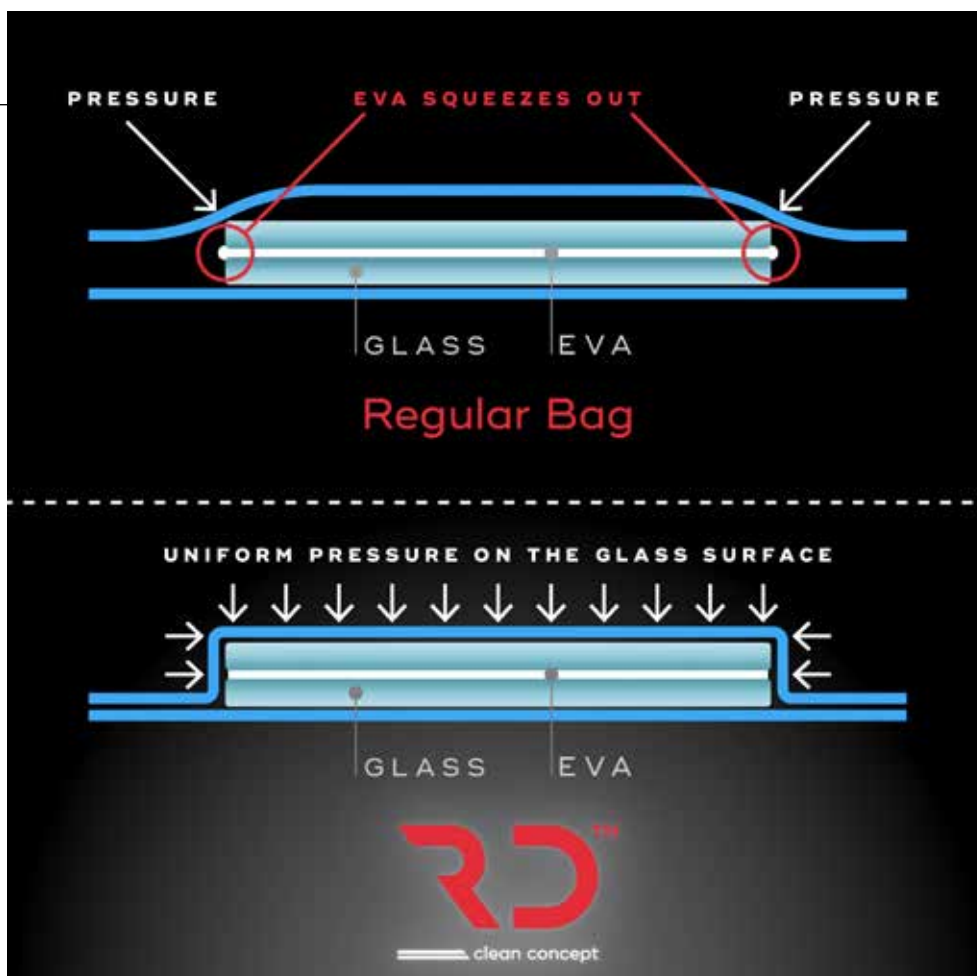


# Driving growth at **RCN SOLUTIONS** through innovation and tradition

**RCN SOLUTIONS' new rotary bending system with four positions embodies generational change at the company as well as its made in Italy ethos - ensuring high quality standards while reflecting an evergreen commitment to excellence.**





REVA BF. Certified to both European and US standards, the product combines RCN machine technology for lamination that can reach zero rejections - a most significant feat when one considers that lamination is the last job after washing, cutting, drilling, edge-shaping and tempering. Consequently, a poor result would involve unwanted costs. Here 6+6 mm glass can be processed in 75 just minutes with low energy consumption, given that maximum consumption occurs within the first 20-minute ramp, whereupon the kiln will later check the process and adjust due temperature by an on/off system. With RCN, customers have many model machines to choose from - all of different sizes and with a layout that will satisfy most glaziers worldwide, who can rely on a service that's tailored to production needs.

