

Isopump S

PUMPING UNIT FOR THE TRANSPORT OF FOAM CONCRETE

Lightweight foam concrete is normally made from mixing a stable foam to cement, sand & water. This action incorporates small-enclosed air bubbles within the mortar thereby making it lighter and possessing special properties such as low thermal conductivity and high fire resistance. Its density ranges from as low as 300kg/m³ to as high as 1600kg/m³ therefore allowing it to be used in a variety of applications such as pre-cast wall blocks and panels, floor & roof screeds, trench reinstatement, road foundations and void filling.



The **Isopump S** pump is a machine that transport the foam concrete's final mixture of **Isolite**, water, cement, sand and air.

Isopump S is lightweight, transportable and may be used on-site or adapted to existing concrete production plants. Its size, output, and mobility are also well suited for small to medium scale production and laboratory work on foam concrete.

Several control devices on **Isopump S** enable the adjustment of foam properties and allow it to work with different foaming agents (e.g. synthetic or protein).

Performance Data of Isopump S

Speed: (R.P.M.)	: 400 approx.
Capacity (water @ 20° C)	: max. 19 m ³ /h.
Outlet pressure (bar)	: max. 12 Bars i.e. 120 meters vertically.
Assembly	: on trolley with hand clutch.
Electrical equipment details	: V belt transmission.
Electric motor data	: HP 15 - 380V - 3 Ph - 50 HZ