

Mineral Foam System



V.E.P. BAUMASCHINEN GMBH

Fedor-Schnorr-Straße 23
08523 Plauen
GERMANY

info@vep-baumaschinen.de
www.v-e-p.net

Everything at a glance!

The mineral foam plants enable the production of lightweight concrete. They correspond to the latest state of knowledge and are manufactured according to the generally valid manufacturing standards as well as the EC directives.

Functionality:

The aggregates are premixed in the mixing tank - water, cement, sand, fly ash, polystyrene, and many others. Foam is then added via the integrated foam generator. After a short mixing time, the finished mineral foam is pumped to the processing site via an eccentric screw pump.

Technical data

Conveying pump:	Planetary gear motor 230/ 400 V/ 50 Hz/ 5,5 kW/ 320 rpm
Mixer:	Geared motor 230/ 400 V/ 50 Hz/ 3kW/ 70,5 rpm
Water pump:	230/ 400 V/ 50 Hz/ 0,55 kW
Foam concentrate pump:	230/ 400 V/ 50 Hz/ 1,1 kW
Compressor:	230/ 400 V/ 50 Hz/ 2,2 kW
Utilization volume:	1000 l
Capacity:	4-8 m ³
Foam output:	250-700 l/min
Foam desity:	20-80 g/l
Transport distance:	horizontal: 60-100 m vertikal: 20-40 m
Power:	18 kW

Weight

Machine complete without accessories: approx. 850 kg

Dimensions

Length:	1930 mm
Width:	1480 mm
Hight:	1070 mm

more informations

The conveying capacity can be changed by using different eccentric screw pumps. Furthermore, the materials to be conveyed or the material densities or consistencies have a great influence on the conveying distance and the conveying capacity.

The standard version of the mineral foam plant is already able to process most of the mixing recipes.

In individual cases, special equipment is required. Please contact us and we will be pleased to offer you the appropriate additional equipment such as remote switches, cement screw conveyors, sand screw conveyors, frames with weighing cells, automatic feeders and much more.



standard



semi - automatic



full - automatic