

03/2018

FLUID-BAG

Discharge Roller, Automatic



Product Information

Purpose

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-viscous products. Advanced automation minimizes the need for supervision. The Discharge Roller 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 Discharge Roller ensures safe and cost-effective handling of high-viscosity liquids from production to final use.

Function

Gravity discharge of viscous products is impractical. The Fluid-Bag Discharge Roller combined with a suction pump

makes discharge of viscous products practical and efficient.

The Discharge Roller minimises the residual product left in the Fluid-Bag. Depending upon the type of liquid, temperature and time taken to empty the container, the residue will be approximately 1%.

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

Safety

The Discharge Roller is designed with safety in mind. A safety guard with interlocked doors prevents access to moving parts during operation. Transparent safety doors ensure high-visibility. User friendly and easy operation by touch display.

Compatibility

Inbuilt control systems make it possible to integrate the Discharge Roller with pump functions as well as production and packing processes. Internal and external bus-communication. Two discharge rollers can be operated in parallel avoiding down time during container changeover.

Easy customization of mechanic design and functions, customizable touch screen interface.

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.

Technical Data

Depth	1315 mm
Width	1579 mm
Height	2613 mm
Weight	ca 500 kg
Surface treatment	Powder coated
Operating pressure, min	6.5 bar
Air consumption, min	500 l/min
Supply requirements	400V ~ AC, 3 phase

