

Customers wowed by **RCN** machines for special products

In delivering advanced machinery for bending, laminating and chemical tempering of glass, RCN also supports safety, durability and design flexibility. The company's versatile systems serve diverse industries, combining precision engineering, production scalability and exceptional customer service - all to meet a growing demand for specialized, high-performance solutions.

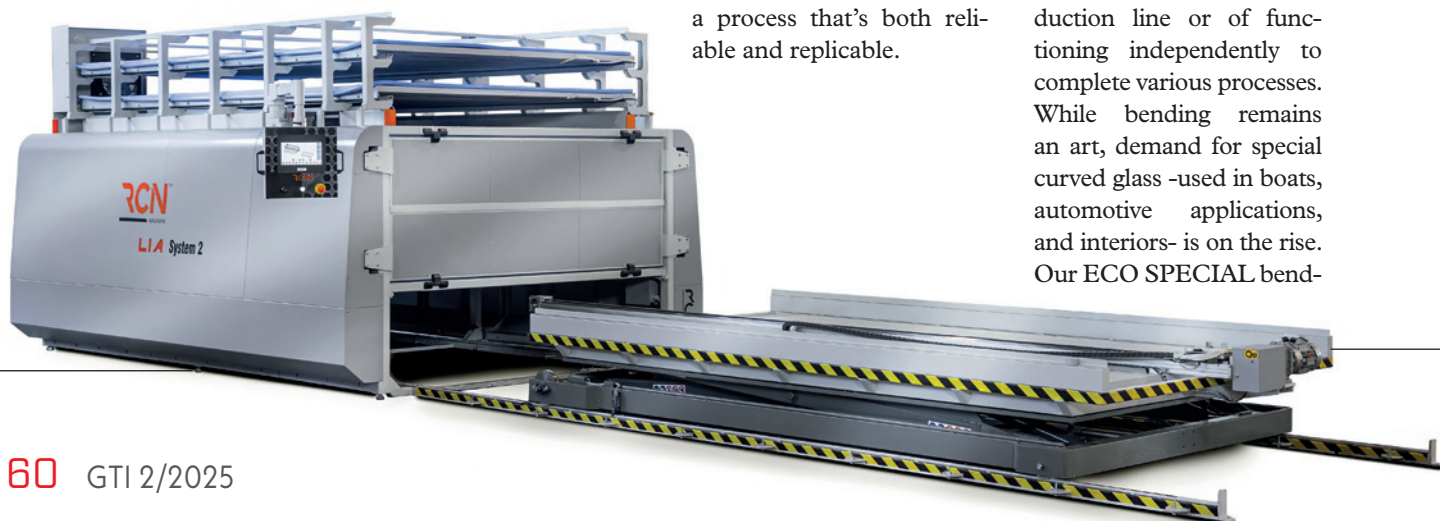
When thinking of glass, one typically envisions a certain brilliance - something clean and smooth that either warms or cools, offers superb views or will shape some skyline in a way that perfectly harmonises both external and internal

spaces. Indeed glass leads in that respect as a sustainable material - precisely because it has such coveted qualities as cleanliness, transparency and energy efficiency. Consequently, special products and safety glass both represent key drivers in the glass market. Yet while glass will lend it-

self to many applications, it nonetheless remains a fragile material unless it is processed to become stronger and more functional. That said, safety can hardly be improvised. To produce special products and safety glass, the right machinery remains essential - namely machinery that can ensure a process that's both reliable and replicable.

THE ART OF BENDING: PRECISION SOLUTIONS FOR CURVED GLASS

Here RCN SOLUTIONS offers a wide range of options, namely bending, lamination and chemical tempering - all capable of forming a complete production line or of functioning independently to complete various processes. While bending remains an art, demand for special curved glass -used in boats, automotive applications, and interiors- is on the rise. Our ECO SPECIAL bend-





partnership with a specialist in chemical tempering systems, this process was once limited to thin glass. It now accommodates all thicknesses and plays a leading role in sectors demanding both specialization and safety. Chemically tempered glass is especially valued by architects and designers of high-end products like yachts, due to its visual clarity and elegance.

