

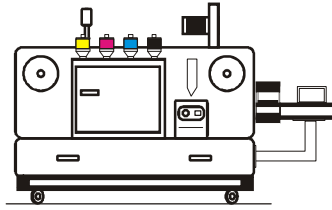
DIGITRON 945

DIGITRON 945
DIGITAL PRINTER
FOR HEAT DIGITAL TRANSFER



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

G.M.C. s.n.c. di Maccaferri G. & C. via Rep. di San Marino 33-35, 41100 Modena - Italia



DIGITRON 945

DIGITAL PRINTER HEAT DIGITAL TRANSFER SYSTEM

Universal Digital Printer for Heat Digital Transfer patented either for method or for device.

Ideal solution to quality, profit and productivity for industrial field.

This machine prints digital images on siliconised paper coil of commercial material, no special product, with no need of any release, to be then applied onto tri-d objects such as plastic containers ([APPLITRON700-960-1000](#)), plastic or metallic tubes, cartridges ([APPLITRON 600](#)), or multimedia supports such as CDs, DVDs, CDRs,... or ceramic tiles ([KERATRON](#)).

The coils can be stocked for months without deteriorate with preservation rules very easy and with low cost, in fact they have to be repaired from direct sun light, preserved from dust and humidity.



DIGITRON 945 has a printer inside of electro-static type with four drums integrated inside the image units, it has a transfer belt puts between the image units and the paper for the images. The ink used is dry toner of four colours: Cyan-magenta-Yellow and Black.

This machine can work with TONER of all commercial brands, although GMC re-sell a TONER with **certificate for food approval**.

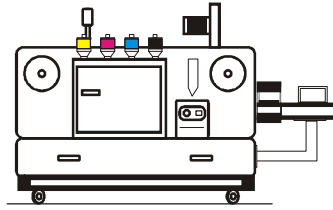
The machine has been mechanized with a group, electronically controlled, that unwinds new paper coil and synchronize this motion with that of the fuser-group onto the images printed on paper to make adhere the ink to paper and the exit rewind the printed coil.

DIGITRON 945 is connected with a PCWINDOWS/MAC from which digital images are sent to be printed and, by a standard interface ETHERNET (10BASE-T,100BASE-TX), USB 2.0 or IEEE 1284 (Compatible/Nibble/ECP) sent to the printer RIP. The machine self adjust the colours while it is working. The machine is supplied with COLOR WISE PRO TOOL ® software by which the operator can select among different colour profiles those right for the file to print or modify and save this one to obtain the colours as wants.

Maintenance is extremely reduced and easy: **NO SPECIAL TOOLING**

The image units have a chip to control they working life, the machine advises when they are to be replaced without special toolings.

Supplying of TONER is done while the machine works by external tanks which have a working autonomy of approx 4 hours (time depend from file to print).

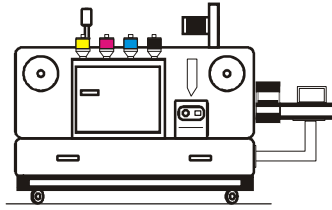


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DIGITRON 945 benefits:

- High Quality of images;
- Efficiency and productivity;
- Easy to use;
- Self-adjust of colours' balance;
- Full time performance;
- Automatic refill of ink;
- Print On Demand;
- Plastic objects **TOTALLY RECYCLABLE**
- No solvent
- **MAINTENANCE WITHOUT special tooling**
- **TONER OF ALL COMMERCIAL BRANDS**
- **TONER with food approval** it's available
- **Production cost extremely COMPETITIVE**



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SPECIFICATIONS	
Printing process	Elettro-static with DRY INK TONER
INPUT: file	PC WINDOWS/MAC
OUTPUT:	Image printed onto paper-coil
Max printing speed	215mm/sec plus pauses
Max printing length	900mm two pages
Max printing height	280mm
Max coil length	1.350mt
Max coil height	300mm
Paper Coil	Siliconised commercial paper
Immense resolution	600X1800 DPI equivalent
Gradation	256 gradations
Ink	Dry thermplastic TONER : C-M-Y-K
CPU	PPC750FX/600MHz
Memory	512MB (standard)
HDD	40GB (standard)
Graphic Format Of Files	JPEG/TIFF/PDF/ FH8,9,10/ CDR, AI
Printer Language	PCL XL emulation, POST SCRIPT 3 emulation
Network Protocol	TCP/IP, IPX/SPX (NDS),SMB (Net BEUI), LPD, IPP1.1, SNMP,HTTP
Life time of COLOR units C-M-Y	25.000 A3 wide FORMAT
Life time of COLOR unit K	50.000 A3 wide FORMAT
Pneumatica INPUT	6 atm- no water- no oil
Elettric input	440-380Volt trifase 50/60Hz 3phases + neutral+ ground
Elettric power	6 kW
Environmental	Temperature (min) : 15° C- (max): 28° C; Humidity: (min) 20% - (max) 65%
Environmental dust	0,15 mg/m ³
Dimentions	3.000mm-1.800mm-1.800mm
Weight	1.000Kg

INDICATIVE DATA AND SUBJECT TO MODIFICATION