



LYCO

LYCO
Manufacturing, Inc.

THE **EXPERTS** IN INNOVATIVE
FOOD PROCESSING MACHINERY

SEALED DRUM SEPARATOR



LYCO SEALED DRUM SEPARATOR

BEST ROTARY SCREENING SEPARATOR ON THE MARKET!

The Sealed Drum Separator features enclosed construction that contains odors, improves liquid recovery and aids in temperature control. Perfect for rendering operations, this system effectively applies heat to extract moisture and separate fat, producing superior crax to the press versus a perk pan, to create rich, granular meals for animal feed or other industrial use.

Rugged, precise designs are the hallmark of all Lyco screens. Each liquid-solid separation screen is built on 50 years of food machinery experience providing exceptional reliability. More than 700 Lyco Rotary Screens are in use today.



BENEFITS:

- Increases free juice recovery, compared to perforated screens
- Versatile cleaning options allow cleaning with air, water or steam
- Standard efficient wedge-wire screens blind less in multiple applications with solid removal down to 0.020 in.
- Reduces waste and increases product recovery

FEATURES:

- High-quality materials and components result in long life and continuous operation
- Enclosed construction contains odors, improves liquid recovery and aids in temperature control
- Unique two-way flip-top cover combined with multiple CIP systems means easy cleaning and maintenance



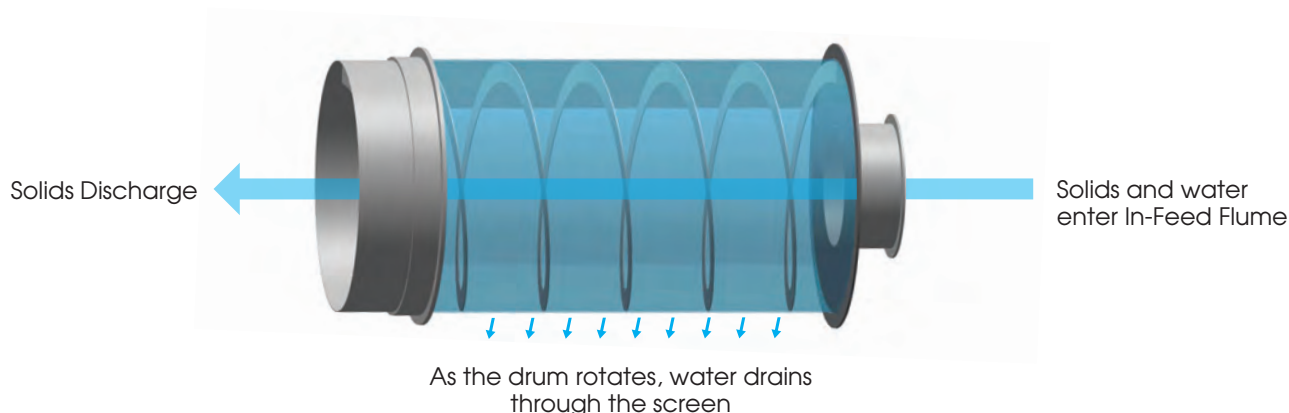
Clean with air, water, or steam

HOW IT WORKS

2-WAY FLIP TOP WITH MULTIPLE CIP SYSTEMS

The Sealed Drum Separator is designed for rendering and specialty applications such as making wine must. Effluent enters the sealed drum separator in a continuous flow, heat is then applied and product is processed with air, water or steam. Liquid passes through the screen as the drum rotates.

Our unique, two-way flip top combines with multiple clean-in-place (CIP) systems for easy cleaning and maintenance. Efficient wedge-wire screens blind less compared to perforated plates and offers solid removal down to 0.020 in.



SIZING SPECIFICATIONS:

Drum Slot Spacing*	Drum Size (Diameter x Length)	Rendering Applications (Pounds Per Hour)**	Wine Applications (Gallons Per Minutes)**
.020 in. Outer Drum 32 Mesh Equivalent 500 Micron Rating 0.050 mm	60 in. x 168 in. Long	N/A	1200 GPM
	60 in. x 126 in. Long	N/A	1000 GPM
	60 in. x 84 in. Long	N/A	800 GPM
*Can vary depending upon application **Processing amounts depend on the type of application and the diameter and length of the drum.	48 in. x 120 in. Long	35,000 - 45,000 PPH	700 GPM
	48 in. x 96 in. Long	25,000 - 35,000 PPH	600 GPM
	48 in. x 72 in. Long	15,000 - 25,000 PPH	500 GPM
	36 in. x 60 in. Long	10,000 - 15,000 PPH	250 GPM

APPLICATIONS:

Wine
Rendering
Many More

SUGGESTED APPLICATIONS



WINE

RENDERING

WASTEWATER



For more information visit: www.LycoMfg.com



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TRUST IN LYCO'S 50 YEARS OF EXPERIENCE

50 of the Top 100 North American food companies that feed the world trust and rely on Lyco Food Processing Machinery.

Our innovations in the Heating/Cooling and Liquid-Solid Separation machinery have made us a global leader and an expert in the food processing industry.

Our extensive equipment offerings include:

- Blanchers/Cookers/Coolers
- Wastewater/Liquid-Solid Separation
- Peelers/Washers/Scrubbers
- Green Bean Equipment
- After Market Services

For more information visit: www.LycoMfg.com

Lyco Manufacturing, Inc.
115 Commercial Drive, P.O. Box 31
Columbus, WI 53925

P: 920-623-4152

F: 920-623-3780

E: sales@lycomfg.com

www.LycoMfg.com

