

# FORWARD TECHNOLOGY F-400 SERIES

## Superheated Solvent Cleaning Systems

...designed specifically to employ low-flash point solvents such as isopropyl alcohol, acetone, and cyclohexane

The Forward Technology F-400 is a high throughput capacity solution to low-flash point solvent precision cleaning applications. A typical process includes immersion in the latest ultrasonic technology...Crest's ceramically enhanced transducers that produces unrivaled cleaning with low-flash point solvents.

### Features

- TÜV Approved and meets all National Fire Protection Standards (NFPA)
- Wash and Rinse immersion tanks with patented Crest 40, 58, 132, or 192 kHz ultrasonics
- True Superheat™ For Rapid Part Drying
- Closed Loop Hot Water Heating of Solvent and Vapor
- High Reflux Rate
- Recirculation of Wash and Rinse Sump with Cartridge Filtration
- 100% freeboard ratio to minimize solvent consumption
- Removable panels for easy maintenance access
- 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



# F-400 Series Superheated Solvent Cleaning Systems

Model	Overall Dimensions W x L x H	Tank Size	Distillation Rate	Boiling Heat	Load Cap.	Solvent Capacity	Electrical Requirements	Nitrogen Requirements	Compressed Air Requirements	Cooling Water Requirements	Ultrasonics
	<i>Inches</i>	<i>Inches</i>	<i>Gall/Hr</i>	<i>kW</i>	<i>Lbs/Hr</i>	<i>Gal</i>					
F-400-181212	148 x 48 x 108	18 x 12 x 12	43	18	1440	45	Main: 480V - 3 PH - 30A Secondary: 120V - 1 PH - 5A	20 SCFH @ 5psig	1 SCFM @ 80 psig	10 GPM @ 41 °F	40, 58, 132, 192 kHz - 2000W
F-400-242018	180x 64 x 130	24 x 20 x 18	70	30	2880	100	Main: 480V - 3 PH - 75A Secondary: 120V - 1 PH - 5A	20 SCFH @ 5psig	1 SCFM @ 80 psig	25 GPM @ 41 °F	40, 58, 132, 192 kHz - 4000W

The Forward Technology F-400 Series is ideal to remove organic residues like organic films, fingerprints, grease, mold release, oils, etc. Applications can be found in most industrial facilities.

## Safety

- Integral CO<sub>2</sub> Suppression System
- Boiling tank over temperature signal with solvent replacement warning.
- Extended freeboard volume
- Boiling tank low level control
- Vapor level control with reset

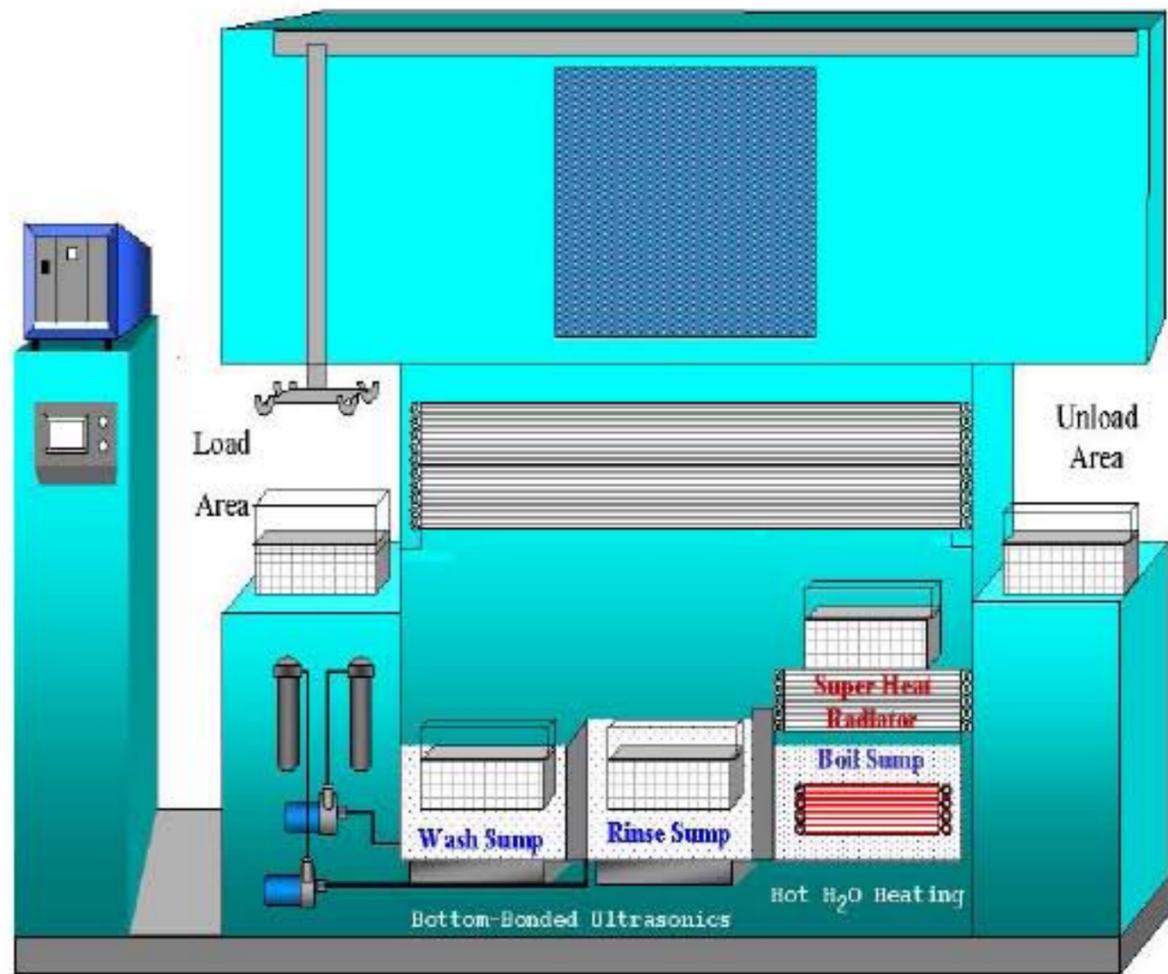
## Options

- Desiccant water removal
- Baskets
- PLC controlled transport system and upper enclosure
- Automatic Downtime Cover
- Load / Unload Conveyors



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Conceptual Layout

F-400  
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