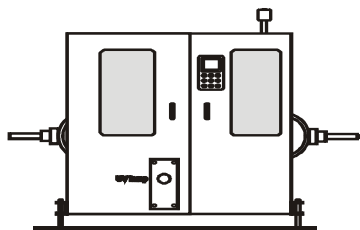


APPLITRON 600

APPLITRON 600
TRANSFER MACHINE
FOR "HEAT DIGITAL TRANSFER" SYSTEM



41100 MODENA (ITALY) - VIA REPUBBLICA DI S. MARINO, 35-33
Tel. +39 059 450830 – Fax. +39 059 450839
Sito web: www.gmcprinting.com e-mail: info@gmcprinting.com
C.C.I.A.A. 176904 - REG. DITTE 17690481- C.F.- P.I 00677040362



APPLITRON 600

TRANSFER MACHINE FOR PLASTIC OR METALLIC, FLEXIBLE OR NON FLEXIBLE CARTRIDGES, TUBES AND BLOW BOTTLES. HEAT DIGITAL TRANSFER SYSTEM

This is one possibility of "HDT" HEAT G.M.C. DIGITAL TRASFER, patented either for method and for device.

The **APPLITRON 600** machine is suitable to thermal transfer digital images printed onto coil of siliconised paper by DIGITRON printers from paper to flexible or non flexible cartridges, tubes and blow bottles made of plastic materials like PP-PE-HDPE or of metallic material pre-painted with paint chiefly made of polyhester and water.

The working cycle is made of the following steps:

- Automatic hold of pieces and their charging in the piece-holders;
- Thermal treatment of pieces in the pre-printing station;
- Thermal transfer in the printing station;
- Thermal treatment in the post-printing station.

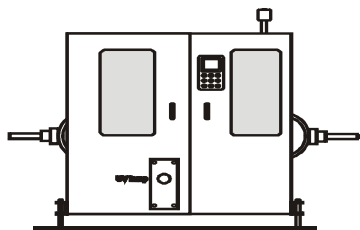
The loading system of pieces can be manually in the semi-automatic version or automatically in the automatic version, in this case the pieces are took from the conveyor system suitable made.



The post-printing thermal treatment allows a lasting adherence of the image onto the containers, guaranteeing solidity and brightness to the colours for a long time. Technical tests to verify the adherence of colours either to UV sun rays and to temperature variations from 0°C to 150°C have showed excellent results for years.

It's available an additional equipment to make more glossy the colours and more protected than the standard level that is a lacquering unit ([LACQUER UV](#)). Lacquering process is simple to use, fast so to don't decrease the production process and at very low cost, infact it account very little over the final cost of the product.

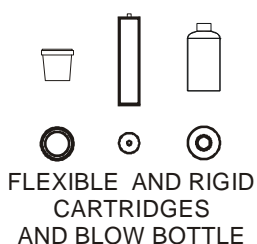
The motion of pieces is made by a nex INDEXED system so that the system is very strong, with high mechanical precision so to guarantee a good printing-accuracy other than big productivity.



APPLITRON 600

APPLITRON 600 machines are provided with the following equipments:

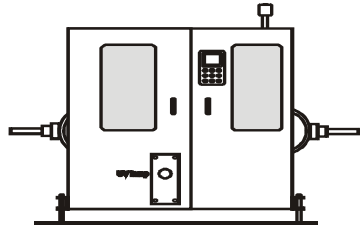
- Electric devices and cycle controlled by PLC;
- Pre-printing treatment unit of containers;
- Post-printing treatment unit of containers;
- Touch-screen display to modify any working parameter;
- Colour interface to check any cycle parameter.



TRANSFER MACHINE FOR PLASTIC OR METALLIC, FLEXIBLE OR NON FLEXIBLE CARTRIDGES, TUBES AND BLOW BOTTLES.

Cycle speed	80 pieces/minute with 20mm diameter
Plastic Material	Plastic: PE-HDPE-PP-LDPE-PS METAL pre-painted with paint chiefly made of polyhester and water
Sizes	15mm -80 mm DIAMETER 30mm-230mm HEIGHT
Suggested environmental temperature	Min 15°C- Max 34°C
Piece's temperature	Min 15°C
Livello di rumore	40db
Electrical INPUT	220/240V - 380/440V 50/60Hz
Peumatic input	6atm no-water, no-oil, 300nl/min
Applitrone sizes	2.400mm(L)x 1.400mm(W)x2.100mm(H)
Weight	kg 1.000

INDICATIVE DATA AND SUBJECT TO MODIFICATION



APPLITRON 600

LAYOUT

