

# GOLD System Discharge Roller

## Product Information

### Purpose

The DISCHARGE ROLLER, in conjunction with an external pump, is designed to empty the 1800 lb Fluid-Bag “Flexi” flexible containers. Specifically developed for rational and efficient discharge of grease. Semi-automation minimizes the need for supervision.

The Discharge Roller is designed for incorporation into new and existing production and manufacturing processes. It is also suitable as a central lubrication center distributing grease.

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 ExxonMobil greases from production to final use.

### Function

The Fluid-Bag Discharge Roller, combined with a suction pump, makes discharge of grease practical and efficient.

The Discharge Roller cleans the inside of the container liner, which combined with the vacuum created by the pump empties the container.

Depending upon the type of grease, temperature, and time taken to empty the container, a layer of 1 to 2 inches will remain on the inside surface of the liner—equal to approximately 7 lbs of grease. Approximately 7 lbs of grease will remain around the top and bottom valve and in the outlet pipe depending on pipe dimension. Under normal circumstances the total residue is 11 to 19 lbs or about 0.6 – 0.9%.

### Capacity

Fluid-Bag containers are available with 3” 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 minimizing product residue combine to give the user simple but cost-effective product storage and handling.

## Technical Data

Depth.....	5.13 feet
Width.....	4.87 feet
Height.....	7.74 feet
Weight, total.....	407 lbs
Stretching capacity.....	105 lbs (at 3.0 bar of air pressure) 150 lbs (at 3.5 bar of air pressure) 220 lbs (at 4.0 bar of air pressure) 265 lbs (at 4.5 bar of air pressure) 298 lbs (at 5.0 bar of air pressure) 331 lbs (at 6.0 bar of air pressure)
Wire, stretching.....	.20 inches, 7x18 IVVS (Certex)
Material, rollers.....	Expanded metal mesh alternative polyurethane (RR)
Diameter, rollers.....	4.13 inches
Cylinder, stretching.....	AVS 41M-2P-080-A-850
Air motor, rollers.....	Atlas Copco LZB 33 AR004-11
Worm gear.....	Rossi RV40 U03A/32
Air pressure, min.....	6 bar (60 kPa)
Air pressure flow, min.....	500 l/min
Coupling, air pressure.....	Camozzi 5180-1/4

For assistance concerning the product information contained herein please contact your ExxonMobil Representative or,

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