Technical Specifications

Dry Film Stripper Parameters for High Quality Etch:

- Amine Based
  - Temperature: 130° F (54° C)
  - pH: 10.7 to 10.8
  - Bath: 10% v/v
  - Spray Pressure: 30psi (2.0 bar)

- NaOH Based Strippers
  - Temperature: 160° F (71° C)
  - pH: 10.7 to 10.8
  - Bath: 3% w/w
  - Spray Pressure: 30 psi (2.0 bar)

Estimated Conveyor Speed for 30 um Dry film and typical amine based strip chemistry:

- Standard Length XLI Series – 28 ipm (0.71 meters/min.)
STANDARD CONFIGURATION

Station 1 – Load (18 in. 457mm)
Station 2 – Strip (54.6 in. 1387mm)
  - 37 in. 940 mm Effective
  - pH monitor
  - Pump out
  - On-board Resist Filter w/ bulk separator
  - 0.5 gpm (1.9 lit./min) cone nozzles
  - Upper/Lower Pressure Gauges
Station 3 – Isolation (12 in. 305mm)
  - Drag out control (Rollers)
  - Fresh Air inlet
Station 4 – Rinse (19.7 in. 500 mm)
  - Fresh to drain
Station 5 – Double Stage Rinse (28 in. 711 mm)
  - Split manifold: 2 recirculation / 2 fresh
Station 6 – Unload (18 in. 457mm)

System Total Length: 150.3in., 3818mm

Notes:
  - Ultra-Thin conveyor Standard
  - 75 ft. (22.8m) Wiring Harness
  - Adjustable Conveyor Speed Range: 14 -140 ipm
  - Product Thickness – 0.004(0.1mm)- 0.250(6.35mm)
  - Maximum Operating Temperature: 130°F, 54.4°C

SYSTEM OPTIONS

  - Containment Pan
  - Bath control, pH Controller or panel count dosing.
  - Optional Rinses
  - Optional Strip Chamber Length
    - 69.7 in. 52 in. effective
  - Inline Filters (150 micron)
  - Dryer
  - Flextrak Package (below .004 in., 0.1mm)
  - Ventilation Demister
  - Cooling System (Chiller)
  - Extended Load & Unloads
  - Available Conveyor Widths
    - 20, 30, 40 and 60 Inch(508, 762, 1016, 1524mm)
  - Power Options
    - 208/3/60, 230/3/60, 460/3/60, 400/3/50
  - Other options available upon request

Customer Notes And Additional Details: (ex. voltage, width, etc)