Schirmer Maschinen at Frontale Trade Fair 2026: Competitive advantage & investment security for profile fabricators

Schirmer Maschinen GmbH from Verl/Germany will be presenting itself at Fensterbau Frontale 2026 as a technology leader in the premium segment of highly automated profile processing centers. ‘Our entire thinking is focused on this,’ says Managing Director Ludger Martinschledde. At its stand in Hall 3 | 3-217, Schirmer will be show solutions for aluminium and PVC profile processing live and in action, giving visitors a realistic impression of the speed, precision and flexibility of its machines.

Schirmer configures machine concepts tailored to customer-specific production requirements from a modular system of largely standardised process modules. The company is part of the Beckhoff Automation Group since 2016, where it serves as a showroom for automation applications in engineering. The presentation in Nuremberg is intended to reflect the current growth strategy. In addition to gaining further market share in the aluminium and PVC sectors, this includes increasing the degree of internationalisation beyond Europe and opening up new industries for aluminium profile processing.

Focusing today on tomorrow’s profiles

Schirmer comes to Nuremberg with strong arguments in favour of aluminium profile processing. NC-controlled servo technology creates the basis for completely free programming. Low-vibration, profile-specific clamping without manual changeovers ensures high machining quality. This enables Schirmer to achieve high speeds, which are further enhanced by motion synchronisation and parallel machining. ‘But the strongest argument is flexibility in the component spectrum,’ says Martinschledde. ‘We can already clamp profiles today that won’t be available until tomorrow.’ That provides investment security.

Schirmer’s partnership with Reynaers, which has been in place for around ten years, and its recent cooperation agreements with Heroal, Schüco and Forster demonstrate that the company is well on track with its highly automated processing of aluminium profiles and steel bars. What all these partners have in common is their high-quality standards in profile processing.

Completely without switch cabinets

For Schirmer, 2026 marks a significant step forward in automation. The company is now switching completely to the pluggable ‘MX’ system solution from Beckhoff Automation. It completely replaces the space-consuming control cabinet. The compact modular system located directly on the machine consists of a base plate with integrated module slots, which has ‘EtherCAT’ for data communication and integrated distribution for different voltages; the portfolio of function modules includes, among other things, the power connection, drives, power supplies, industrial PCs and ‘I/Os’.

Schirmer customers benefit from space savings in machine layout, improved visibility of processes during production, and advantages in diagnostics and maintenance. Schirmer itself optimises its own internal process chains, in particular efficiency and safety during installation and commissioning. In addition, the degree of standardisation is increased because the UL and CSA standards, which certify the safety of electrical products in North America (USA/Canada), are also covered.

In excellent health and optimistic

Schirmer is growing steadily and, with around 280 employees, generated an increase in turnover of more than ten million euros in 2025 (2024: approx. 77 million euros). In the current financial year, too, the order intake gives cause for an optimistic growth forecast. Schirmer plans to complete a new plant at its headquarters in 2027, which is designed for further growth. The aim is to centralise all divisions at one site and optimise processes and material flows.

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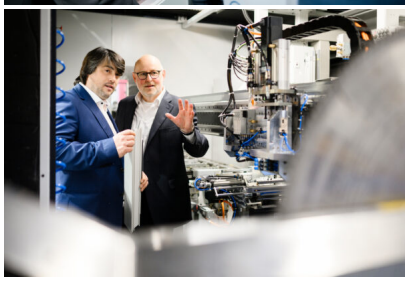
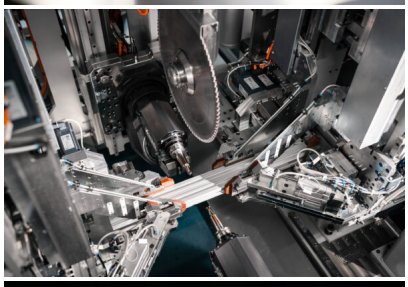
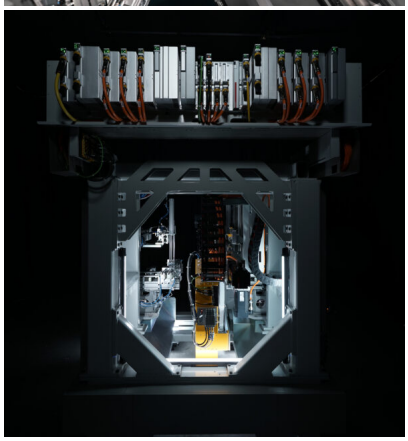
Caption 1: At Fensterbau Frontale, visitors can experience a PVC and an aluminium processing centre live under production conditions. This gives a realistic impression of the precision, speed and flexibility of Schirmer‘s profile processing centers. Photo: Schirmer



Caption 2: Strong demand for highly automated PVC profile machining centres helps Schirmer gain further market share in existing markets. Photo: NürnbergMesse – Uwe Niklas



Caption 3: Each module contains two opposing 5-axis milling heads that operate simultaneously, each with a tool changer, and a saw from above. The profile is clamped only once for all work steps. At Frontale 2026, Schirmer will be demonstrating its expertise in highly automated aluminium profile processing. Photo: Schirmer



Caption 4: Schirmer is switching completely to the pluggable ‘MX’ system solution from Beckhoff Automation for the automation of its machines. It completely replaces the control cabinet. Photo: Beckhoff Automation

Schirmer

Together with 20 sales partners worldwide, Schirmer Maschinen GmbH develops customised solutions for the processing of profiles made from a wide range of materials for trade businesses and large companies. Customised interlinked profile processing centres with a flexible degree of automation are created on the basis of a continuously developed technological modular system. Planning and consulting, installation and commissioning, training and service concepts are systematically interlinked. Founded in 1979, Schirmer Maschinen GmbH has been part of the Beckhoff Group since 2016. Around 280 people work at the company headquarters in Verl. #Schirmer Maschinen GmbH, Stahlstraße 25 + 29, 33415 Verl - www.schirmer-maschinen.com