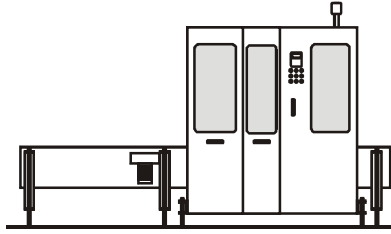


APPLITRON 700

APPLITRON 700
TRANSFER MACHINE
FOR "HEAT DIGITAL TRANSFER" SYSTEM



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APPLITRON 700

TRANSFER MACHINE FOR PLASTIC CONTAINERS HEAT DIGITAL TRANSFER SYSTEM

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

Following ten years of R & D either in Europe and the USA it's now possible to use Heat Digital Transfer system to decorate plastic containers of any shape: **CYLINDRICAL, TRUNCATED-CONE, OVAL, SQUARE RECTANGULAR.**

APPLITRON 700 is a machine to transfer digital images pre-printed with GMC-DIGITRON .

The machine may be placed **downstream the moulding machine or outside the production line** in the factories such as paint factories, chemical industrial plants etc. or in any case where the containers come from a warehouse and are kept onto pallets.



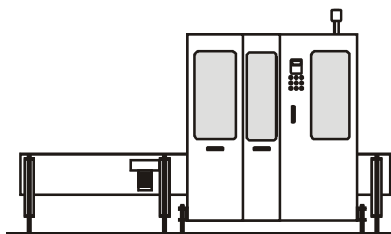
In case it has been placed **inline with the moulding** machine there will be a ROBOT that position the containers on the loading conveyor belt.

In case it has been placed **outside** the line of the moulding machine, the machine may be fed manually or automatically by an automatic de-stacker ([DAN](#)).

The operator puts the pre-printed coils, printed by DIGITRON printers by oneself or bought by GMC LABEL SERVICE, inside the paper way by simple operation of loading paper. This operation needs for no more than a few minutes. Then the operator check the temperature of the fusor-group and can run the automatic cycle. **APPLITRON 700** has been manufactured to integrate digital printing in a very automatized solution.

The automatic control "NO CONTAINER -NO PRINT" avoid waste of material, energy and time while the operator is advised so to quickly come.

APPLITRON 700 is equipped with a mechanical plaser at high speed either for containers and for the countra-roller, inside the containers, that counter balance the pressure one so that the cyclic speed for 16lt containers is maximum of 900cy/h.



APPLITRON 700

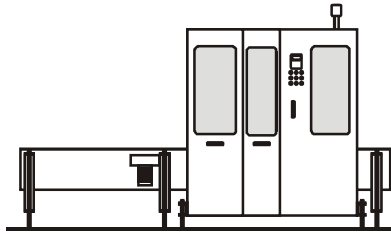
A few mechanical regulations are necessary during change of formats by graduated registers and micrometric screws whereas the other cycle's parameters are electronically controlled, these are stored in the control logic and so they are selectable in the operator interface that is a colours TOUCH SCREEN display.

The machine can work with containers with or without handle either plastic or metallic.

It's available an additional equipment ([RAN](#)) to stack containers to put them in stock onto pallets.

