



TURBOSOL[®]

PUMPING TECHNOLOGY FOR THE BUILDING INDUSTRY

TURBOSOL
over 60 years
of experience
and reliability

PRO H BMS

WORM PUMP



PRO H BMS: the ideal solution for mixing, pumping and spraying any volume of material.

www.turbosol.it

PRO H BMS

TECHNICAL DATA

Liquid cooled diesel engine	KDW 1404 Kohler – 18,8 kW - Stage V	
Worm pump type	L8.2	2L7
Infinitely adjustable output*	0 ÷ 150 l/m* - 0 ÷ 300 l/m**	0 ÷ 25 l/m* - 0 ÷ 50 l/m**
Max. aggregate size	16 ÷ 18 mm	8 mm
Max. working pressure	20 bar	30 bar
Compressor	400 l	
Hopper capacity	200 l	
Hydraulic lifting mixer capacity	200 l	
Delivery distance *	100 m	140 m
Delivery height *	60 m	80 m
Loading height	86 cm	86 cm
Chassis	elastic axle with draw bar	
Size (L x P x H)	321 (372#) x 176 (134#) x 120 (153#) cm	
Weight	870 kg	870 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 can not be reached simultaneously.

*Low speed - ** High speed - #In towing position



Characteristics

Thanks to the dual speed hydraulic motor and the two types interchangeable pumps, PRO H BMS is able to mix, pump and spray different materials at great height and distance.

Two unique set-ups to match any tough job on site.

Applications

- Structural mortars and cementitious slurries
- Self-levelling screeds, grouts and concrete
- Injection of pressure micropiles
- Shotcreting, plastering, refractory mortars and fiber-reinforced mortars

Technical comfort

- With a max. aggregate size of 16-18 mm, PRO H BMS is able to deliver up to 18 cubic meters of material per hour
- Two infinitely variable speeds, two pump groups, an incorporated compressor and a large mixer for make PRO H BMS total independent and suitable for any site application
- It's equipped with the special Hydrotronic hydraulic circuit with variable displacement pump that allows to saving up to 1 liter of fuel per hour
- Safety devices: emergency button, diesel engine protection sensors, automatic stop when lifting canopy, hopper and mixer grid

Scope of delivery

- Variable displacement hydraulic pump
- Dual speed hydraulic motor (HSLT/LSHT)
- Start/stop pneumatic control
- Combined exchanger for diesel engine and hydraulic circuit
- Electromechanical control board
- L8.2 or 2L7 pump
- Compressor
- 200 l up-righting mixer
- 25 l capacity fuel tank
- 18 l capacity hydraulic oil tank
- Elastic axle with draw bar
- Lifting eye
- Reduction cone
- Remote control with cable
- Accessory box

Pumping kit

- 30 m rubber hose Ø 75 with Victaulic couplings

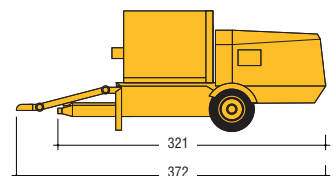
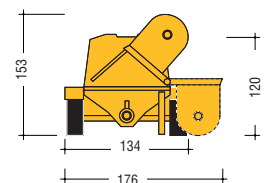
Shotcrete kit

- 30 m rubber hose Ø 50 with Victaulic couplings

Optionals

- High-pressure water pump with hose, gun and nozzles

SIZE (cm)



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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 - 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.

