh concrete.
- Remote control for pump and crawler.
- Optical and acustic warning device.

Scope of delivery

- 4-cylinder liquid cooled diesel engine
- 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
- Rubber tracks
- Hydraulic circuit with optimized exchange sequence
- Electromechanical control board
- Bosch Rexroth variable displacement pump
- Lifting eye
- Steel bend at 90° ø 150 and reduction cone from ø 150 to ø 125
- Radio remote control
- Water pump 40 l/m' - 20 bar
- 2 washing sponges
- Manual grease pump
- Accessory box

Optionals:

- 3-function radio remote control
- Shotcrete guns
- 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
- Admixture dosing pump screw type

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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.r.l. could make alterations to the models described in this brochure at any time for technical and commercial reasons.

QUALITY SYSTEM CERTIFICATION DNV ISO 9001