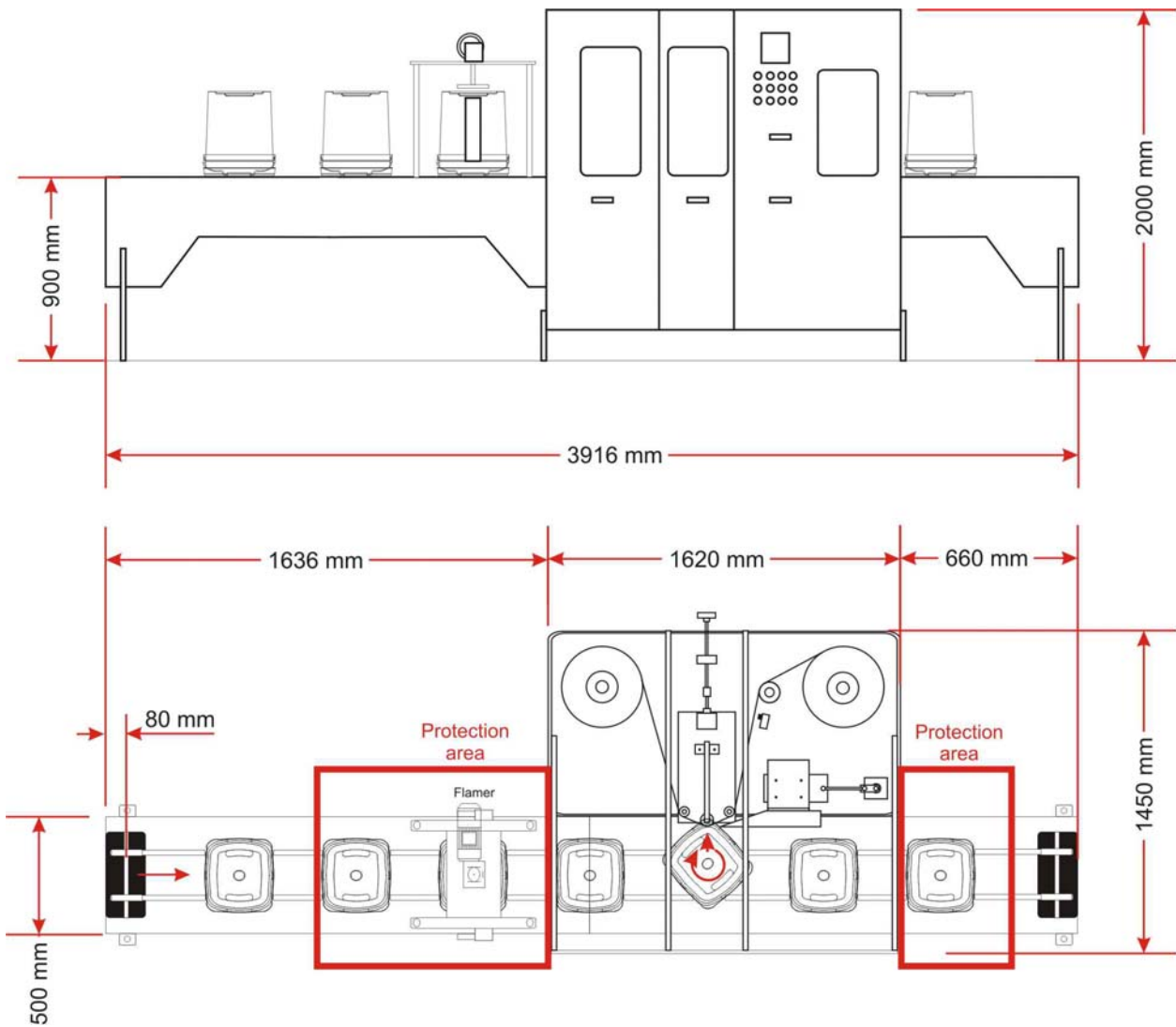
Technical specification	
Cycle speed	900cy/h for containers of 16lt
Sizes of images	230mmX 900mm max (9,05 "X 33,07" max)
Noise	40db
Electrical INPUT	220/240V 380/440V 50/60hz
Pneumatic INPUT	6atm no-water, no-oil, 300nl/min ⁻¹
Containers shape	CYLINDRICAL, TRUNCATED CONE, OVAL, SQUARE, RECTANGULAR
Dimensions of containers	Lmin= 100mm Lmax= 400mm Hmin= 100mm Hmax=380mm
Plastic materials	PP-PE-HDPE
Automatic control	No container-no print
Applitron sizes	3.550mm(L)1.350mm(W)x1.900mm(H)
Operator interface	COLOURS TOUCH SCREEN
Weight	kg 1.100

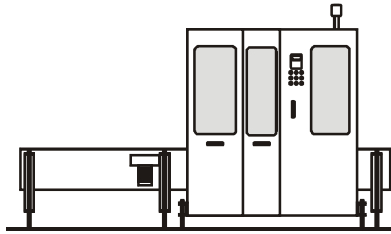
INDICATIVE DATA AND SUBJECT TO ADAPTATION



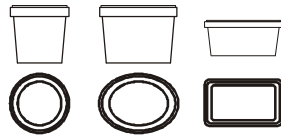
APPLITRON 700

LAYOUT





APPLITRON 700



TRUNCATED - CONE,
OVAL, RECTANGULAR

