



# SCREEN PRINTING

## MATERIAL

### «ONE ARM» PRINTING UNIT

The «One arm» printing unit is equipped with a vacuum base and manufactured in 2 maximum printing sizes : 60 x 80 and 80 x 120 cm.



This manual machine can print on any flat surface (papers, cartons, adhesives, plastic sheets, wood and plastic panels, textiles...) up to 5cm thick.

Its scraping process ensures printing quality and regularity and reduces the user's physical efforts. **It is delivered without squeegee type C.**

### • Printing table

Its frame in welded steel tube ensures a perfect stiffness and stability. A shelf is set halfway down in order to store ink tins, squeegees...

The frame holds the printing table, an aluminium punched panel which is absolutely stiff and withstands any kind of inks and diluters. The table slant facilitates the setting of the item which is kept held by a strong pump.

The screen up and down movements automatically control the vacuum situated under the printing table.

### • The printing system is composed of parallel and interdependent bars

- The first one is hexagonal and bears the screen holder bars which can be separately moved according to the screen sizes. The screen fastening in the slides is reinforced by manual clamping screws with washers in order to prevent frame scratches.
- The second one is cylindrical and ensures the longitudinal guiding of the scraping system.

### • The scraping system is composed of:

- A carriage on which the following elements are set:
  - 2 diabolo nylon wheels (spol shaped) and 2 cylindrical wheels mounted on ball-bearing to ensure a regular and even sliding.
  - 2 adjustable nylon stops to raise the screen and lift the squeegee. The squeegee slant may be modified according to the requirement during the printing or the flooding.
- A handle which carries the carriage and bears the squeegee holder that can be moved along the handle.
- A sliding counterweight with a stop to prevent its fall. On the 60 x 80 cm machine, it is sufficient enough to balance squeegee and screen while on the 80 x 120 cm machine, 2 additional counterweights are set at the end of the parallel bars.

### • Adjustments

Thanks to the longitudinal micrometric adjustment and to the transversal micrometric adjustments set on each slide of the frame holder, the registration is easy to realize by moving the screen.

**The «One arm» printing machine is unanimously appreciated thanks to its numerous possibilities, its easy adjustments and its 1-phase electrical feeding.**

«ONE ARM» PRINTING UNIT	60 x 80 Ref. 23443	80 x 120 Ref. 23446
<b>MECHANICAL CHARACTERISTICS</b>		
Maxi printing size	60 x 80 cm	80 x 120 cm
Screen maxi outside dimensions	90 x 120 x 4 cm	110 x 170 x 6,5 cm
Printing table dimensions	100 x 173 cm	124 x 223 cm
Punched surface	64 x 84 cm	88 x 128 cm
Item maxi thickness	5 cm	5 cm
Micrometric regulation - Longitudinal stroke - Transversal stroke	2 cm 4 cm	2 cm 4 cm
Supplied squeegee length	70 cm	90 cm
<b>OVERALL DIMENSIONS</b>		
Table average height	88 cm	88 cm
Dimensions on ground p x l	87 x 146 cm	110 x 196 cm
Dimensions on ground p x l	155 x 180 x 120 cm	180 x 230 x 122 cm
Net weight	150 kg	210 kg
Gross weight (open crate)	230 kg	310 kg
<b>ELECTRICAL CHARACTERISTICS</b>		
Feeding tension	230 V mono	230 V mono
Engine power	0,85 kW	0,85 kW
Absorbed intensity	6,4 A	6,4 A

Product manufactured in France



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