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- Peelers/Washers/Scrubbers
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- After Market Services

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POULTRY SCREENS

LOW MAINTENANCE
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
• Reduce downtime
• Increase efficiency

SUGGESTED APPLICATIONS
• Primary Screening
• Evisceration
• Paw Washers
• Giblet & Gizzard Washers
• Secondary Screening
• Bird Washers
• Chiller Water
• Deboning Machines
• Finer Screening
• Rinse Cabinets
• Raw Picker Scalders
• Further Processing
• Tertiary
• Feathers
• Rendering
• 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. (.203 mm) inner drum during the first screening. The second screening at .020 in. (.51 mm) removes finer particles.

BENEFITS:
• Efficient, proprietary design
• Self-cleaning wedge wire 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

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• Traveling sprays available on most models
• Reducing screen blinding maintains efficiency

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