



CLEANSYS

Innovative Solution in the World Of Cleaning
Machine for Removal of Static Electricity & Particles

SPECIALIZED SURFACE MOUNT CLEANING MACHINE FOR COMPACT SMT LINE



✓ FEATURES

- Removal of contaminants on both sides of bare board
- Removal of contaminants on the back side of parts installed PCB
- Electrification prevention function is added to the cleaning roller that is made of high molecular polymer
- PCB support guide
- PCB gap control device
- Automatic conveyor width adjustment device (FC-M810-400: Manual, FC-M820-400: Auto)

- Provide convenience through touch panel
- Supports multi-language (Korean, Chinese, English, Japanese, Deutsch)
- Provide various interfaces

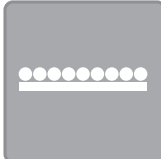
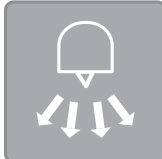

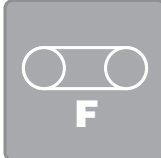

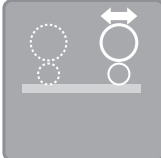





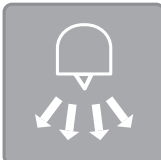
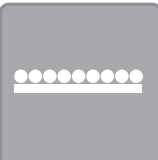
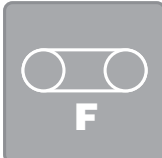

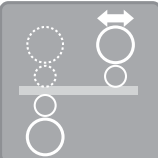
CLEANSYS

One-Sided SMCM MODEL: FC-M810-400



Case  Coated Case	Anti-Static Bar  Air-Bar Type	Cleaning Method  Single-sided Type (SMCM)
Conveyor  Flat Belt Type	Working Table  Caster Leveling Bold Type	Other  AR/CR Open

Double-Sided SMCM MODEL: FC-M820-400

Cleaning Method  Double Sided Type (SMCM)	Anti-Static Bar  Air-Bar Type	Case  Coated Case
Conveyor  Flat Belt Type	Working Table  Caster Leveling Bold Type	Other  AR/CR Open





CLEANSYS

ADVANTAGES



Automatic conveyor width adjustment device and PCB support guide



Provide convenience through touch control panel and support multi-language (Korean, Chinese, English, Japanese, Deutsch)

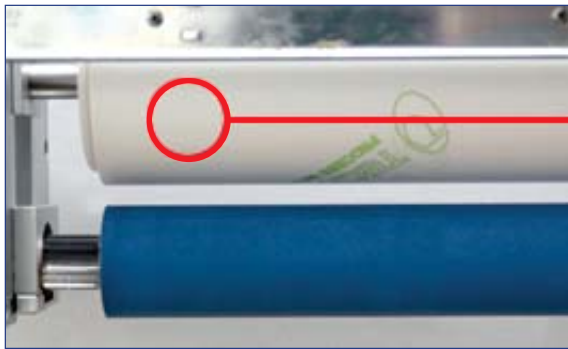


Manage the static electricity with 4 ionizers (upper, lower, left, and right parts)

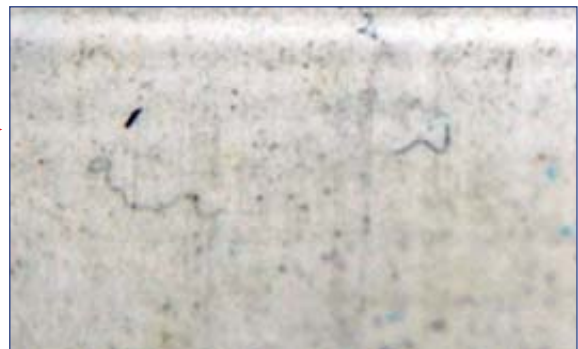
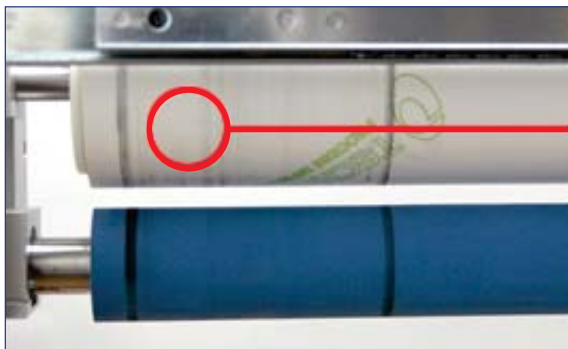


Removal of contaminants on both sides of bare board by using cleaning rollers that have electrification prevention function

