



# POLITERM MACHINE<sup>®</sup>

## 1000 ECO

MIXING AND PUMPING MACHINE  
FOR BEPS LIGHTWEIGHT CONCRETE

### POLITERM<sup>®</sup> MACHINE 1000 ECO

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

<b>TYPE OF EQUIPMENT</b>	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.	
<b>TECHNICAL CHARACTERISTICS</b>	<b>MIXING MACHINE SECTION</b>	
	Mixing tank	1.000 lt
	Power supply	3,0Kw - 400V - 50Hz
	Mixing blades	Double cross flow
	<b>PUMP SECTION</b>	
	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
	<b>GENERAL</b>	
	Weight	550 Kg
Dimensions	210 x 130 cm – load height 100 cm	
<b>HANDLING DEVICES</b>	<ul style="list-style-type: none"> <li>• Eyes bolt for crane cables</li> <li>• Openings for forklift</li> </ul>	
<b>STANDARD EQUIPMENT</b>	<ul style="list-style-type: none"> <li>• N° 2 reinforced pipes (tot. 20 m) connections included.</li> <li>• N° 2 light plastics pipes (tot. 20 m) connections included.</li> <li>• 25 m of electrical cable with 3 phases hold + earthing 32 A.</li> <li>• N° 1 additional water tank (capacity 300 L) with tap.</li> <li>• N° 1 pump remote-control in parallel.</li> <li>• N° 2 straightedge for the laying on the surface of the pumped mortar</li> </ul>	
<b>CUSTOMISED VERSIONS</b>	Available on demand.	
<b>WARNINGS</b>	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.



**ARCHITEKTONIDIS MONOTIKA S.A. "TEKTO HELLAS S.A"**

**Production – Distribution – Application of building insulation materials**

**Headquarters**

10 Zakka str Neapoli, Thessaloniki,  
Greece Tel: +302310511871  
email: tekto@tekto.gr

**Branch office**

1-3 Zakka str Neapoi, Thessaloniki,  
Greece Tel: +302310511871  
email: tekto@tekto.gr

**Production**

10Km Thessalonikis-Neochoroudas,  
Greece Tel: +302310782007  
email: tekto@tekto.gr

