EX-750II/ 960II/1280II Horizontal-lift Half-tone Printing Machine

Brief Instruction:

Using scope

The machine is designed for aiming at the hard distortion printing stock, the printing scope is very widely and can be used for screen printing of many plane bodies, such as paper, plastic, glass, ceramics, metal, textile and leather etc., especially for the printing of electron field PCB, soft PCB, PCB liquid state sensitization glue, SMT tin cream

Machine Characteristics

1、 The printing head goes up and down vertically along the back main part, operated expediently and occupies little acreage. The worm reducer motor with frequency conversion driven which can ensure it goes up and down quickly and stably; High precision preload linear lead rail is used with "ITALY MEGADYNE" in-phase belt, frequency conversion timing drive the speed reducer motor, which make the whole machine more stably and credibility and can get more higher movement precision;

2、The printing table is fixed in the machine frame by support table, the distance between screen frame and table is achieved by adjusting the height of main printing arm the stable degree is better than other model. The table surface is made of stainless steel and it's hard to scratch and distort, and plane degree of work table is less than 0.20mm, which ensure the printing pattern much more equal and clearer;

3、The inching and lock device of the table is separately which eliminate the error caused by lock of table;

4、Two cylinders control the movement of squeegee and ink reclaim blade separately, the pressure is large and equal and can be step less- regulated separately which increase the service life of the half-tone and printing quality;

5、The printing course control adopts the inductive switch, which can move quickly and locate on guide line, the fixation mechanism of screen frame also can be adjusted quickly, which reduce the time of exchanging frame and printing and increase the work efficiency;

6、There is snap-off device, and the height of snap-off can be adjusted, which ensure the printing precision and quality of products;

7 、 The run of whole machine is controlled by the PLC. The printing time and printing delay both can be adjusted and shown instantly. The speed of printing and ink returning can be adjusted quickly; There is the safe system of rising back urgently which to protect the safe of worker.

Main Technical Variables:

Model	EX-750 II	EX-960 II	EX-1280 II
Max. printing dimension （mm）	500×700	600×900	800×1200
Max. screen frame dimension （mm）	800×1080	900×1280	1100×1580
Table dimension（mm）	600×900	700×1100	900×1400
Max. Printing speed（t/h）	1200	1200	900
Overprint precision（mm）	≤ 0.10		
Paper thickness（mm）	～ 40		
Instant snap-off height （mm）	0 ～ 20		
Power	3P 380V 2.45KW	3P 380V 3.7KW	3P 380V 4.9KW
Total weight （Kg）	600	750	900
Overall dimension（mm）	1500×1080×1700	1500×1180×1700	2000×1380×1700

Configuration List

No.	Name	1	Manufacturer	Remark
1	PLC	1	Japan Omron	
2	Inverter	1	Japan MITSUBISHI	Printing
3	Inverter	1	MITSUBISHI	Up and down
4	Exhuast	1	Qiangli Motor	
5	Speed reducer	1	Ziguang	Printing
6	Speed reducer	1	Taiwan Liming	Up and down
7	Time relay	1	Japan Omron	
8	Counter	1	Japan Omron	
9	Hot relay	1	France Sehneider	
10	AC relay	1	Schneider	
11	Micro-relay	5	Schneider	
11	Breaker	3	Schneider	
12	Press/knob button	6	Schneider	
13	Jiggle switch	4	Schneider	Return up
14	Emergency stop switch	1	Hongbo	
15	Small button	6	Hongbo	
16	On-off power	1	Taiwan Mingwei	
17	Inductive switch	4	H.W.L	Printing
18	Slot shape photo electricity	6	Japan Omron	Up and down exhaust
19	Cylinder	1	Japan SMC	Snap-off
20	Cylinder	1	Japan SMC	Blade up
21	Cylinder	2	Japan SMC	Printing and ink reclaim
22	Electromagnetism	1	Japan SMC	Exhaust
23	Electromagnetism	3	Japan SMC	Printing/ink reclaim Snap–off
24	Gas and liquid changer	1	Japan SMC	
25	link rod	1	Japan SMC	
26	Lead rail	2	Taiwan ABBA	Printing
27	In-phase belt	1	Italy MEGADYNE	