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EQUIPMENT FOR LIGHTWEIGHT CONCRETE PRODUCTION

Mixer for the production of lightweight concrete BAS200



Overview

BAS200 is universal and allows to receive foam concrete, polystyrene concrete and other materials on the basis of a concrete mix. Mixer promote active mixing of concrete mass, intensive air entrainment and even distribution of all its components to obtain a homogeneous mixture, allows to create excess internal pressure with the help of a air compressor with a capacity of 250 liters / min with a receiver of 30 liters (available separately) and feeding the mixture to place of installation by means of compressed air.

BAS200 belongs to mobile stations for manufacturing and supplying foam concrete, foam-polystyrene concrete and foam concrete mixes, for use directly on construction sites. Can work both permanently and mobile. To date, BAS200 is an indispensable thing in the construction of cottages, holiday homes, garages. It can also be used for the production of CLC blocks and foam concrete with a density of 200 to 900 kg / m³.

Density and properties of foam concrete depend on the selected formulation. BAS200 designed for pouring walls, floors, roofs. Filling of prepared building voids. Manufacturing blocks of foam concrete (CLC blocks) and polystyrene concrete of various sizes, density and purpose.

Features

For the production of lightweight concrete the equipment BAS200 does not require a foam generator.

The peculiarity of the equipment for the production of foam concrete BAS200 is that it is produced not only for power supply from the 380-volt network but also from the 220-volt network. This makes it possible to work in any remote locations that are not equipped with industrial power networks. The maximum width BAS200 is 800 mm. Such a small size and the presence of the wheel set allow free movement in already constructed buildings (for the production of screeds and other works).

Light weight and dimensions allow it to be transported in a trailer of a car, which minimizes transportation costs. Equipment for the production of foam concrete BAS200 is made in such a way that there is practically nothing to break. Low cost of installation allows to reduce commercial risk of its operation to a minimum.

Specifications

Weight	180 Kg
Outer dimension (L*W*H)	1100 x 800 x 1300 mm
Loading height	800 mm
Mixing volume per time	0.2 m ³
Mixing system pressure	0.6 kg / cm ²
Theoretic output (foam concrete)	1.5 m ³ / h
Theoretic output (polystyrene concrete)	2.5 m ³ / h
Density of the produced foam concrete	200 - 900 kg / m ³
Theoretic delivery distance	20 m
Theoretic delivery height	3 m
Rated voltage	220 v or 380 v
Mixing motor power	2.2 kW

Performance

Volume of one batch/operation	0,2 m ³
Duration of one batch/operation	5 min.
Performance per hour	2,4 m ³
Performance per shift work	19,2 m ³
Performance in 2 shift works	38,4 m ³
Performance per day	57,6 m ³