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FLUID-BAG

PowerbagPress

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FLUID-BAG

www.fluid-bag.com

Fluid-Bag Ltd
Bottenviksvägen 54-56
FI-68600 Jakobstad, Finland
Tel. +358 20 779 0444
Fax +358 20 779 0445
solutions@fluid-bag.com

Product Information

Purpose

The FLUID-BAG PowerbagPress is designed to empty both 900 and 1000 litre Fluid-Bag “Multi” and “Flexi” flexible containers. The device is specifically developed for rational and complete discharge of extremely high-viscous and semi-solid contents.

The advanced automation is managed on an informative touch screen, mini-mizing the need for supervision.

The PowerbagPress is designed for incorporation into new and existing production and packing processes.

A Fluid-Bag is a closed container avoiding the need for air and possible ingress of airborne contaminants — combining this with a Powerbag- Press ensures safe and cost-effective handling of the content from production to final use.

Function

A torsional movement exceeding 100 kN in combination with the very high physical strength of the Fluid-Bag inner container makes discharge of extremely high-viscous and semi-solid contents possible, practical and efficient.

The PowerbagPress also cleans the inside of the container foil. Depending upon the type of content and product requirements it is also possible to integrate a pump in the discharging process.

Under normal circumstances, depending on the type of outlet and connections, material residue in the containers can be down to 0.5%.

Capacity

Fluid-Bag containers are available with 2”, 3” and 4” outlets. With the PowerbagPress extremely high viscous contents, even contents classified as solids, can be discharged at rates in excess of 50 kg/min. without any pump.

Compatibility

Inbuilt control systems make it possible to integrate the PowerbagPress with pump functions as well as production and packing processes. Two discharge units can be operated in parallel avoiding down time during container changeover.

Economy

Continuous, fully automated operation- limiting the need for supervision and minimizing product residue combine to give the user simple but cost effective product storage and handling.



The PowerbagPress rolls the bag around its cylinder, creating a strong pressure that forces the product out of the bag.



Even products like solid adhesive resins are easily discharged with a PowerbagPress.



Minimum residue left in a discharged container.

Technical Data

Depth.....	2100 mm
Width.....	2300 mm
Height.....	2900 mm
Weight, total.....	2350 kg
Air control pressure.....	6.0 bar
Electricity supply.....	3 x 25 A, 400 V

