



# VACUUM PLUGGING PRINTING M/C

## MODEL : CHVP-610

### Suitable :

- Variou high aspect ratio plugging and blind plugging printing.
- Various high-precision 、 high density plugging printing.
- Various thick copper board filled with plastic printing.



### Feature :

- 01.The squeegee transmission structure adopts the high rigidity design (Light quantization aluminum alloy of integrative shaping). The transmission adopts the dedicated vacuum motor and transmits the axis directly to avoid generating dust belt drive problems. When printing transmission without vibrations make the squeegee seat can move stable to print and with Japanese THK linear guide with 90° angle using two-track design, the squeegee seat structural steel more help plug the hole effect.
- 02.Vacuum system uses module made in Japan & Germany assembled, the degree of vacuum printing area up 100 Pa.
- 03.Can be used with screen selectively plug hole can save ink. Increased costs without effort because the entire surface of the plug hole drilling problems caused by secondary processing fees when required.
- 04.Special digital printing pressure setting system, it can automatically detect the stuff with the actual printing squeegee pressure squeegee mechanism automatically adjusts the depth, it can only change the printing pressure on GP operation interface to setup, without opening the cover of the machine to adjust, can greatly enhance the work efficiency. Unlike other brands must open the cover then manually adjust and then finished off the vacuum, after reaching the vacuum level before printing, adjust time consuming.
- 05.Printing movement table is lateral positioning is using vacuum special high-precision linear motor to transmit, ensure high-precision accuracy to reproduce.
- 06.Screen cleaning automatic launch rail design, it can be convenient and easy to clean, after cleaning the automatic homing operation easy.
- 07.Printed area using a wide angle projection C.C.D. monitoring system, unlike other brands using glass window monitoring more dead.
- 08.All transit modules are vacuum level specification, vacuum can be in full compliance with the standard printing job.
- 09.C.C.D. automatically integrated alignment, high accuracy and can greatly save time setting halftone, C.C.D. using high level imaging systems can recognize hollow target 、 solid target 、 cross target 、 shaped target.....etc. Target surface covered liquid or HAL can identify.
- 10.Special screen 、 compensation system, can effectively correct the screen production bias and printing deformation of the problem, and can compensate for the long printing caused by tension fatigue correction position, can greatly enhance the printing rate.

Max. Print Area	610 x610 mm (24"x24")	Production Efficiency	Mechanical action time: 42 sec./pcs. Printing action time: 20 sec./pcs. (Printing action time according to the thickness ratio to determine the speed)
Max. Frame Size	1100×1100mm		
Min. Frame Size	950×950mm		
Printing Table Area	840×840mm	Speed Of Printing	1~300 mm/sec.
Thickness	0.1 ~ 10.0mm	Squeegee Slope Angle	0°~45°
Max. Aspect Ratio	30:1	Squeegee Angle in X-Y Plane	±5°
Printing repeatability	±0.01mm	Voltage	3Φ-220/380V-50/60Hz-24KW
Image processing cycle	0.5 sec./pcs.	Air Consumption	500 L/min. ( 5~6kg/cm <sup>2</sup> )
Image alignment accuracy	±0.005mm	Cooling water demand	2~4 kg/cm <sup>2</sup> -10~15 L/min.-10~25°C
Clamp table moving accuracy	±0.005mm	M/C Dim.	4400(L)x4260(W)x2190(H)mm
X.Y.Ø Table accuracy	X.Y.Ø±0.005mm	M/C Weight	10520 kgs
C.C.D.light system	LED light system	Working height	950~1000 mm

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