

DP-5000 System



TAIYO *CIRCUIT AUTOMATION*

DP-5000 Automatic Coating and Drying System

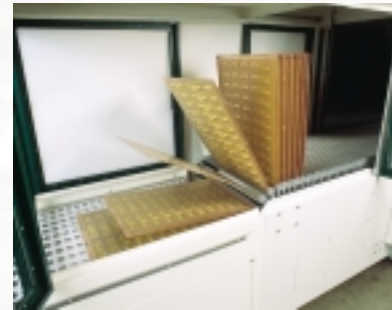
The DP-5000 is simple to operate, clean, and maintain. A new user friendly touch screen operator interface directs the machine. Set up time and system verification time has been greatly reduced by the new controller package. The machine now has the capability to verify panel size to improve automation and prevent misfeeds. The coating chamber is isolated from the operator and a comprehensive safety interlock system is provided. The machines are constructed to meet the requirements of the European Committee for Standardization and carry the CE mark.

DP-5000s are designed to meet the specifications and expectations of high production manufacturing. Critical components have been up sized to provide vibration-free operation and long functional life with a minimum of downtime. Maintenance personnel will appreciate the simplicity and elegance of the design, making routine maintenance fast and straightforward.

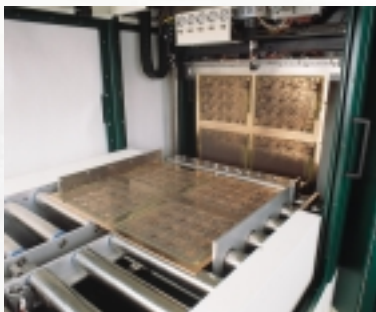


Integration of LPISM coating and tack-drying leads to higher yields with less dependence on operator efficiency. Handling defects are reduced as both sides are coated and dried simultaneously.

Because both sides are coated simultaneously, the DP-5000 is much more compact than curtain coaters or spray coaters which coat each side of the panel independently. Experience has shown that simultaneously coating both sides produces superior results.

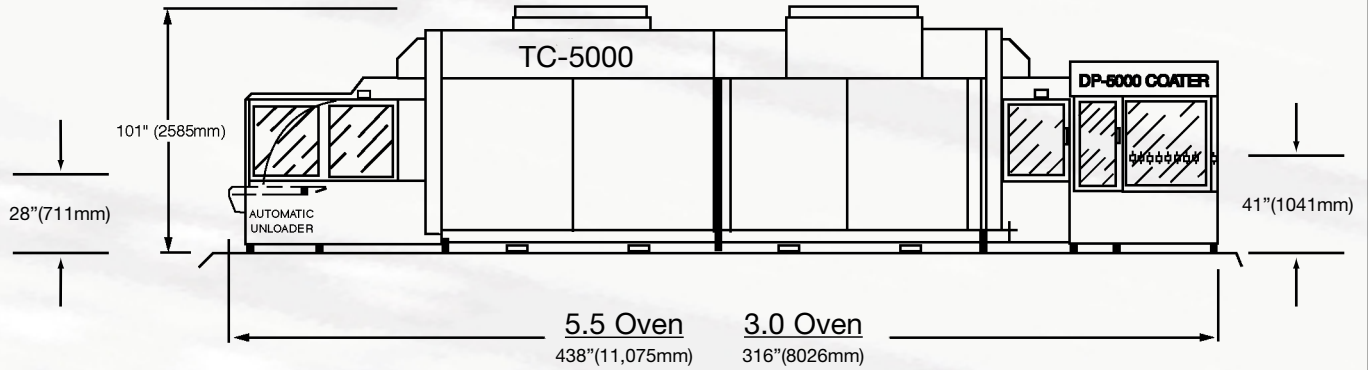
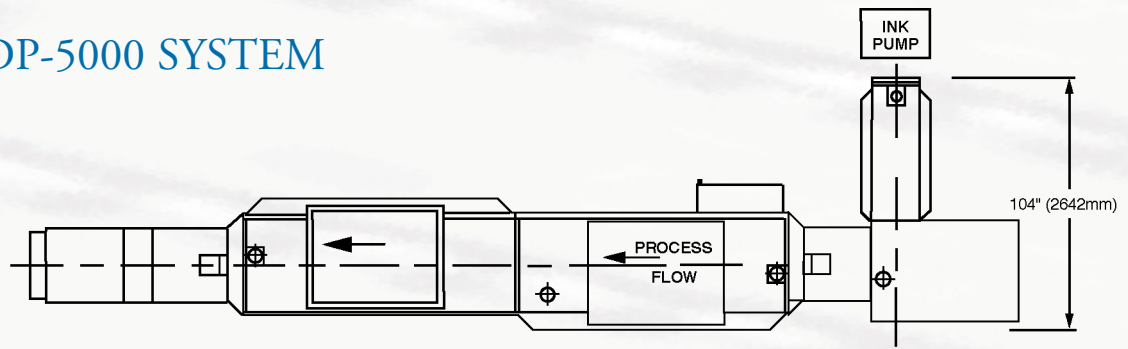


Automatic Unloader



Automatic Loader

DP-5000 SYSTEM



Utility Requirements

Electrical

Coater with 3.0 meter oven:

480 V 3 ϕ , 80 A 60Hz 415 V 3 ϕ , 90 A 50Hz
 380 V 3 ϕ , 100 A 50Hz

Coater with 5.0 meter oven:

480 V 3 ϕ , 150 A 60Hz 415 V 3 ϕ , 170 A 50Hz
 380 V 3 ϕ , 190 A 50Hz

Pneumatic

8 cfm @ 100 psig 14 m³/hr @ 7 bar

Exhaust

Coater

250 cfm 425 m³/hr
Blower not supplied

3.0 meter oven

900 cfm 1525 m³/hr
Blowers supplied

5.5 meter oven

1400 cfm 2400m³/hr
Blowers supplied

Shipping

DP-5000/TC-5000 3.0

Net weight 8500 lbs 3875 kilos

Gross weight 10000 lbs 4550 kilos

Crated Dimensions 20' high cube container

DP-5000/TC-5000 5.5

Net weight 15000 lbs 6800 kilos

Gross weight 19000 lbs 8650kilos

Crated Dimensions 40' high cube container

TAIYO CIRCUIT AUTOMATION

2675 Antler Dr., Carson City, NV 89701 U S A

Phone (775) 885-9959, x. 2

www.taiyocircuitautomation.com

This information is believed to be true and accurate based on our laboratory testing and experience. Since actual use is beyond our control, no warranties, express or implied, exist. Specifications and design are subject to change without notice. Revision 3/98