1600 Continuous Rotary Steam Tube Drier

RENDERING DIVERSITY
ANCO-EAGLIN couples the best component fit for your material-processing needs with our ability and expertise. Whether it's beef or hog offal, blood drying, hair or feather hydrolyzing, packing house material, poultry offal or dead stock, ANCO® can handle them all, as it has for 90 years.

DEPENDABILITY
ANCO has been providing innovative and commonsense solutions to the reclamation industry for more than 90 years. The ANCO® model 1600 Rotary Steam Tube Dryer is designed specially to dry poultry feathers, blood and hog hair. When used in conjunction with traditional ANCO Batch Cookers and Continuous Hydrolyzers, customers will save in production time, steam demand and electrical consumption.

AUTOMATION
Combining electronic speed control of the Dryer infeed and discharge with temperature, pressure and load sensors optimum performance can be achieved. For higher levels of safety and automation the various monitoring points can be upgraded into a PLC system.

VAPOR CONDENSING
ANCO-EAGLIN can provide a variety of options for condensing the process vapors produced by the 1600 Drier. The choices include:
• Direct Contact Condenser
• Indirect Heat Recovery Condenser
• Fin Air Cooled

STANDARD FEATURES
• 125 PSIG pressure rating for the rotating tube bundle.
• Construction to ASME Code Section VII Division 1.
• Greater heat transfer surface area and surface area flexibility.
• Special diameter stainless steel steam tubes with increased spacing reduces clogging from unwanted debris.
• Heavy-duty cold rolled shaft attached to SKF bearings for support rotating tube bundle.
• Shell housing and sturdy product scooping plates fabricated from stainless steel.
• Shaft mounted gearbox designed expressly for high durability.

DESIGN
The model 1600 Dryer consists of multiple steam tubes arranged in a rotating tube bundle. The steam tubes are permanently attached to the rotating head and are permitted to expand and contract with temperature changes.

Steam is sent through a special rotating steam joint to a rotating head and then into the tubes. Heat is exchanged between the steam tubes and the wet product causing moisture to evaporate and the steam to condense. Condensate drains back through the tubes into special collection chambers in the rotating head and passes out through the rotating steam joint back to the steam boiler system.
Specifications:

1600 Continuous Rotary Steam Tube Drier

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<th>MODEL NO.</th>
<th>HEATING SURFACE</th>
<th>MOTOR</th>
<th>L</th>
<th>W</th>
<th>H</th>
<th>APPROX. SHIPPING WT.</th>
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Dimensions and weights are for reference only and may vary according to materials of construction and final design. Due to ongoing improvement, specifications are subject to change.