



POLITERM MACHINE[®]

1000 H20

MIXING AND PUMPING MACHINE
FOR LIGHTWEIGHT BEPS CONCRETE

POLITERM[®] MACHINE 1000 H20

Mixing and pumping machine for lightweight Bound EPS (BEPS) concrete

TYPE OF EQUIPMENT	Equipment completely in stainless steel for the preparation (mixing) and pumping of lightweight mortar composed of aggregates like virgin expanded polystyrene beads, regenerated expanded polystyrene beads, perlite, vermiculite, and cork, also when mixed with foam made with appropriate equipment. The equipment is supplied with "Installation, Use and Maintenance Manual" and "CE Conformity Declaration" as the current legislation.																										
EQUIPMENT	<ul style="list-style-type: none"> • Water tank 1.000lt • Digital water dosage device with direct connection to the tank. 																										
TECHNICAL CHARACTERISTICS	<table border="1"> <thead> <tr> <th colspan="2">MIXING MACHINE SECTION</th> </tr> </thead> <tbody> <tr> <td>Mixing tank</td> <td>1.000 lt</td> </tr> <tr> <td>Power supply</td> <td>3,0Kw - 400V - 50Hz</td> </tr> <tr> <td>Mixing blades</td> <td>Double cross flow</td> </tr> <tr> <th colspan="2">PUMP SECTION</th> </tr> <tr> <td>Power supply</td> <td>5,5kW – 400V – 50Hz</td> </tr> <tr> <td>Transmission</td> <td>Clutch belt transmission</td> </tr> <tr> <td>Pump capacity</td> <td>500 lt water/min</td> </tr> <tr> <td>Maximum length of the pipe</td> <td>100 m</td> </tr> <tr> <td>Maximum pumping height</td> <td>30 m</td> </tr> <tr> <th colspan="2">GENERAL</th> </tr> <tr> <td>Weight</td> <td>700 Kg</td> </tr> <tr> <td>Dimensions</td> <td>210 x 130 cm – load geight 100 cm</td> </tr> </tbody> </table>	MIXING MACHINE SECTION		Mixing tank	1.000 lt	Power supply	3,0Kw - 400V - 50Hz	Mixing blades	Double cross flow	PUMP SECTION		Power supply	5,5kW – 400V – 50Hz	Transmission	Clutch belt transmission	Pump capacity	500 lt water/min	Maximum length of the pipe	100 m	Maximum pumping height	30 m	GENERAL		Weight	700 Kg	Dimensions	210 x 130 cm – load geight 100 cm
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HANDLING EQUIPMENT	<ul style="list-style-type: none"> • Eyes bolt for crane cables • Openings for forklift 																										
STANDARD EQUIPMENT	<ul style="list-style-type: none"> • N° 2 reinforced pipes (tot. 20 m) connections included. • N° 2 light plastics pipes (tot. 20 m) connections included. • 25 m water pipes. • 25 m of electrical cable with 3 phases hold + earthing 32 A. • N° 1 pump remote-control in parallel. • N° 2 straightedge for the laying on the surface of the pumped mortar 																										
CUSTOMISED VERSIONS	Available on demand																										
WARNINGS	In case of use with power generator contact Tekto Hellas s.a.																										

All the indications provided in this technical data sheet are purely approximate and are not binding for legal purposes. The data listed herein have been gathered from laboratory tests meaning that in practical applications on building sites the final characteristics of the product may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check the suitability of the product for its specific use, undertaking all liability implicit in and deriving from the use of the product, as well as comply with all methods and instructions for use generally referred to as "workmanlike" execution. TEKTO HELLAS S.A. reserves the right to change the contents of this technical data sheet on its final judgement without any notification. The distribution of this data sheet supersedes and cancels the validity of any other data sheet published previously.

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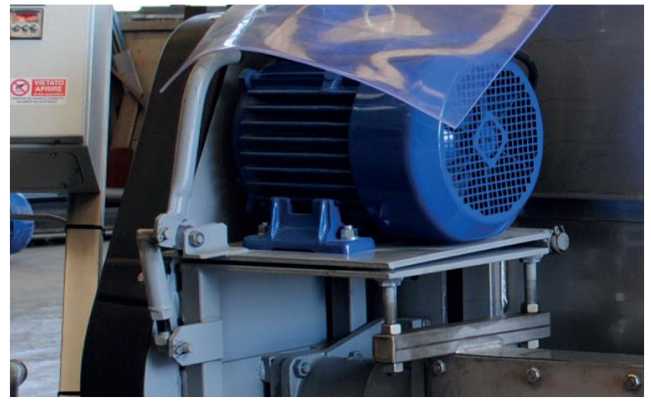
Production

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1. Double cross flow



2. Transmission pump with clutch belt

OPTIONAL ACCESSORIES

Other spare parts are available on demand.

RIGID HIGH RESISTANT METAL PIPE

Metal pipes for the pumping of lightweight mortars with Politerm Machine. They improve the mortar flow and reduces the pipe explosion during the work. Necessary for heights over 10 m. Pipes of 3 m with flanges and fixing rings.



METAL ELBOW FOR PIPES

Available with 45° and 90° curve.



EXTRACTOR FOR STATOR

Accessory available on demand.



POLITERM MACHINE SCREW

Motor screw for cement loading

