

Foam concrete machine BAS500



Description

The high-performance foam concrete machine BAS500 is designed to prepare a uniform foam concrete mass by mechanically whipping the cement-sand mix and foam followed by pneumatic unloading along the concrete pipe to the place of use.

BAS500 effectively mixes the concrete mass, doing intensive air entrainment and even distribution of all components to obtain a homogeneous mixture. BAS500 generate excess internal pressure by external air compressor (available separately) and feeding the lightweight concrete mix to the unloading area by means of compressed air.

This is a mobile machine for the foam concrete manufacturing, which should be paid attention to both private developers and construction companies. BAS500 behaves to the class of powerful mobile machines for the lightweight concretes manufacturing. It is characterized by high volume and high power in its class. BAS500 used for building monolithic walls, floors, roofs, and for construction voids filling. BAS500 using for foam concrete or polystyrene concrete blocks and constructions manufacturing of various sizes, density and purpose.

Features

BAS500 does not require a foam generator.

Foam concrete machine BAS500 can be used both for stationary manufacturing and as mobile. It is an indispensable machine in the building of cottages, homes, garages, special facilities e t.c..

The BAS500, at its widest point, is 1200mm wide. Small size and the presence of the wheel set allow free movement it in already constructed buildings (for the foam concrete cap constructing e t.c.).

Light weight and dimensions allow it to be transported in a trailer of a car like pick-up, which minimizes transportation costs.

The machinery has been designed taking into account the construction site requirements, with particular attention to small dimensions, simple use, easy cleaning and maintenance. This foam concrete machine is made in such a way that there is practically nothing to break. The only consumable item in it is the graphite lubricant, which is sold in any technical store. Low cost of this machine allows to reduce business risk of its uses to a minimum.

Technical Data

Weight	350 Kg
Dimensions (L × W × H)	1600 × 1200 × 1500 mm
Loading height	900 mm
Volume usable	0.5 m ³
Mixing system pressure	0.6 kg / cm ²
Theoretic output (foam concrete)	5 m ³ / h
Theoretic output (polystyrene concrete)	5 m ³ / h
Density of the produced foam concrete	200 - 900 kg / m ³
Transport distance (horizontal)	20 m
Transport distance (vertical)	6 m
Power	7.5 kW, 400 V

Performance

Volume of one batch/operation	0.5 m ³
Duration of one batch/operation	6 min.
Performance per hour	5 m ³
Performance per shift work	40 m ³
Performance in 2 shift works	80 m ³
Performance per day	120 m ³

Fields of Application

Mobile use. Construction site. Foam concrete plant.

Additional components needed

Air compressor - capacity 500 l/min, tank 100 l.