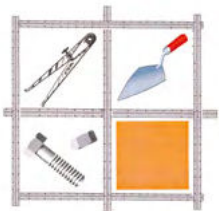


PLM-E

Electrically driven batch mixing pump, designed for producing and conveying cellular concrete and lightweight mortars based on light aggregates. The cellular concrete is produced in combination with a foam generator



**EASY TO USE,
RELIABLE,
UNBREAKABLE!**



K.G. Bontira s.r.l.

INNOVAZIONE TECNOLOGICA AL SERVIZIO DEL POSATORE
DI MASSETTI TRADIZIONALI, ALLEGGERITI E AUTOLIVELLANTI



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CHARACTERISTICS

The mixing pump PLM-E allows the easy and effective production and pumping of cement mixes with lightweight aggregates (polystyrene beads, vermiculite, perlite) and with foam, for getting cellular concrete. PLM-E consists of a monoblock, entirely in stainless steel, which groups the 1000 litres mixing trough with double helical ribbon shaft and the progressive cavity pump with its electric motor and the belt clutch.

The foam generator doses automatically the additive for the production of the foam with air and conveys the water into the mixer. Water and foam are added automatically in the mixer, according the pre-set parameters. The foam generator stops once the set values are reached.



TECHNICAL DATA

MONOBLOCK

Length	2.100 mm
Width	1.260 mm
Height	960 mm
Weight	400 kg
Mixer volume	1.000 l
Pump capacity	520 l/min
Conveying pressure	Up to 40 bar
Conveying distance	150 m
Conveying height	50 m
Power supply	400 V 60Hz 3ph

FOAM GENERATOR

Length	1.100 mm
Width	700 mm
Height	1.140 mm
Weight	200 kg
Air compressor	670 l/min 10 bar
Water pump	180 l/min
Additive pump	30 l/min



MAIN COMPONENTS AND SCOPE OF SUPPLY

- Stainless steel mixing trough with double helicon mixing shaft
- Progressive cavity pump with belt clutch
- Foam generator with air compressor, water pump, additive pump and foam lance
- Control panel with control switches and programmable timer, for the management of the water and foam
- Batch counter and hour counter
- 1000 litres plastic water tank
- PU spiral conveying hoses DN60, 60 meters with couplings
- Water hose with geka coupling, 20 m
- 1 placer float