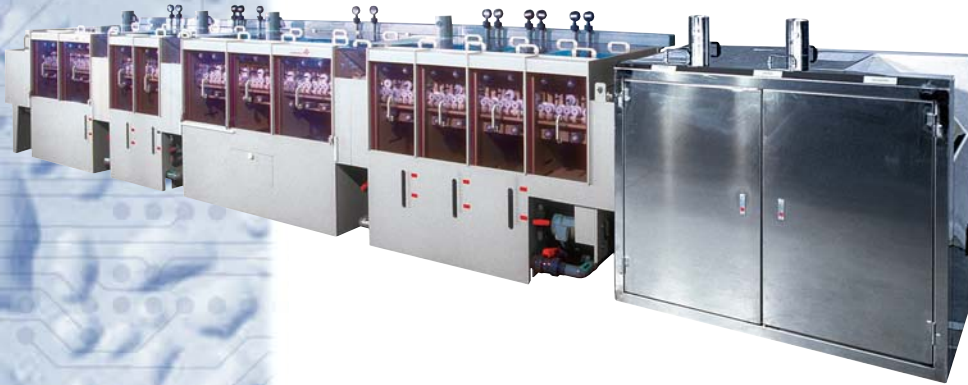


Dalux™ DF Series Wet Process Systems

DF Series

The Dalux DF Series leads the industry in process repeatability. An advanced conveyor system, rugged construction, and easy maintenance design make the DF Series a reliable performer.



Features

- Modular design for flexible process arrangement
- Easy access preventive maintenance design
- Clear side windows and top domes for easy inspection and maintenance
- All stainless steel construction for strippers and high-temperature applications
- PLC control for automatic/manual operation, power/water saving, and alarm indication
- Standard high-capacity screen filters

Controls

- PLC control with Omron® components (standard design)
- Remote NEMA cabinet with lighted interior
- Panel sensor on input module for energy-saving sequential start up

Serviceability

- Chemical chamber pumps remote behind chamber
- Enclosed impeller with quick-disconnect design for easy replacement and access
- Rinse pumps behind chamber or mounted under chamber with easy-slide-out, quick-disconnect design



Quick-disconnect spray bars and nozzles



*Free-standing pump for easy maintenance
Easy access float-level safety switches*

- Pump screen/filters with easy access from side
- Plumbing external on back side for easy access
- Universal tube cartridge heaters:
 - 1 heater fits all processes
 - Easy-slide-out design with access from outside of module
 - Heater failure indicated by ammeter readout

**DALUX EQUIPMENT
SERVICE CORPORATION**



1730 E. Warner Rd., Suite 10, #150
Tempe, AZ 85284-4524

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Fax: 480/777-0663

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- Redundant over-temp protection for all heated main chamber chemical modules
- 1/4-turn quick-disconnect spray bars with compression seals in rinse and chemical chambers
- Front side removal of spray bars without removal of rollers
- 1/4-turn quick-disconnect nozzles with patented, positive-removal grip tabs
- Dual see-through doors to chemical chamber for easy access to conveyor gears and spray bars
- Lighted chemical chambers or removable dome covers (standard design)
- Conveyor worm gear drive inside chemical spray area provides constant washing
- Positive gear drives for all rollers, top and bottom
- Conveyor gear drive line segmented for easy gear replacement
- Sloped sumps with 2" drain recessed below floor level for complete draining and cleaning

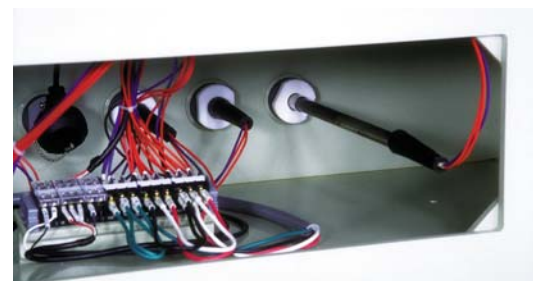
Construction

- Triple-applied, double-beaded welds
- Dalux HDPVC™ textured PVC material for easy cleaning

- Fully modular design for easy upgrades and process expansion
- Adjustable air knives
- Stainless steel drier construction with up to 200° F available
- Independent unitized construction of conveyor rails:
 - Minimizes impact of sump expansion
 - Enhances longevity
 - Extends high level of MTBF hours
- Carbon fiber conveyor shafts:
 - 10 mm diameter
 - Inert to chemistry
 - Ensures long service life
- Transport systems available for:
 - Kapton® sheets with core thickness down to .001"
 - Thin core glass epoxy type, up to .187"



Dual clear side access doors



Quick-disconnect cartridge heaters; standard for all processes

DF Series Options

- Machine mounted control panel
- HPVC high-temperature plastic material
- 7 1/2 HP and 10 HP chemical chamber pumps
- Patented Flood and Dispersion Bar™ application systems for appropriate processes

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