TB 40
S-VALVE PUMP

TB 40: cutting edge technology, new compact design for best performance in the toughest jobsites.
TB 40

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air cooled diesel engine</td>
<td>Perkins 404F - E22TA - 4 cyl. - 45 kW - 61 HP (Stage III B) (Stage V READY)</td>
</tr>
<tr>
<td>Infinitely adjustable output*</td>
<td>from 4 to 40 m³/h</td>
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<tr>
<td>Max. aggregate size</td>
<td>35 mm</td>
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<tr>
<td>Max. working pressure</td>
<td>56 bar</td>
</tr>
<tr>
<td>Pumping cylinders</td>
<td>Ø 200 mm stroke of 570 mm</td>
</tr>
<tr>
<td>Max. strokes</td>
<td>35/min</td>
</tr>
<tr>
<td>Drive cylinder diameter</td>
<td>100/56 mm</td>
</tr>
<tr>
<td>Delivery manifold</td>
<td>Ø 150 mm</td>
</tr>
<tr>
<td>Hopper capacity</td>
<td>300 l</td>
</tr>
<tr>
<td>Delivery distance*</td>
<td>200 m</td>
</tr>
<tr>
<td>Delivery height*</td>
<td>100 m</td>
</tr>
<tr>
<td>Filling height*</td>
<td>135 cm</td>
</tr>
<tr>
<td>Chassis</td>
<td>Manual draw-bar - fixed axle and pneumatic wheels</td>
</tr>
<tr>
<td>Size (L x W x H)</td>
<td>330 x 175 x 165 cm / 440 x 185 x 190 cm **</td>
</tr>
<tr>
<td>Weight (draw-bar)</td>
<td>2,300 kg</td>
</tr>
<tr>
<td>Weight (on road towing set-up)</td>
<td>2,500 kg</td>
</tr>
</tbody>
</table>

* The data indicate 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. ** with on road towing (/T) set-up

**Characteristics**

TB 40 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 set-up, 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.
- 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 setup concept.
- Compact design.
- New hopper-valve-agitator design ideal even for harsh concrete.

**Scope of delivery**

- 4-cylinder water cooled turbodiesel 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
- 2 manual front stabilizers
- Safety horn
- 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
- 30 m cable remote control
- Towbar
- 2 washing sponges
- Manual grease pump
- Accessory box

**Optionals**

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