

# FOAM BREAKER



## FEATURES

- Breaks light foam
- Discharge densities from 0.5 to 0.9 pounds per gallon
- Volumetric capacity of 2,700 acfm air
- Designed to handle fiber carryover
- Integral fan powered by 40 hp motor
- Pillowbox bearing arrangement provides for long life
- Rugged construction reduces maintenance requirements

## BENEFITS

Lundberg's Foam Breaker or Skumslaker was originally developed for use in black liquor oxidation systems. Since that time it has been applied successfully in many other foam breaking services, including washer filtrate tanks and washer foam tanks.

Tall oil soap is a valuable by-product that can improve the mill's bottom line. The Foam Breaker is used in conjunction with the Lundberg's Soap Concentrator as elements in a successful foam control/soap collection program. A complete system includes Foam breakers to break the foam, concentrators to further deaerate the soap, floating soap skimmers to collect the soap, and soap separators to remove black liquor from the collected soap.

## CONTACT

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## LUNDBERG'S AREAS OF EXPERTISE

### BY-PRODUCT RECOVERY

- Tall Oil Soap
- Turpentine
- Acidulation
- Condensing
- Storage
- Storage

### CHEMICAL HANDLING AND STORAGE

- Sulfur
- Caustic
- Acids
- Sulfur Dioxide
- Storage
- Vaporization

### CHEMICAL GENERATION

- Sulfur Dioxide
- NSSC Pulping Liquor
- Sulfite/Bisulfite Pulping Liquor

### EVAPORATORS FOR PULPING LIQUOR

- Multiple-Effect
- Strong Liquor Concentrators
- Pre-Evaporation
- Falling Film
- Vapor Recompression
- Crystallizer
- REX Technology

### FOAM CONTROL

- Washer Filtrate
- Weak Liquor Storage
- Soap Skimming
- Foambreaker for Light Foam
- Soap Concentrator for Heavy Foam and Soap

### HEAT RECOVERY AND UTILIZATION

- Blow Heat
- Pre-Evaporation
- Digester Heaters and Circulation
- Direct Contact Gas Coolers
- TMP
- Heavy Liquor Heaters
- Waste Heat Boilers
- Condensers
- Hot Water
- Steam Generation
- Systems

### LUNDBERG CUSTOM EQUIPMENT

- Pressure/Vacuum Relief Valves (PVRV)
- Flame Arresters
- Jacketed Valves
- Lundberg Soap Separator/Soap Skimming Rake
- Heat Exchangers
- SO<sub>2</sub> Gas Fans
- Heavy Liquor Heaters

### POLLUTION CONTROL

- Black Liquor Oxidation
- Condensate Stripping
- Noncondensable Gas
- Direct Fired Oxidizer (DFO)
- Plywood Industry
- Regenerative Thermal Oxidizer (RTO)
- Wet Electrostatic Precipitator (ESP)
- Weak
- Steam
- TRS
- Collection
- Strong
- Heat Exchangers
- Strong
- Air
- MeOH / BOD
- Incineration
- Dilute
- Steam Tunnel Condensate Evaporator
- Regenerative Catalytic Oxidizer (RCO)
- COD
- Scrubbers
- SOG

### SPECIAL SYSTEMS

- White Liquor Oxidation
- Sulfur Addition – Kraft Liquor
- Reausticizing – White Liquor
- Ash Treatment Systems – Saltcake
- Air
- Molecular Oxygen

### TURNKEY

- Engineering
- Complete EPC