Forward Technology F-300-S Ultrasonic vapour Degreaser

Model F-300S -3/1812

This NESHAP compliant system is designed for use with EPA approved,
Non-flammable solvents

- Estimated foot print (Final dimension and drawing will be issue after PO)
  Left to Right = 165” (4200mm)
  Front to Back = 80” (2030mm)
  Height = 98.43” (Max 2500 mm)

- Offset Boil Sump
- Dual Ultrasonic Immersion Sumps
- 316L Stainless Steel Process tank
- 304 Stainless Steel Support Frame and Counter top
- 304 Stainless Steel, lift-off access panels
- 300 series stainless steel pluming with compression and or/ welded fitting where appropriate
- NEMA 1 electrical enclosure with single point electrical connection
- Power requirement : 230 volts/50Hz/ 3 phase – 80 Amps
- Front Mounted, recessed operator interface panel
- Maximum Basket Size : 16” x 10” x 8”
- Vapor Zone Height :20”

Boil Sump Features :

- On-board, indirect hot water heating system at 9kW
- Temperature control probe with over temp protection and solvent change out alarm features
- Low liquid level safety
- Clean out door

Wash Tank Features :

- 10 GPM recirculation/filtration system including :
  - Pump protection strainer
  - Centrifugal pump featuring a stainless steel pump head, Teflon encapsulated Viton seals, gaskets, and O'rings and a TEFC motor
  - Stainless steel filter housing
  - Bag Filter Housing x 1 unit
  - Pressure gauge to monitor recirculation pressure
  - Manual flow control valves

Rinse Tank #1 Features :

- 10 GPM recirculation/filtration system including :
  - Pump protection strainer
  - Centrifugal pump featuring a stainless steel pump head, Teflon encapsulated Viton seals, gaskets, and O'rings and a TEFC motor
  - Stainless steel filter housing
  - Bag Filter Housing x 1 unit
  - Pressure gauge to monitor recirculation pressure
  - Manual flow control valves

Rinse Tank #2 Features :

- 10 GPM recirculation/filtration system including :
  - Pump protection strainer
  - Centrifugal pump featuring a stainless steel pump head, Teflon encapsulated Viton seals, gaskets, and O'rings and a TEFC motor
  - Stainless steel filter housing
  - Bag Filter Housing x 1 unit
  - Pressure gauge to monitor recirculation pressure
  - Manual flow control valves

Freeboard Zone

- 120% freeboard ratio to minimize solvent loss
- Independent primary and secondary condenser units direct expansion valves
- Stainless steel primary cooling coil

- Deforst cycles for freeboard cooling coil
- Continuous cooling will be provided by the primary coli during the secondary defrost cycle
- Independent water separation housings for main and secondary condenser coils
- The water is removed manually from the system via ball valves
- High vapor temperature sensor
- Sliding downtime cover

PLC Controlled Dual Axis Transport Automation

- Parallel Automation, a single load arm providing multiple basket process through the cleaning process
- AC motor driven operation in both the vertical and horizontal axis
- Smooth Operation belt driven
- Stainless steel lift arm
- Fully programmable at the cleaning system control panel
- 35kg payload capacity (inclusive of basket weight)
- Transport option includes automation of the horizontal cover

