

FORWARD TECHNOLOGY F-300 SERIES

Open Top Solvent Cleaning Systems

...designed to safely employ all of today's non-flammable and EPA approved solvents

FORWARD TECHNOLOGY's F-300 SERIES is an economical solution to solvent precision cleaning applications. A typical process includes immersion in the latest ultrasonic technology - Crest's ceramically enhanced transducers that produces unrivalled cleaning with HFC, HFE, NPB, HCFC solvents.

FEATURES

- Solvent immersion tank with patented Crest 40, 58 132, or 192kHz ultrasonics
- Electrically heated boiling immersion sump
- Dual compressor refrigeration
- PLC control with automation capability
- 120% freeboard ratio to limit solvent consumption
- Removable panels for easy maintenance access
- Recirculation with cartridge filtration
- Two gravity water separators with molecular sieve capability
- Compact foot print for easy integration in production flow
- Manual downtime cover
- Stainless steel condenser and chiller coils to avoid corrosion
- Stainless steel process tanks with bright annealed finish
- Solvent cool down mode to minimize solvent loss
- Energy saver mode



F-300 with optional Automated Transport System

F-300 Series

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Model	Tanks Size	Basket Size	Distillation Rate	Boiling Heat	Load Cap.	Solvent Cap.	Electrical Requirement	Cooling Water Requirement	Ultrasonics
	Inches	Inches	Gal/Hr	kW	Lbs/Hr	Gal			
F-300-1812	18x12x12	16x10x10	18	7.5	600	45	208-230V 3 Phase 50-60 Hz 60 AMPS	6 GPM @ 85 Deg F	40, 58, 132, 192 kHz 1000W
F-300-2420	24x20x18	22x18x16	37	18	1230	95	480V 3 Phase 50-60 Hz 60 AMPS	12 GPM @ 85 Deg F	40, 58, 132, 192 kHz 1500W

The FORWARD TECHNOLOGY F-300 Series is ideal to remove organic residues like organic films, fingerprints, grease, mold release, oils, etc. Applications can be found in most industrial domains.

Safety

- Refrigeration temperature monitoring
- Boiling tank over temperature signal with solvent replacement warning.
- Extended freeboard volume
- Boiling tank low level control
- Vapor level control with reset

Options

- Desiccant water removal
- Baskets
- Automated transport system
- Powered cover
- Parallel basket operation
- Upper enclosure
- Chillers available



F-300 Standard Version

ADVANTAGES

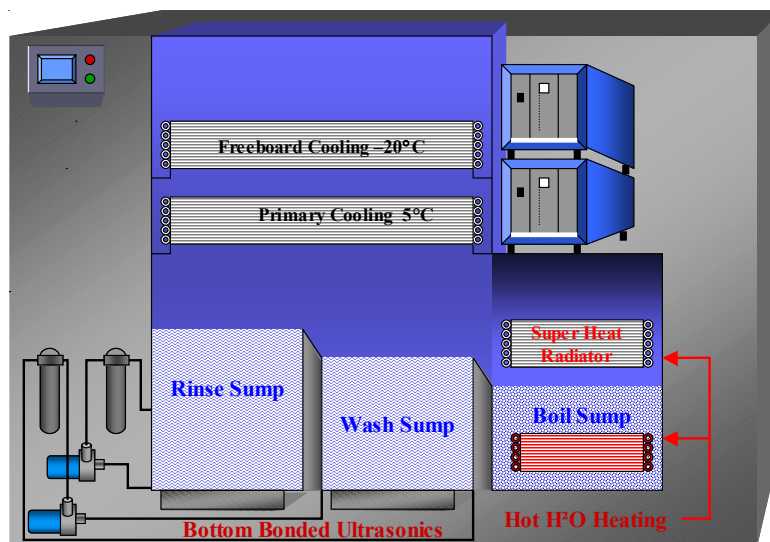
- Wash, rinse, and dry with a spot free finish in one compact unit
- Smaller footprint and faster cycle times than aqueous systems
- No water consumption or wastewater treatment required
- No exhaust required



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F-300 Series System Layout