

# CUGHER's timeless classic for home appliance glass

With its Compact silk-screen printing machine series CUGHER has perfected a timeless classic for the Home Appliance sector for the realization of cooktops as well as glass for kitchen ovens and other household appliances - all of which have gone a long way over the years towards satisfying key producers within the sector.

## FLEXIBILITY

Among the product's successful characteristics is its great flexibility, given that different Compact versions have been designed for use as machines that are both stand-alone and integrated within the entire plant. More specifically, for the former of these versions the machine has an extractable printing table to manually load and unload the glass, which is then immediately centered and

brought to print, whereas the semi-automatic version has the same extractable table for manual loading as well as an automatic belt transportation for unloading the glass directly within the dryer. Lastly, the fully-automatic version is equipped with a belt system perfectly integrated within the other line components which allows for automatic loading and unloading of the glass - all closely following production times.

## FROM 100X300 MM TO 1300X700 MM

From the vantage point of production, and depending upon glass dimension, process or operator speed, the Compact Series printing machine can produce from 500 to 700 pieces per hour for huge batches. And as for meeting different glassmaker needs, Cugher has designed Compact models that can manage minimum glass dimensions ranging from 100 x 30 mm (i.e. 3.93 x 1.18 inches) to models capable of processing glasses of 1300 x 700 mm (i.e. 51,18 x 27,55 inches). The machine allows for the printing of both squared and rectangu-

lar glasses, each of which is typical within the home appliance sector, but it's also able to manage glass of different shapes - whether for a more attractive design or for productions tailored to other sectors such as the automotive or nautical industries. As to its use, the Compact is extremely practical, allowing for easy maintenance as well as simple command access - both of which rank among the leading features for small production batches that require a swift changeover.

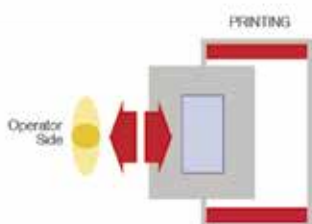
## OPTIMIZED PRINT QUALITY

Studies conducted by Cugher on silk-screen printing



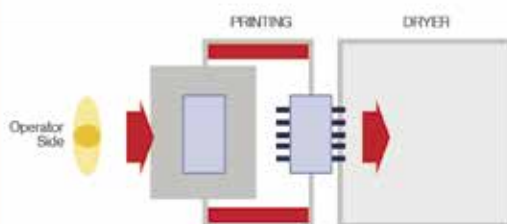
### Stand-Alone

Manual loading and unloading, on the operator side, with extractable printing table.



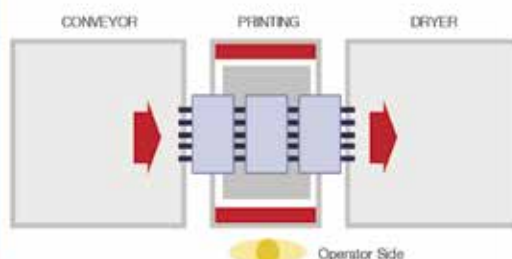
### Semi-Automatic

Manual loading and unloading of the glass, on the operator side, with extractable printing table. Automatic rear discharge with transport belts.



### Full-Automatic

Automatic glass loading and unloading by a belt transportation system.



over the years have led to the application of advanced technologies which guarantee excellent printing that can boast perfect image definition, a uniformity of ink over the entire surface, high coverage, as well as a product that's both durable and efficient.

The Compact Series has generated great interest from players within the Home Appliance industry - from big market leaders to middle-sized glassworks - thereby stimulating the kind of continuous improvement regarding engineering that can ably afford the product a

high level of automatism and performance - both of which are characteristics that enjoy high acknowledgement within the market.

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