

**LYCO**  
*Manufacturing, Inc.*

THE **EXPERTS** IN INNOVATIVE  
FOOD PROCESSING MACHINERY

**SINGLE DRUM SCREEN**



**⚠ DANGER**  
WATCH  
YOUR  
FINGERS





## THE LYCO SCREEN STORY

Lyco Manufacturing has more than 50 years of industry-leading **experience** manufacturing screens and other food processing equipment. We have an outstanding reputation for our innovative, rugged machinery that is in use around the world.

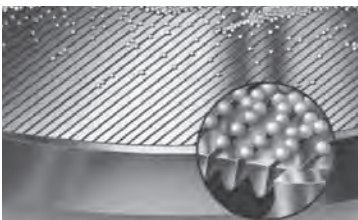
## LYCO'S SINGLE DRUM SCREEN

Our mission is to develop machinery that will help solve our customers problems.



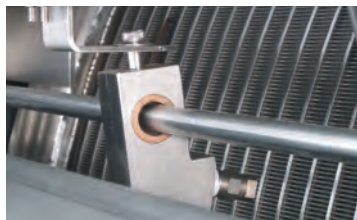
60 in. (1.52 m) x 126 in. (3.2 m) Lyco Single Drum Screen

## SOLUTIONS



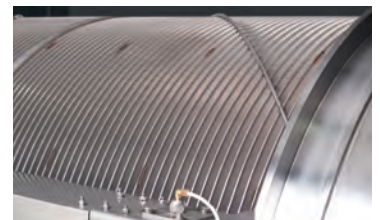
### RUGGED RELIABILITY

Triangular shaped wedge wire is far less apt to plug than sheets that are perforated.



### ELIMINATE BINDING

Lyco's patented traveling spray further reduces plugging and binding, and uses only 10 GPM.



### RINGS NEVER FAIL

Our unique, cast stainless steel rings won't fail like rolled and welded designs.

# SINGLE DRUM SCREEN SIZING

DRUM SLOT SPACING\*

.020 outer drum \*\* / 32 mesh equivalent / 500 micron rating / 0.50 mm

DRUM SIZE DIAMETER	DRUM SIZE LENGTH	AVERAGE GALLONS PER MINUTE	AVERAGE LITERS PER MINUTE*
60 in. (1.52 m)	168 in. (4.27 m)	2,250-3,000	8,505-11,340
60 in. (1.52 m)	126 in. (3.2 m)	1,500-2,250	5,670-8,505
60 in. (1.52 m)	84 in. (2.13 m)	1,000-1,500	3,780-5,670
48 in. (1.22 m)	144 in. (3.66 m)	1,000-1,800	3,780-6,815
48 in. (1.22 m)	120 in. (3.05 m)	1,000-1,500	3,780-5,670
48 in. (1.22 m)	96 in. (2.44 m)	1,000-1,200	3,780-4,542
48 in. (1.22 m)	72 in. (1.83 m)	500-1,000	1,890-3,780
36 in. (.91 m)	60 in. (1.52 m)	250-500	945-1,890
24 in. (.61 m)	48 in. (1.22 m)	150-250	567-945

\*Can vary according to individual application, \*\*.010 in. (60 mesh equivalent/250 micron/0.25 mm rating). Outer drum screen reduces capacity by approximately 50%.

## .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. waste water 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 waste water handling costs
- Capable of recovering saleable materials



CONSIDER LYCO'S LATEST DEVELOPMENT WHICH HAS AN .008 IN. SCREEN SPACING!



### SUGGESTED APPLICATIONS



PASTA    DRY BEANS    PROTEINS    VEGETABLES    RICE    POTATOES    MEAT PROCESSING    WASTEWATER



**Lyco Manufacturing, Inc.** offers a full line of world-class food processing equipment including:

- Peelers/Washers/Scrubbers
- Green Bean Equipment
- Wastewater/Process Screens
- Blanchers
- Cookers
- Pasteurizers
- Coolers



**THE EXPERTS IN INNOVATIVE  
FOOD PROCESSING MACHINERY**

Lyco Manufacturing, Inc. is a recognized world-leading manufacturer of commercial food processing machinery. With over 50 years of experience, we have developed some of the most innovative, state-of-the-art processing machines in the world. We work with vegetables, pasta, rice, poultry, and hot dogs. Founded in 1980 by owner and Chairman of the Board, David R. Zittel, Lyco Manufacturing is based in an 80,000 square foot facility located northeast of Madison, Wisconsin, USA.

**Lyco Manufacturing, Inc.**

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