PERFORMANCE



BEFORE ADHESIVROLL



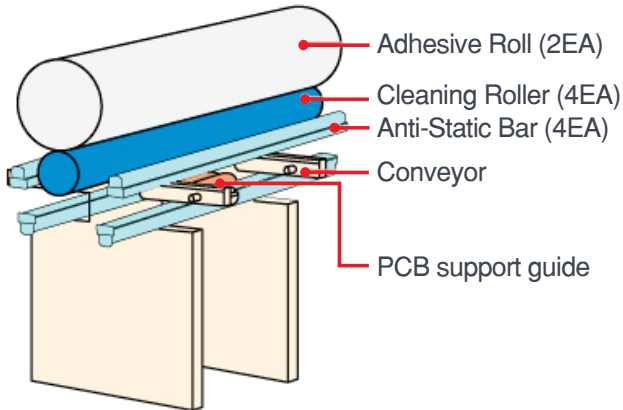
AFTER ADHESIVROLL



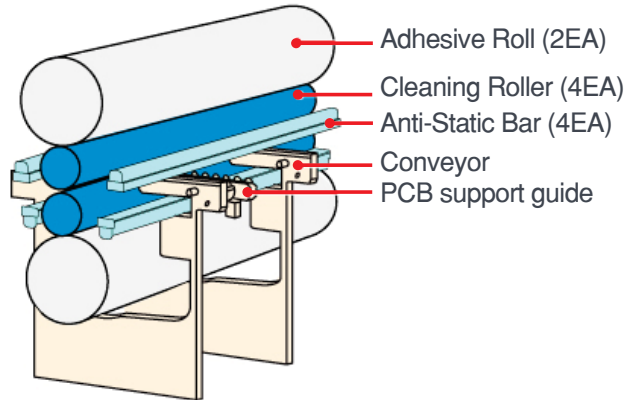
CLEANSYS

MECHANISM

MODEL: FC-M810-400

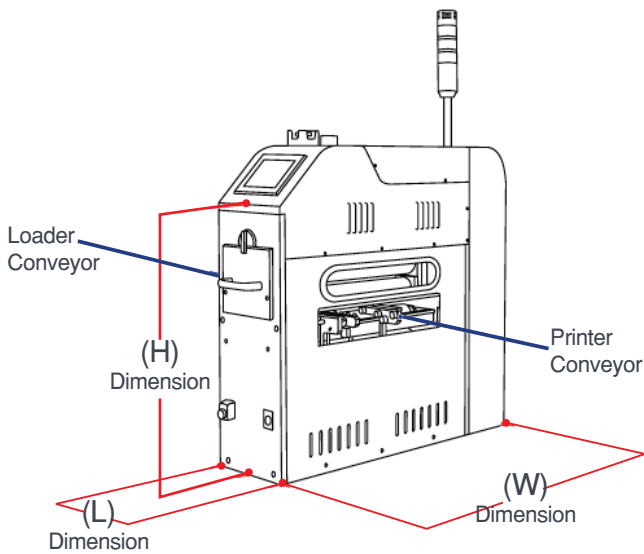


MODEL: FC-M820-400

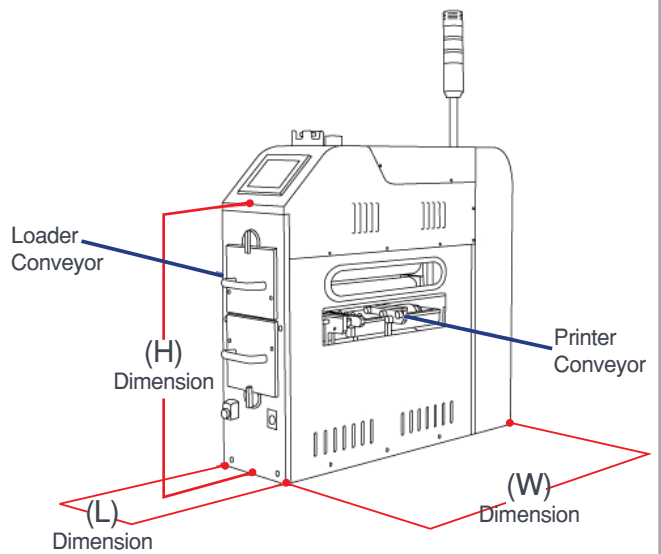


DIMENSIONS

MODEL: FC-M810-400



MODEL: FC-M820-400





CLEANSYS

SPECIFICATION

ITEM		FC-M810-400(One-Sided)	FC-M820-400(Double-Sided)
Dimension	Main	240(W)mm x 852(L)mm x 820(H)mm	
Effective Material	Length	75 ≥	
	Width	70 ~ 370(mm)	
	Thickness	0.4 ~ 2.0(mm)	
Pass Line		900 ± 30(mm)	
Cleaning Roller		Upper part	Upper / Lower part
Adesive Roll		Upper part	Upper / Lower part
Cleaning Mode		Single, Pass	Single, Double, Pass
Conveyor Width Adjustment		70 ~ 370(mm) Manual	70 ~ 370(mm) Automatic
Conveyor Speed		Max 40(m/min)	
Support Guide Adjustment		100 ~ 300(mm)	
I/O Interface		Remote(Run/Stop), Emg Signal	Remote(Run/Stop), Emg Signal Diagnosis Function
Control Panel		Small-sized Graphic LCD	5.7inch Touch Panel
Power Supply		100 ~ 240 Vac/50/60Hz	
Pneumatic Pressure		5 ~ 7 bar	
User Interface		Supports multi-language (Korean, Chinese, English, Japanese, Deutsch) Conveyor Width Adjustment, Product Counter, Conveyor Speed Control, Equipment diagnosis, SMEMA	

* Above specification is standard, for the available conveyor width please contact us.

APPLICATIONS



The surface mount cleaning machine is installed at in-line system in surface mount process and before printing process to remove contaminants and static electricity on the surface of PCB before solder paste printing. Therefore, manufacturer can solve the following contaminants related problems and expect effectiveness of the printing and surface mount quality improvement.