



**LYCO**  
*Manufacturing, Inc.*

THE **EXPERTS** IN INNOVATIVE  
FOOD PROCESSING MACHINERY

## **MICRO DRUM SCREEN**

ADVANCED LIQUID/SOLID SEPARATOR





## MICRO DRUM SCREEN

### ADVANCED LIQUID/SOLID SEPARATOR

Processors can gain significant savings with the Micro Drum Screen system by reducing industrial waste and increasing product recovery. The screen's revolutionary design combines the benefits of wedgewire and wire mesh construction to achieve improved performance of both. The result is an extremely precise, rigid and rugged cylinder.

#### ADDITIONAL FEATURES:

- Easy installation
- Unique drum design allows quick interchange of screen or mesh
- Efficient collection of fine particles
- Automated CIP

#### SUGGESTED APPLICATIONS



PROTEINS



VEGETABLES



POTATOES



MEAT  
PROCESSING



WASTEWATER



## BENEFITS & THINKING GREEN

- More solids removed increases lagoon life, or reduces the load on city sewage systems
- Running rings never fail by themselves
- Rugged construction greatly reduces maintenance

- Significant potential income generation from recovered product
- Significant savings on DAF chemical and municipal costs
- Savings of 30% or more on sludge removal and handling
- Establish sustainability leadership with your customers



## HOW IT WORKS

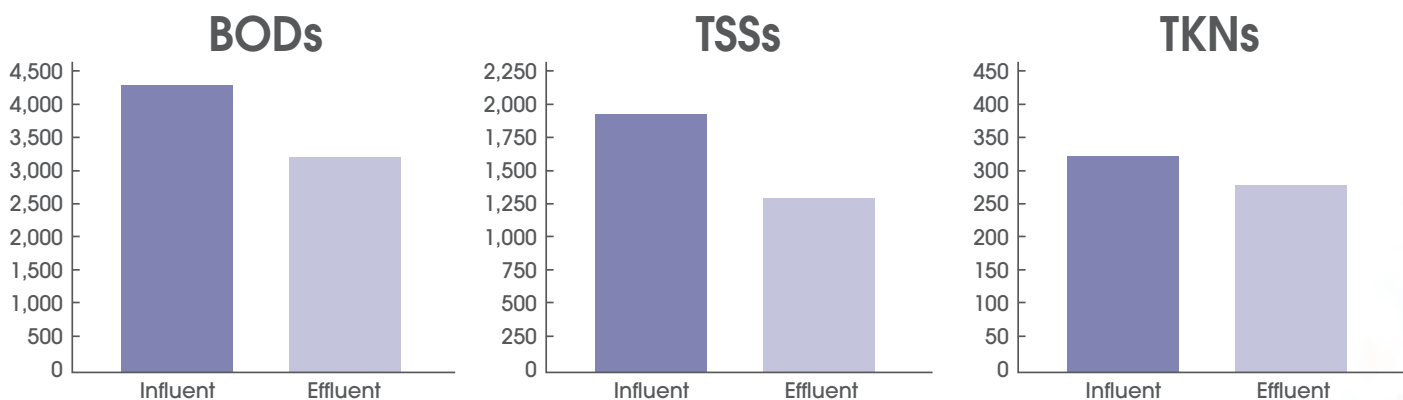
With its .005" to .008" mesh screen material, the Micro Drum Screen removes considerably more solids than standard screen designs. Specifically it lowers BOD\* (Biological Oxygen Demand), TSS\* (Total Suspended Solids) and TKN\* (Total Kjeldahl Nitrogen).

## SITE TESTING RESULTS

Actual results from customer site testing\*

	BODs	TSSs	TKNs
Influent	4,225	1,830	311
Effluent	3,194	1,290	265
Difference	1,031	540	46
% Improved	24.4%	29.51%	14.79%

\*As ROI is dependent on application variables, contact your Lycos representative for your customized analysis and solution.





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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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