

Cugher

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**PROUDLY ANNOUNCES
NEW AGREEMENT WITH CRISTAL
LAMINADO O TEMPLADO
FOR A NEW LINE IN MEXICO:
THE NEW SERIES G 130X200
DOUBLE LITE EDITION**



CUGHER AND CRISTAL LAMINADO O TEMPLADO NEW AGREEMENT FOR AN AUTOMOTIVE PRINTING LINE

Cugher Glass is proud to announce that a new agreement with Cristal Laminado o Templado (PGW Group) has been concluded.

This long time relationship gave to Cugher the opportunity to supply two automotive printing lines in the last few years (PGW US, Elkin and PGW Poland, Komorniki) and now everything's ready for the third one. This time Cugher's italian silkscreen printing machinery will fly to Mexico, with a spe-

cial cutting edge project, tailor made for the automotive sector: the Series G 130x200 DLE "Double Lite Edition."

This special silk screen printing machine has been engineered to allow the processing of two small glasses contemporaneously or one big single glass. It is composed by an entry/squaring conveyor, a printing body and an exit synchronized conveyor.

The purpose of the pre-centering conveyor is to perform the correct alignment of the two glasses before they are moved to the centering device.

The centering system for double glasses is equipped with 18 brushless motors (18 axes) that allow the perfect centering of two glasses, positioned side by side, or one single glass.

This automation allows a very fast setup of the machine even with the two glasses. Since the position of the pins will be then stored into a recipe system, the operator will simply recall the recipe and the pins will

position themselves automatically.

Easy to be used and ergonomic, it is provided with dimensional auto-learning function

controlled by the operator panel.

To match the high flexibility of this machine with the high precision requested by the industrial process, also the transport system has been especially engineered.

In case of processing two glasses, they will be collected by two walking beams while they are still in the centering device of the inlet conveyor; thanks to this operation it is possible to transport the glasses with great accuracy. No further glass registrations are necessary before the printing process.

In case of processing one single glass, the two synchronized holders will act as one big single holder (aka "spider"), transferring the centred glass from

the centering system to the printing table.

The whole DLE silk screen printing line has been consequently projected and designed to handle both single and double glasses, giving the opportunity to have an extremely flexible production and reducing costs.

LINE MAIN FEATURES GENERAL

Printing repeatability $< +/- 0,08$ mm

Printing head:

Constant pressure during printing

Independent speed adjustment

Anti-drop system

Squeegee run length auto learning

Screen:

Screen extraction without loss of register

Automatic peel off adjustment



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