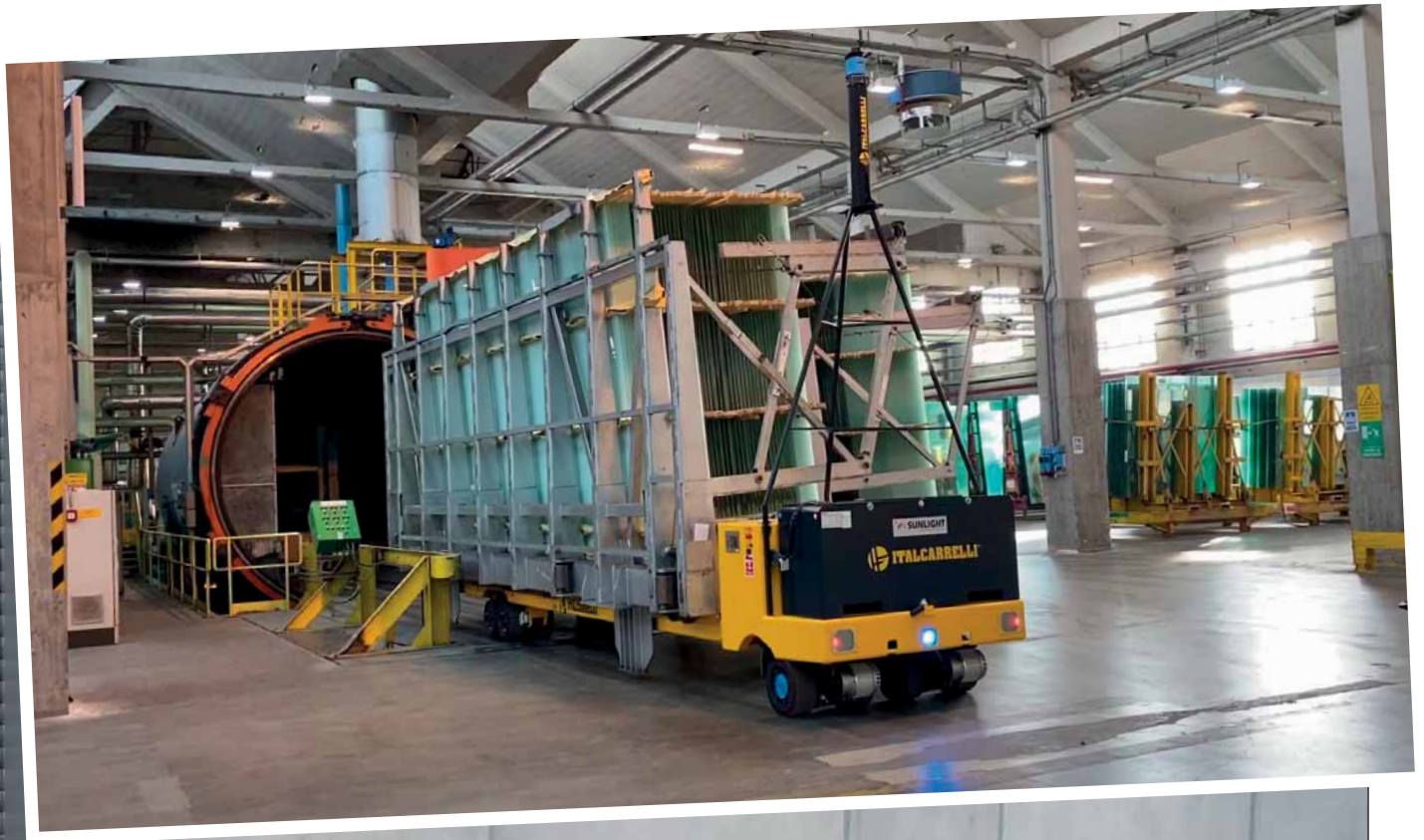


ITALCARRELLI

TPEN INDUSTRIAL TRANSPORTERS FOR LAMINATED GLASS HANDLING IN AUTOCLAVES



Experience in the glass industry, combined with continuous investments searching for innovative solutions, have provided Italcarrelli with the knowledge and skills to supply its products to the most important global manufacturers.



Italcarrelli® is well known for its speciality machines for a great variety of industries including transformers, foundry, aerospace and, of course, glassworks, being specialized in the handling of flat glass. The company is the optimal partner to rely on thanks to many years of experience in this field and with numerous transport solutions realized for both local manufacturing companies

and multinationals, for the most different applications.

LAMINATED GLASS HANDLING - IN AUTOCLAVES

Even for the handling of laminated glass in autoclaves, the company is able to support each customer with custom-built industrial transporters thanks to the numerous projects handled and the knowledge thus acquired.

The engineers of the Italcarrelli's Glass Division first analyze the features of each customer, including specific technical and performance needs, the context of use and the production operation. Then they design the most effective logistic solution for the production process, intervening in an intelligent and targeted way. Systems that aim to simplify the handling operations and pay

attention to the safety factor given the particularity of the operating context.

THE TPEN SERIES

TPEN vehicles are the ideal transporters for laminated glass handling, and are equipped with patent-pending 'Sicur-Lift' lifting system assuring a double mechanical and hydraulic safety for maximum load stability in all circumstances. They have constructive,



Italcarrelli SpA

ITALCARRELLI®
TOP HANDLING SOLUTIONS SINCE 1962

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dimensional characteristics such as to be able to deposit the racks with glass inside the autoclave and remove them once the process is finished with high flexibility and safety standards.

Transport vehicles with a capacity of 15-30-50 tons and even more, used for handling DLF/LES sheets to jumbo sheets, thanks to the size of the platform which can be customized according to the needs of the individual customer.

Versions with a radio-controlled driving system or LGV (laser-guided) are available, used both for flat glass applications and for automated loading/unloading of the material from the autoclave. With a very resistant frame, high stability and quality components and thanks to the high manoeuvrability and visibility given by special sensors, the positioning inside the autoclave is extremely simple and easy

for the operator, reducing manoeuvre times and optimizing personnel and

costs and ensuring the highest levels of safety and reliability.

ITALCARRELLI®

ITALCARRELLI® is a global leader in the design and manufacturing of machines and solutions for glass handling and storage in the most diverse industrial applications. Thanks to many years of experience in the industry and to investments searching for innovative solutions, the company has acquired remarkable knowledge and it supplies its products to the most important manufacturers all over the world.