LAMINATING FOR SAFETY AND ELEGANCE

Since chemically-tempered glass alone is not considered fully safe, it must also be laminated - thereby completing the safety cycle. For lamination, RCN provides a broad selection of machines in various sizes and configurations, offering several enhancements to boost production. From entry-level SMART LINE machines to oversized MULTIPLIED LINE systems, POWER-LAM LINE's turnaround system and the semi-automatic or automatic LIA LINE series - each engineered for long-term performance and durability. Every RCN machine is built with meticulous care and attention. From newcomers to seasoned laminators, customers can all find tailored technical solutions. These include special features like RD CLEAN CONCEPT - RCN's patented clean-edge system. Based on a next-generation bag, RD

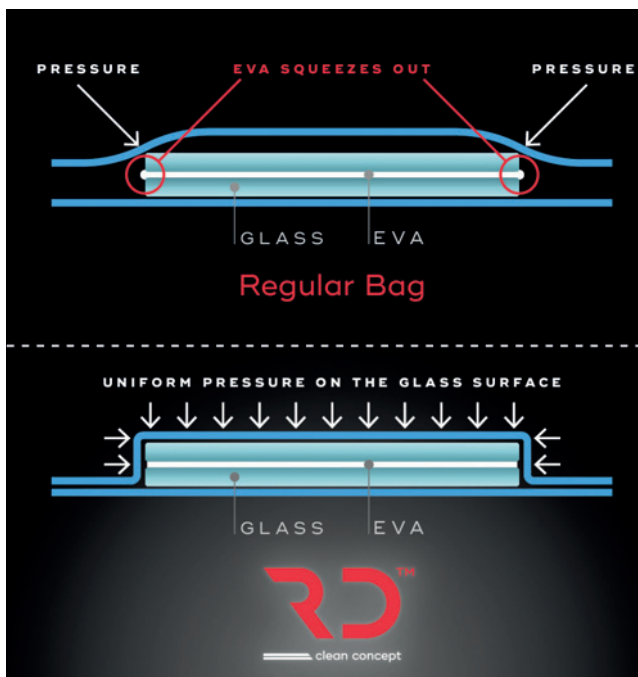
ing line can create the most complex curves, thanks to a sophisticated heat distribution system designed to concentrate heat precisely where it's needed, ensuring flawless results. For those

requiring high-volume output, particularly in series production, the Rotary Bending System is the ideal solution. This self-excluding, twin-axled machine features four working positions

with controlled movement, producing output every two hours.

CHEMICAL TEMPERING: EXPANDING THE BOUNDARIES OF GLASS STRENGTH

Whether flat or curved, glass must undergo treatment. And to guarantee results, precision machinery is essential. Chemical tempering constitutes a vital step in making glass more impact-resistant, with additional post-treatment advantages: total flatness of the surface, no distortion, and Stress-free - all paired with high mechanical resistance. Here RCN offers a range of chemical tempering systems in various sizes, catering to all needs - from flat to curved glass and from 0.5 mm to thick panels. Introduced in 2017 through a





CLEAN CONCEPT reduces interlayer excess after lamination. The offering also includes loading/unloading conveyors, storage with additional laminating shelves, and, most

notably, semi-automatic or fully automatic laminating machines. Effective lamination relies on the use of interlayers designed to withstand even the harshest weather con-

ditions. REVA BF meets all requirements and is distinguished by its consistent quality. One must not underestimate the importance of the kiln-interlayer pairing; both are crucial to achieving optimal results. Transparency and adhesion are now standard features, but choosing REVA BF also means gaining access to support and detailed guidelines for each project. So, all said: what, then, is the true strength of RCN? Its production flexibility and commitment to helping customers improve their work - here numbered among many possible reasons to choose an RCN machine not only because of the

high quality but also because of the outstanding service. Behind each machine there is a team of people - an essential component of the business, especially after a sale. It means being there for customers, offering guidance, solving problems - and working together to address every need.



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