## CHEMICAL TEMPERING

As for special jobs, the chemical tempering process can offer several guarantees, namely robustness, excellent optical rate, high mechanical resistance to impact and such added specifics as the possibility to drill after tempering. Today chemical tempering of glass garners much interest given that very thin

With their typically fresh ideas and ways of working, family companies are often prime witnesses of generational change. The same can be said of RCN Solutions, where a young new team is currently flanking a more senior group with both feasibility studies and innovations - all to respond to different needs. Indeed much that's new is coming out from RCN Solutions. The company's very structure - attentive to the ever-changing needs of the market - is internally-wired to drive improvement: whether in offers, production, lead time or service.

## RD CLEAN CONCEPT

Since 2021, RCN has taken

forward such novelties as RD Clean Concept - a patented bag-system for clean edges in lamination. The product has met with great success thanks to reduced labour time, cost cuts and superb glass flatness at the end of the process. Installable in most laminating machines currently available on the market, it helps glass flatness too. RD Clean Concept was the result of studies into different materials, specifically a rigid module combined to a flexible one. Between the two modules thickness and elasticity are variable according to compression homogeneity on the glass - which also prevents the laminating interlayer from getting thinner owing to pressure from oth-

er bag types pressed mainly at the edges (squeezing renders the lamination interlayer thin at the edges and so potentially disqualified in measurement terms for safety glass). RCN machines have also been subject to development, multiplying to allow some companies to laminate jumbo size glass, built in modules of up to six metres and over and all with an attractive body design. Here's where Multiplied, much like other RCN machines, is equipped with optimum quality components - along with RCN Easy App Connect for remote control.

## REVA BF

Since 2011 RCN has been distributing its own laminating interlayer,



RIVA BY RCN  
CHEMICAL TEMPERING LINE

glass -from a minimum of 0.5 mm- can now lighten certain final installations without compromising safety. Despite the relatively long process time the benefits remain very significant as compared to other hardening solutions. After the lamination process, chemically-tempered glass becomes high-safety glass. Being very strong, chemically-tempered glass that's laminated is difficult to break. It will also stand in place before collapsing - offering time enough for people to repair to safety.

### BENDING ROTARY SYSTEM

RCN Solutions has enduring experience in manufacturing bending kilns. Here the company's Eco Special line has been studied and built with different heating areas in order to perform complex curves. But where the company really raised the bar recently was with its rotary bending system - a self-excluding, twin-axe machine that's equipped with four working positions and controlled movement. Its size is 4000x5500xH2000 mm.

Of these, the first was delivered and installed at the end of January 2024 at an Italian company that works in the automotive and yacht industry. Composed of four stages, loading/unloading, heating up, bending and cooling, the new machine has launched RCN into a new age, namely automation and automatic transfer - all perfectly in line with the times. Here, RCN machines and equipment jointly contribute to guiding customers to a production that troubleshoots imperfections

- meaning saving in both time and costs. It also facilitates provision of an important service, namely that of supporting customers faced with potential difficulties associated with specific jobs that may necessitate prior discussion.

### MADE IN ITALY

Here evolution and development are both carried out with a close eye on the Made in Italy priority, which comes as a synonym for quality, research, care and service: all with that signature Italian touch of creative ability - that one tradition today's new RCN generation could never do without.

Visit  
RCN Solutions

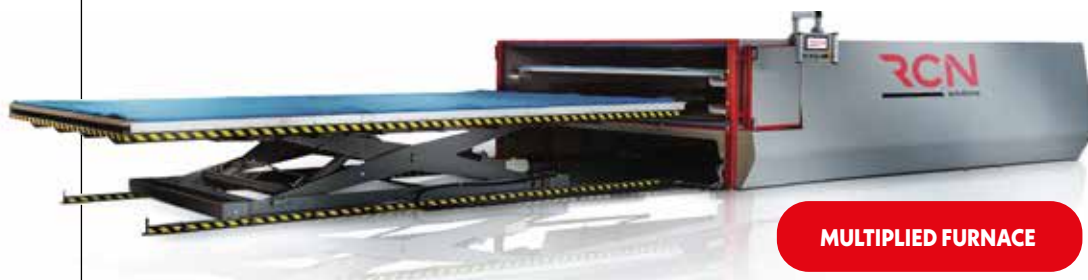
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