

PRODUCT DATA SHEET

PRODUCT NAME

ISOPUMP-S

MANUFACTURER

Société Raymond Barakeh SAL.
Bauchrieh, Industrial City, Sector 7, 165 – Street 2-14
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DESCRIPTION

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** 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).

PHYSICAL CHARACTERISTICS

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

The information and data given is to the best of our knowledge reliable, but is given without obligation.

Installation, Operation, Maintenance and Safety Instructions

UNIT TO BE USED IN STRICT ACCORDANCE WITH RAY PUMP INSTALLATION OPERATION MAINTENANCE & SAFETY INSTRUCTIONS

TECHNICAL SERVICE

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

HEALTH & SAFETY

For further information see the **Raypump 3620CI/CS Installation, Operation, Maintenance and Safety Instructions** or consult Société Raymond Barakeh SAL.

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DUTY CONDITIONS

Pumps should only be installed on duties for which SOCIETE RAYMOND BARAKEH SAL have specified the materials of construction, flow rates, pressure, temperature, speeds, etc. Where dangerous materials are to be pumped, consideration must be given to the safe discharge from the relief valve.

IF THE DUTY SHOULD BE CHANGED, SOCIETE RAYMOND BARAKEH SAL SHOULD BE CONTACTED AND THEIR RECOMMENDATIONS SOUGHT IN THE INTERESTS OF APPLICATION, SAFETY OF PLANT, EFFICIENCY AND PUMP LIFE.

PRODUCT WARNING

Société Raymond Barakeh SAL has no control over the use or storage of this product and therefore does not accept any liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesmen and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacturer's tolerance. This manufacturer has no control over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to the effects of such use. The manufacturer's obligations shall be limited to replacing product proving to be defective.

NEVER RUN THE PUMP AGAINST A CLOSED INLET OR OUTLET VALVE.

NEVER RUN THE PUMP IN A DRY CONDITION EVEN FOR A FEW REVOLUTIONS OR THE STATOR WILL BE DAMAGED IMMEDIATELY. CONTINUAL DRY RUNNING COULD PRODUCE HARMFUL OR DAMAGING EFFECTS.

