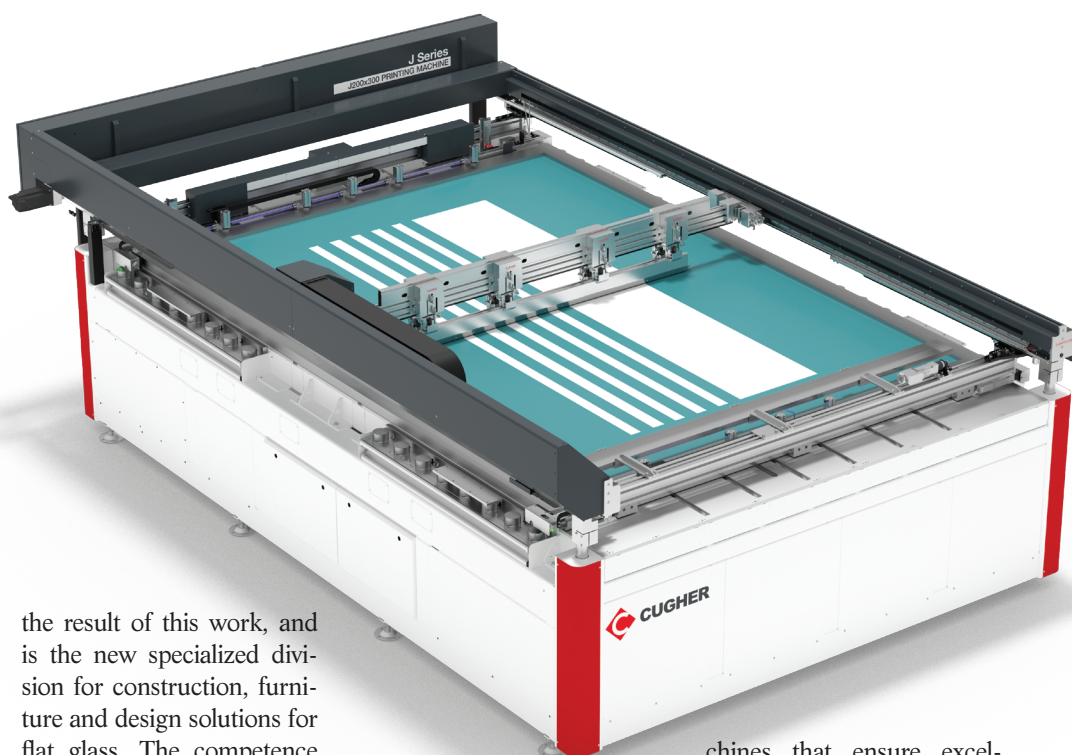


CUGHER GLASS presents the Architectural LAB

A RCHITECTURAL LAB, THE NEW SPECIALIZED DIVISION FOR BUILDING&INTERIOR DESIGN

Cugher Glass, Italian company founded in 1967, is one of the first to automate the process of silk-screen printing on flat glass and is recognized as a par excellence player at global level in the Automotive sector. This role has been conferred thanks to a flexible engineering approach and to the maximum attention for customization, that made the company innovative and always in step with times and market demands. Today, the same approach that positioned Cugher at the forefront of the Automotive sector is at the basis of the Building&Interior Design division, which makes tailor-made solutions for silk-screen printing, drying and handling on float, tempered, laminated glasses, with civil and industrial applications, like windows and balconies, or furnishing elements and shower enclosures. The Architectural LAB is



the result of this work, and is the new specialized division for construction, furniture and design solutions for flat glass. The competence developed by the company through important projects with prestigious clients over the years is now available in a highly specialized research centre for the creation of specific solutions, perfectly matched with the customer's needs.

Cugher's goal is to create customized solutions at very high precision, reliable and long-term durability in the Building&Interior Design sector. Each project comes from a careful analysis of the customer's needs. Through the Opportunity Check the customer receives a free

study, so that the technicians can elaborate the most advantageous solution in terms of opportunity and costs.

CUGHER MACHINERY

Each Cugher machine or plant for Building&Interior Design guarantees minimum maintenance, ease of use, precision and efficiency, as well as a system for customer information and a fast after-sales assistance through a specialized help Desk team. Applications for the reference sector include:

- Silk-screen Printing Ma-

chines that ensure excellent image definition, print repeatability and uniformity of the ink over the entire surface of the glass. The Sketch Series (glass dimensions: min 660x550mm – 25.98"x21.65", max 2700x1600mm – 106.29"x62.99") is ideal for the printing of shower enclosures, allowing to use the frame for different glass types. The J Series (glass dimensions, depending on model type: from min 400x300mm -15.74"x11.81", to max 2500x4000mm - 98.42"x157.48") key ma-

The know-how that recognizes Cugher as a customer-oriented plants and machinery producer in the Automotive sector has been applied for the Building&Interior Design division. New solutions have been developed to guarantee efficiency and precision and those products will be presented at Vitrum 2021.



ARCHITECTURAL LAB
Performing Glass Technology

chine also for the Automotive sector, is optimal for large glass formats and guarantees a high productivity.

- The Automated Harps Rack System allows the insertion of glasses in the insulating glass line, eliminating the manual loading activity.
- Conveyors with belts or rollers, for loading and unloading, for any glass dimension, that can be integrated with all line components inside the plant, ensuring minimum contact surface and, at the same time, maximum grip.
- Modular IR and UV Dryers according to customer's needs, ideal both for silk-

screen printing (ink thickness 20-30 micron) and digital printing (ink thickness 60-100 micron).

- Vision systems for quality control and broken screen detection guarantee precise final results, without smears, missing part of the design or excess ink.
- Order Manager 4.0, which is the interface between machinery and customers' operating systems, perfectly consistent with Industry 4.0, allows greater flexibility, higher productivity, better quality and minor wastes. The results of the research carried out by the Architectural LAB with its products



and services will be presented at Vitrum 2021, the international glass exhibition that will take place in Milan from 5 to 8 October and that will also include, for the first time, Milan Vision Glassweek, a series of

events related to the glass theme. Cugher will welcome visitors with news and exclusive activities, entering the Building&Interior Design sector with technologically developed and highly performing solutions.



Cugher Glass Srl



CUGHER
Plants for glass screen printing

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