

MKX3

MICROKLEAN® X3

CONTACT CLEANING MACHINE FOR STAND ALONE APPLICATIONS

MKX3 provides an unequalled system for continuous contact cleaning of various substrates.

With the use of specially formulated polymers, contaminants are lifted and transferred from your product's surface to adhesive rolls. No special handling, chemicals or wipes needed.

MicroKlean X3 is constructed with stainless steel and comes with our interchangeable cleaning roller cartridge designed for easy maintenance and "MINIMUM DOWN TIME". In addition, the MKX3 incorporates a Programmable Logic Controller which enables custom programming, very precise control adjustments, and interfacing capabilities with other machines.

ULTRA COMPACT
DESIGN



IDEAL APPLICATIONS:

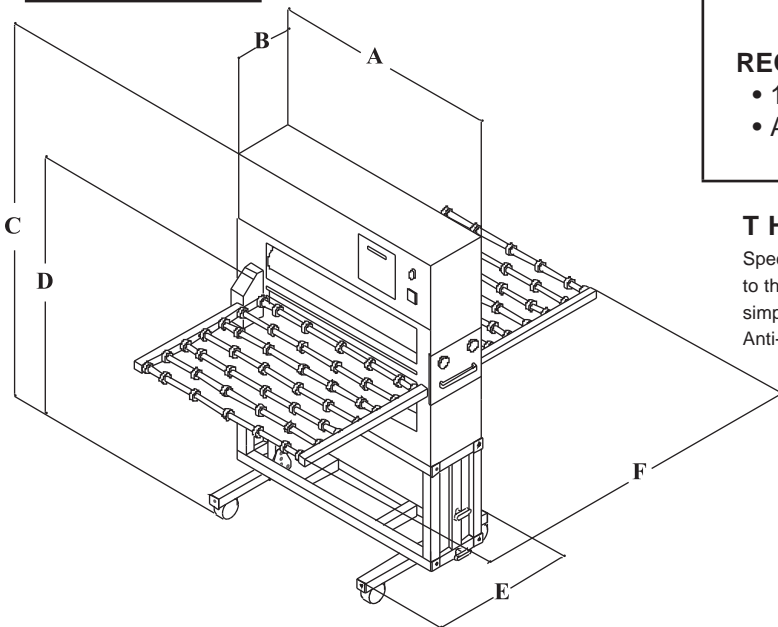
- Any process where a clean substrate is crucial.
- Cleaning copper before application of photo resist
- In front of exposure machine
- Before application of solder mask
- Cleaning substrates prior to printing

UNIQUE BENEFITS:

- DELAY CONTACT - Cleaning feature enabling the machine to handle overlay protected panels without disturbing the protective cover sheet
- Multiple adjustable functions controlled through an operator interface panel
- Manually fed panels



MKX3



Cleaning Width	24" (610 mm)	30" (762 mm)
A	33.5" (851 mm)	39.5" (1003 mm)
B	5.75" (146 mm)	
C	48"-56" (1219-1422 mm)	
D	36"-42" (914-1067 mm)	
E	22.3" (565 mm)	
F	22.75" (578 mm)	46.75" (1187 mm) 58.75" (1492 mm)
Conveyors Sizes	8" (203 mm)	20" (508 mm) 26" (660 mm)

FEATURES

- Cleaning Width of 24" (610 mm) or 30" (762 mm)
- **Patented** Interchangeable cleaning roller cartridge designed for easy maintenance ("Minimum Down Time" with optional spare cartridge.)
- **Patented** Pneumatic System
- Operator Interface Panel provides:
 - Variable Speed (0 - 60 FPM)
 - Adjustable Delay contact & dwell time
 - Audible alarm for timely servicing of Adhesive Rolls
 - Alphanumeric LCD display for alarms and information prompts
 - Panel counter
 - Optional: Password protection of operation settings
- Programmable Logic Controller enabling custom programming to meet changing needs
- Double-Sided Cleaning
- Adjustable feed line height
- Anti-static bars
- Multi-directional cleaning modes
- Delay Contact minimizing Dry Film/Mylar peeling

OPTIONS

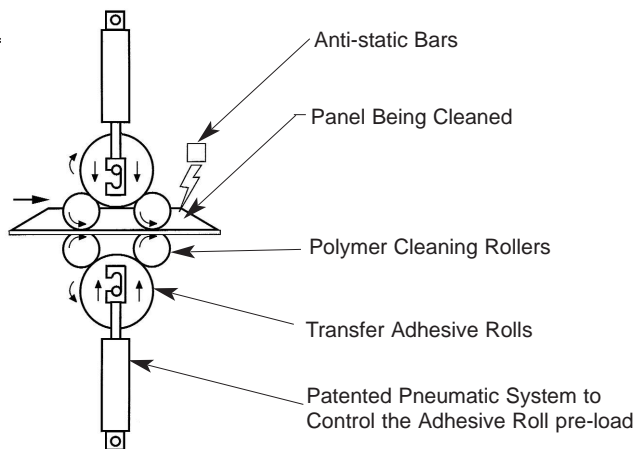
- Custom Speed Packages up to 100 FPM (31 m/min)
- Spare interchangeable cleaning roller cartridge
- Air compressor
- Custom feed line heights
- Conveyors (Idle or Driven)
 - a. 8" (203 mm) b. 20" (508 mm) c. 26" (660 mm)

REQUIREMENTS

- 110VAC or 220VAC Power
- Air Supply (60 P.S.I)

THE CLEANING PROCESS

Special polymer rollers lift the contaminate from the panel and transfers them to the adhesive roll. When the adhesive roll becomes laden with contaminate, simply strip the outer layer exposing a new clean surface of adhesive. Anti-static bars neutralize product preventing re-contamination.



INFORMATION CONTAINED IN THIS DOCUMENT
SUBJECT TO CHANGE AT SDI DISCRETION



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