

# Giardina Group introduces its latest polishing machine

The MVT 5000 Glossy is a new solution for high-gloss panel polishing for woodworking.



The MVT 5000 Glossy  
(Image: Giardina Group)

With more than 50 years of experience, Giardina Group is one of the international companies that specialises in machines and technologies for the finishing and painting of wood, glass and composite materials.

The Italian company offers a range of finishing solutions, including roller, curtain and spray coating systems. It also provides automated robotic lines with hot air, UV or microwave drying, as well as sanding for edges, profiles and surfaces.

Like its sister machines, the MVT 5000 Glossy is a new single-sided

system designed for polishing high-gloss panels after sanding.

The process involves two CTL160SF sanding units, followed by cotton brushes infused with abrasive wax that remove sanding marks and refine the surface.

## TECHNICAL FEATURES

Engineered for flat edge processing, the machine is equipped with three independent polishing units: two SL300 polishing groups with wax dispensers, and one SL100 finishing brush that is adjustable on three axes.

The brushing group consists of a motor-spindle unit with 350mm felt discs and a second 300mm unit mounted on a tailstock with belt transmission.

Automation control is managed by a PLC system, both for general functions and for the adjustment of individual units. The machine is also ready for Industry 5.0 integration.

The MVT 5000 Glossy can process parts up to 3,000mm in length, 1,500mm in width, and 100mm in thickness, with a feed speed ranging from 2 to 15m/min. **P**