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FLUID-BAG

Discharge Roller, Semi-automatic

Code No. 620023RR



The pump in the image is for reference only and is not included with the Discharge Roller.



FLUID-BAG

Liquid on the *move...*

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Product Information

Parts

The DISCHARGE ROLLER is designed to empty both 900 and 1000 litre Fluid-Bag "Multi" and "Flexi" flexible containers. Specifically developed for rapid and efficient discharge of high-viscosity liquids. Semi-automation minimizes the need for supervision.

The Discharge Roller is designed to be incorporated into new and existing production and packing processes. It is also well suitable as a central lubrication centre distributing grease.

A Fluid-Bag is a closed container, which avoids the need for air and prevents the possible ingress of airborne contaminants - combining this with a Discharge Roller ensures safe and cost effective handling of high-viscosity liquids from production to final use.

Function

Gravity discharge of viscous liquids is impractical. The Fluid-Bag Discharge Roller, combined with a suction pump, makes the discharge of viscous products practical and efficient.

The Discharge Roller stretches the container and cleans the inside of the container foil. The Discharge Roller must always be combined with a pump, it is the vacuum created by the pump that empties the container.

Depending upon the type of liquid, temperature and time taken to empty the container a layer of ~ 0.4 - 0.6 mm will remain on the inside surface of the foil - equal to 3.0 - 4.5 litres of liquid. Between 3.0 and 5.0 litres of liquid will remain around the top and bottom valve and in the outlet pipe depending on pipe

dimension. Under normal circumstances the total residue is 6.0 - 9.5 litres or about 0.6 - 0.9 %.

Capacity

Fluid-Bag containers are available with 2", 3" and 4" outlets. Optimum discharge rates are achieved by combining the correct outlet pipe and pump.

Two discharge units can be operated in parallel avoiding down time during container changeover.

Economy

Continuous, semi-automated operation and minimized product residue combine to give the user simple but cost-effective product storage and handling.

Technical Data

Depth, incl. pump support	1543 mm
Depth, excl. pump support	1300 mm
Width	1485 mm
Height, transport position	2360 mm
Height, working position	2460 mm
Weight	205 kg
Surface treatment	Powder coated
Roller material	Polyurethane
Air connection	Quick coupling R 1/4"
Operating pressure, min	6.5 bar
Air consumption, min	150 l/min

