



Ching-Huei

PRECISION TYPE SCREEN PRINTING MACHINE FOR PCB

# MODEL : CH-5070BD

## Suitable :

PCB High-accuracy & highly difficult printing ·  
Mark · 2oz Solder mask · Liquid · Carbon ·  
Silver Through Hole...etc plugging printing.  
MCPCB · Ceramic circuit board...etc  
high-accuracy flat screen printing.

## Option :

LPI Printing Device  
X-Y Axis Independent Moveable System  
Squeegee Pressure Demonstration System (Patent)  
Ink Scrape Function  
Unload Device  
Ink Transferring Mode  
Halftone Compensation System  
Carbon · Silver Through Hole Printing System



## Feature :

1. The lifting up/down of frame mechanism uses Japanese Nissei original gear box motor with brake, utilize transmission of the rocker arm to accelerate while moderating from top to bottom, the halftone goes up and down smooth-goingly without shaking.
2. The squeegee transmission structure adopts the high rigidity design (Light quantization aluminum alloy of integrative shaping). The transmission adopts the motor and transmits the axis directly with Japanese THK linear guide, there are not belts that spread the movable property and grow the dust question. The special structural design guarantees the squeegee seat lifting go/down makes a reservation accurately without shaking.
3. Safety device adopts three surround design and all protected in front and both sides. Operating side has the device of safe pressing plates, the program of the lifting up/down of frame mechanism will be excised automatically when the operator cleaning the halftone. It can guarantee the work safety accident will not happened to operate to personnel.
4. High rigidity design of frame mechanism cooperate with synchronous machinery type automatic off contact device. It can guarantee the table and halftone keep certain distance when printing. While printing to different viscosity ink and halftone of different tension, do not produce out of shape · shadow · stick halftone, 2oz solder mask printing is difficult to ooze the ink to reduce the number of times of cleaning halftone.
5. Moveable squeegee pressure setup system, the fulcrum of squeegee is designed of multi-direction type activity pivot, left and right sides can be adjusted level independently will not influence each other. And left and right sides that can be changed according to the halftone of different tension, it can adjust the left and right fulcrum of squeegee alone to cooperate with the change to reach the most ideal printing pressure.

Max. Print Area	610mm×610mm	Squeegee Slope Angle	0°~45°
Max. Frame Size	1000mm×1000mm	Squeegee Angle in X-Y Plane	±5°
Printing Table Area	900mm×1000mm	Fixed Type	Pin fixed position or vacuum clamp
Max. Vacuum Area	585mm×690mm	Voltage	3ø-AC220/380V-50/60HZ-3KW
Thickness	0.3 ~ 5.0mm	Air Consumption	50L/min ( 5~6kg/cm <sup>2</sup> )
Speed Of Printing	10~600mm/sec.	M/C Dim.	(L)1840mm×(W)1620mm×(H)1690mm
Production Efficiency	2~8 pcs/min.	M/C Weight	1010KGS

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