

Roller coating for glass has **ROLLMAC** pioneering excellence

A leader in roller coating technology, ROLLMAC overhauls glass finishing with its state-of-the-art reverse roller coating systems. Offering precision, efficiency and Industry 4.0 integration, its advanced solutions ensure flawless, high-quality surfaces while optimizing production flexibility, automation and maintenance for both architectural and industrial applications.



After decades of expertise in roller machine design, Rollmac has made a lasting mark on the glass industry with its advanced reverse roller coating technology. An innovative method, it employs an engraved roller that rotates counter to the movement of the glass sheet - enabling the application of thick enamel layers (up to 220 microns) in a single pass. The result is a mirror-like surface of exceptional quality - free from imperfections such as streaks, lines or inconsistencies.

INNOVATIVE TECHNOLOGY FOR FLAWLESS COATING

Among the standout features of this system is its ability to reprocess a previously coated glass sheet without requiring a wash cycle. In the event of defects or errors, the process removes the existing enamel layer and reapplies a fresh coating - eliminating the need for overcoating. Here Rollmac offers a diverse range of roller coating solutions to accommodate various production needs.

Indeed the company's portfolio includes three primary models, namely Multiglass, Colorglass and Jumboglass.

- Multiglass is the ideal machine for those seeking maximum operational flexibility. Designed for enameling, coating, and pattern printing on glass sheets, it accommodates up to three different engraved rollers, allowing for quick roller changes to adapt to different processing requirements. An optional automatic

roller cleaning system is available, performing the operation autonomously without operator intervention.

- Colorglass is a single-cylinder machine, best suited for applications where frequent adjustments to enamel volume are not required. It is ideal for research and development projects, small-scale production, and industrial applications.

- Jumboglass represents a new generation of single-cylinder rollers, engi-





needed for coating and enameling large-format glass sheets ('jumbo' size). These sheets are commonly used in architectural applications, including skyscraper facades and structural exterior glazing. Like all Rollmac roller machines, Jumboglass is equipped with an anti-drip device

that ensures uniform and precise coverage, preventing paint accumulation at the sheet's entry and exit points.

ADVANCED SOLUTIONS FOR EVERY GLASS COATING NEED

To complement its coating solutions, Rollmac also

offers the Glassline edger, designed for edge painting of glass sheets. Available in both semi-automated and fully-automated versions, the latter integrates the Automatic Sheet Rotation (ASR) system. This feature is particularly advantageous for handling large and heavy glass sheets that are challenging to maneu-

ver manually. All Rollmac machines are designed to harness the potential of Industry 4.0. With internet connectivity, the company's technical support team can monitor performance, troubleshoot issues and update software in real time.

EFFICIENCY, MAINTENANCE AND CUSTOMIZATION

A key advantage of Rollmac's machinery is its streamlined construction, significantly reducing operational time and costs. The entire unit can be fully cleaned and ready for an enamel change in just 15 minutes. Additionally, maintenance is simplified, with minimal consumption of replacement components. Finally, Rollmac provides a wide selection of engraved rollers, ranging from traditional chrome-plated steel models to rubber sleeves - ensuring superior coating quality on any type of glass sheet.

ROLLMAC

Rollmac

Via Postale Vecchia, 77
36070 - Trissino - VI
ITALY
Tel.: +39-0445-492-711
rollmac@rollmac.it
www.rollmac.it