



**LYCO**  
*Manufacturing, Inc.*

THE **EXPERTS** IN INNOVATIVE  
FOOD PROCESSING MACHINERY

**FAMILY OF SCREENS**



# EXTENSIVE PRODUCT EXPERIENCE WITH 1,600 SCREENS

## SINGLE DRUM SCREENS

Processors can gain significant savings with our Single Drum Wastewater Screen to help reduce wastewater and increase product recovery.

### BENEFITS:

- Proven as a rugged, low-maintenance design
- Self-cleaning wedgewire screens, traveling sprays and never-fail running rings
- Mechanically, the simplest "fine" screen on the market
- Lower wastewater handling costs



## .008 IN MICRO DRUM SCREEN

Reduce the amount of solids going into city waste and food plant systems. These screens are used after .020 in. wastewater screening and can remove 30% more solids and small particles as fine as sand.

### BENEFITS:

- Peace of mind from over 32 years of Lyco screens in use
- Mechanically, the simplest "fine" screen on the market
- Proven as a rugged, low maintenance design
- Lower wastewater handling costs
- Capable of recovering saleable materials



## SANITARY ZERO MAINTENANCE SCREEN

The most sanitary rotary drum screen in North America! Zero Maintenance eliminates daily lubrication of bearings.

### 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



### SUGGESTED APPLICATIONS



For more information visit: [www.LycoMfg.com](http://www.LycoMfg.com)





## THE LYCO SCREEN STORY

LYCO MANUFACTURING HAS MORE THAN 50 YEARS OF EXPERIENCE MANUFACTURING FOOD PROCESSING MACHINERY AND SCREENS.

Our focus has always been on innovation to make better, more rugged machine designs with fewer replacement parts. With over 1,600 installations, Lyco screens are widely used across North America.

### STATIONARY SCREENS

Developed in 1983 for simple dewatering and easy wastewater applications.

#### BENEFITS:

- Requires no utilities
- Zero maintenance
- Easy open options
- Easy to clean



### ROTARY DRUM SCREEN

Developed in the late 1980s to effectively handle larger items as well as particles as small as fine sand. Occasional plugged material is removed fairly easily.

#### BENEFITS:

- Capacities up to 3,000 GPM
- Long-lasting designs
- Easily handles over-feeding
- Low maintenance



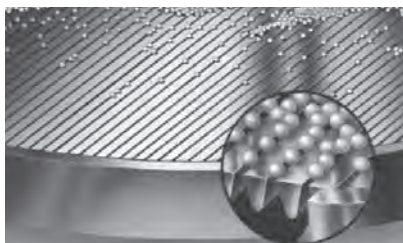
### DOUBLE DRUM SCREENS

Developed in the early 1990s, Double Drum Screens are capable of screening wastewater twice in one pass. The inner drum removes solids as small as .080 in. Separating this load from the smaller particles makes the outer .020 in. screen operate with increased efficiency.

Wedgewire Screens, Travelling Sprays, and Never-Fail Running Rings make these the most effective and reliable screens made.

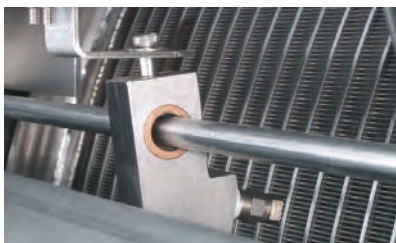


DOUBLE DRUM SCREEN ACTION



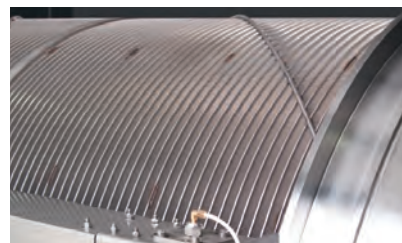
#### 1. WEDGEWIRE

The wedgewire triangular shape is very robust, making it less apt to plug than perforated materials.



#### 2. TRAVELING SPRAYS

Any screen can plug, but Lyco's wedgewire screens are easily unplugged with traveling sprays. These sprays use less than 10 GPM.



#### 3. NEVER-FAIL RINGS

Cast stainless steel running rings have never failed by themselves. There are 650 units in use since the 1990s.



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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](http://www.LycoMfg.com)

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