



LYCO
Manufacturing, Inc.

THE *EXPERTS* IN INNOVATIVE
FOOD PROCESSING MACHINERY

**SANITARY ZERO
MAINTENANCE SCREEN**



SANITARY ZERO MAINTENANCE

THE MOST SANITARY ROTARY DRUM SCREEN IN NORTH AMERICA! ZERO MAINTENANCE ELIMINATES DAILY LUBRICATION OF BEARINGS.

Lyco Manufacturing has over 50 years of experience making machinery for the food industry. Our machinery design knowledge helps us make the most efficient and rugged solids/liquids separation screens in the food industry. We have sold more than 1,600 different screens around the world.



The 24 in. diameter x 60 in. long screen is the most sanitary and the lowest maintenance screen in the industry.

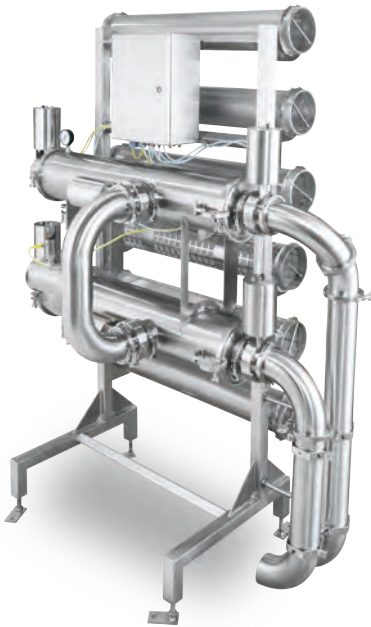
Units available in 15in. and 24 in. diameters and up to 72 in. long. Capacities range from 50-400 GPM.

FEATURES:

1. Covers expose 100%
2. Clean-in-Place System with Spray Balls
3. Thermoplastic Discharge Bearing
4. Side Opening Doors Expose Tank Inside
5. Sanitary Easy-to-Clean Tank
6. Standoffs eliminate hidden surfaces
7. Entry Fitting
8. Simple Reliable Drive

A TECHNOLOGICALLY ADVANCED FILTERING SYSTEM

LYCO ENHANCES THE SANITARY ZERO MAINTENANCE SCREENS WITH AN ADVANCED FILTERING SYSTEM THAT MAKES IT THE BEST WATER SCREENING AND WATER REUSE SYSTEM IN AMERICA



A DUAL CANISTER WATER FILTERING SYSTEM takes prescreened water at a rate of 50 to 400 GPM from other applications. The two canister filters remove more solids, making the water clean enough to be used a second time.

FEATURES:

- 2 - 6 in. (15.24 cm) active filters
- Wedgewire screen, round hole perforation, and wire mesh screen options
- .010 in. (.25 mm) to .030 in. (.76 mm) screen openings
- Rapid filter change options
- Auto pressure purge option
- Change plugged filters on the fly
- PLC controls optional
- Fully-automated system changes filters automatically



BENEFITS:

- Simple screen and unibody design for long-lasting, trouble-free unit
- Cleaner discharge
- Saves labor costs
- Thermoplastic main bearings eliminate lubricants
- Clean-in-Place systems stop blinding
- Reduces level of solids, fats, oils, BOD and TSS
- Lowers chemical usage in post water treatment
- Cuts industrial waste and creates a secondary revenue stream

SANITARY ZERO MAINTENANCE SIZING REFERENCE CHART:

SINGLE DRUM SCREEN Spacing is .020 in. / 32 Mesh	CYLINDER DIAMETER	GALLONS PER MINUTE	LITERS PER MINUTE
	15 in. x 60 in.	40 to 180	151 to 681
	24 in. x 60 in.	125 to 300	475 to 1,136
	24 in. x 72 in.	300 to 420	1,136 to 1,590

SUGGESTED APPLICATIONS



POULTRY

BEEF

WASTEWATER

For more information visit: www.LycosMfg.com



**THE EXPERTS IN INNOVATIVE
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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

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