



THE **EXPERTS** IN INNOVATIVE
FOOD PROCESSING MACHINERY

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 experts 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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LYCO
Manufacturing, Inc.

THE EXPERTS IN INNOVATIVE
FOOD PROCESSING MACHINERY

SINGLE DRUM SCREEN

LYCO'S SINGLE DRUM SCREEN

OUR MISSION IS TO DEVELOP MACHINERY THAT HELPS TO SOLVE OUR CUSTOMERS PROBLEMS.

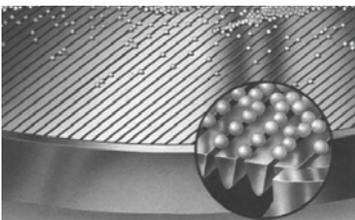
Lycos Manufacturing has more than 50 years of industry-leading experience manufacturing screens and other food processing equipment. We have an outstanding reputation for our innovative, rugged machinery, used by 50 of the top 100 food companies in North America.



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



SOLUTIONS



RUGGED RELIABILITY

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



ELIMINATE BINDING

Lycos'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

*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%.

NEW SMM(S)-SMART MACHINE MONITORING SYSTEM

- Newest technology called SMM(S) or Smart Machine Monitoring (System)
- This allows user's to monitor the trunnions and chain status for the Lyco single & double drum internally fed screens wastewater screens
- This system can detect failures even before they cause a downtime situation or catastrophic failure.
- This will save costly down time and help keep your Lyco screen running trouble free.



CHAIN SENSOR



TRUNNION SENSOR



LOCAL PANEL WITH LIGHTS

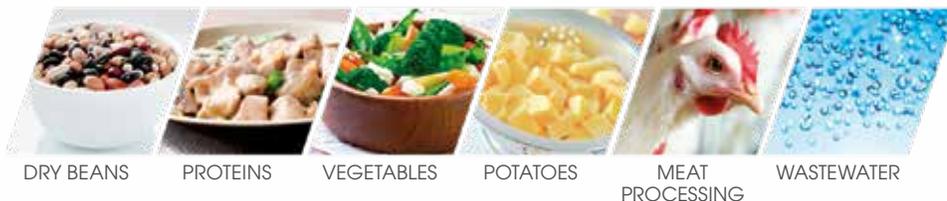
Located at each trunnion is a sensor. If the sensor is not detected or running, a light on the main panel will indicate which trunnion is not rotating. The chain also has a sensor, if the chain is not detected within normally operating condition, a light on the panel will indicate it's not tightened to the proper tension

Feather Screen Plant 1				
Chain Tension Ala...	Discharge Left Tr...	Discharge Right T...	Infeed Left Tran.	Infeed Right Tran.
false	70.0035	43.773254	27.614138	27.610325

Meat Screen Plant 1				
Chain Tension Ala...	Discharge Left Tr...	Discharge Right T...	Infeed Left Tran.	Infeed Right Tran.
false	74.617584	74.35866	29.092321	29.121971

As an option notifications can be sent via e-mail right to your phone when connected to the internet.

SUGGESTED APPLICATIONS



DRY BEANS

PROTEINS

VEGETABLES

POTATOES

MEAT PROCESSING

WASTEWATER