

HI12611P



Rotary transfer machine



SERIE HI: Prepared for the transfer of large industrial productions small and large format sublimation.

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- Automation of daily work through the on-off scheduling system.
 - Effective, advanced and economical heating system.
 - Steel cylinder with Teflon surface to prevent rust and maintain uniform temperature.
 - Industrial heating system with thermal oil.
 - LCD touch screen.
 - Password to enter special options on the LCD panel.
 - Sublimated fabric meter counter, configured from the LCD panel with the option to reset the value.
 - Speed controller for cylinder rotation through PLC.
 - Machine controlled by PLC, SIEMENS brand.
 - PLC-programmable digital temperature controller.
 - Automatic blanket position correction system controlled by PLC.
 - Pneumatic tensioning system for sublimation paper controlled by PLC.
 - Five tension rollers for the blanket. One of the rollers is driven by a pneumatic system and controlled by PLC.
 - Oil level indicator to ensure the amount of oil in the cylinder.
 - Designed for continuous roll-to-roll and fabric sublimation.
 - Independent control system on each roller to collect the used material.
 - Option to change the rotation in the cylinder movement.
 - Blanket protection alarm through limit sensors.
 - Emergency stop device.
 - Pneumatic system for tension control in protective paper, fabric and printed paper.

SPECIFICATIONS

Belt width:

126" / 320 cm

Heat transfer principle:

Thermal oil

Thermal cylinder diameter:

11" / 28 cm

Power required:

15 KW - 20 KW aprox

Current:

55A-60A at AC 220 V

Weight:

6600Lb / 3000Kg aprox

Max temp:

450°F / 240°C

Air supply System:

Up to 100 PSI ²

Frequency:

50-60 Hz.

Voltage:

3 phases 220V.

Productivity:

11" up to 137" per min / 0.3 up to 3.5mts per min¹

Available references:

- HI06731P
- HI08724P
- HI11018P

Transfer system:

Roll to Roll

Startup time:

90 / 120 minutes aprox ³

Dimensions:

72"x 178"x 87" / 183cm x 453cm x 223cm

Load rollers:

4

Take rollers:

3



1. Depending on the type of work to be carried out and characteristics of the supplies used.
2. Required for installation.
3. Depends on input voltage and ambient temperature.



www.heatertex.com



sales@heatertex.com