



LYCO
Manufacturing, Inc.

THE *EXPERTS* IN INNOVATIVE
FOOD PROCESSING MACHINERY

POULTRY SCREENS

LOW MAINTENANCE





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Rugged, precise designs are the hallmark of all Lyco Poultry Screens. Each liquid-solid separation screen is built on 50 years of food machinery experience providing exceptional reliability. More than 700 Lyco Rotary Screens are in use today.

ADDITIONAL FEATURES:

- Require minimal maintenance
- No-fail Cast SS Running Rings
- Reduce downtime
- Traveling sprays available on most models
- Increase efficiency
- Reducing screen blinding maintains efficiency

SUGGESTED APPLICATIONS

- Primary Screening
- Secondary Screening
- Finer Screening
- Tertiary
- Evisceration
- Bird Washers
- Rinse Cabinets
- Feathers
- Paw Washers
- Chiller Water
- Raw Picker Scalders
- Rendering
- Gible & Gizzard Washers
- Deboning Machines
- Further Processing
- Offal



MICRO DRUM SCREEN

With .005 in. (.13 mm) to .008 in. (.20 mm) mesh screen material, this advanced liquid-solid separator removes considerably more solids than standard screen designs. Consequently reducing industrial waste, increasing product recovery, and specifically lowering BOD, TSS and TKN*.

*BOD (Biological Oxygen Demand), TSS (Total Suspended Solids), TKN (Total Kjeldahl Nitrogen)

BENEFITS:

- Simplest design made for .005 in. (.13 mm) to .008 in. (.20 mm) separation
- Significant potential income from recovered product
- Significant savings on DAF chemical and municipal costs
- Savings of 30% or more on sludge removal and handling
- Less than one-year payback



WATER REUSE SCREEN

The Lyco Water Reuse Screen is proven to save up to 15 million gallons of water per year. The .020 in. (.51 mm) and finer wastewater screen handles 75 to 800 gallons per minute.

BENEFITS:

- Significant water savings
- Multiple points of use
- Compact, sanitary, easy-to-clean design



DOUBLE/SINGLE DRUM SCREEN

The Double Drum Screen is supremely efficient in liquid-solid separation for poultry, establishing a reputation for successful and reliable use in the industry. Effluent enters a .080 in. (2.03 mm) inner drum during the first screening. The second screening at .020 in. (.51 mm) removes finer particles.

BENEFITS:

- Efficient, proprietary design
- Self-cleaning wedgewire screens
- Reduces levels of solids, fats, oil, BOD and TSS*
- Reduces chemical usage in post water treatment
- Reduces water usage with timed CIP Traveling Spray™

*BOD (Biological Oxygen Demand), TSS (Total Suspended Solids)



SEALED DRUM SEPARATOR

Used for rendering, effluent enters a rotating drum in the Sealed Drum Separator. Solids are screened down to .020 in. (.51 mm) as liquid drains through. Continuous internal flights propel solids along the screen to the discharge end.

BENEFITS:

- Lifetime warranty on running rings
- Sealed design contains odors
- Aids in temperature control
- Improves liquid recovery, resulting in more oil recovery
- Two-way flip top cover allows easy cleaning and maintenance



SANITARY ZERO MAINTENANCE SCREEN

The Sanitary Zero Maintenance Wastewater Process Screen is ideal for use in smaller volume applications. Typical screening applications down to .020 in. (.51 mm).

BENEFITS:

- Simple screen and unibody design for long-lasting, trouble-free unit
- Design eliminates trunnion wheels and bearings
- Cleaner discharge
- Saves labor costs
- Corrosion resistant drives
- Clean-in-place system stops blinding

For more information visit: www.LycoMfg.com



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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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