

A large, three-dimensional red power button icon is centered on a metallic, brushed-silver surface. The button has a thick red border and a red power symbol in the center. The surface shows reflections and highlights, giving it a realistic, industrial appearance.

PLANT ENGINEERING

COMPLETE SOLUTIONS FOR PVC PROFILE PRODUCTION

PLANT ENGINEERING.

PRODUCT AND PRODUCTION PLANT DESIGN FOR PVC WINDOWS AND DOORS

Customer production success is our goal. With over 30 years of experience, Greiner Extrusion is the world leader in the extruded plastic profile tooling and machinery market.

Our competence lead in the key area of profile extrusion and a comprehensive range of services make us the no.1 partner for the creation of product design and turn-key plants for PVC windows and doors.

Reliability, punctuality of delivery and a large number of successfully completed projects are all evidence of Greiner expertise in the plant engineering field.

GREINER PLANT ENGINEERING CAPABILITIES

Advice & Consulting

- Feasibility studies
- Market analyses
- Profitability studies
- Cost planning
- Financial consulting
- Speeches, lectures

Planning & Development

- Window and door system development
- Roller shutters development
- Injection parts for systems
- PVC formulation proposals
- Extrusion line layouts
- Plant layouts

Realisation & Services

- Turn-key project management
- Complete plant and machine installations
- System and machine documentation
- Employee training (Greiner extrusion college)
- Life cycle services





PROFILE SYSTEM CONSULTING.

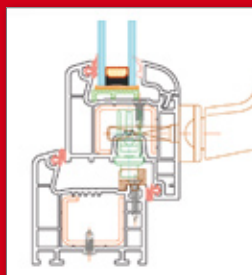
AN IDEAL BLEND OF KNOW-HOW AND EXPERIENCE

Greiner Extrusion offers a complete package of services for the production of PVC window profiles and doors. Tailor-made solutions are prepared for every customer in a process that involves close teamwork and takes into account the characteristic market needs and conditions prevailing in individual countries.

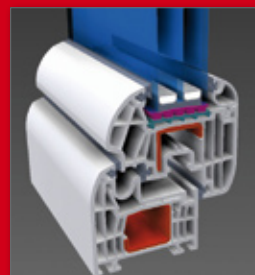
Systems which meet all individual stipulations and requirements are the result. Thousands of profiles and a large number of complete Greiner Extrusion systems are in operation in both Europe and the world's growth markets.

A SYSTEM RICH IN ADVANTAGES

- Co-operation in any desired form, from complete system development to the preparation of individual static and thermal calculations.
- Comprehensive documentation for customers with complete facts and figures regarding sealings, reinforcement and glazing guidelines, up to production and installation directives.
- 3D model drawings for injection moulded parts or selective laser sintering (SLS) samples.
- Complete system developments for PVC window profiles, PVC doors, PVC foam interior doors, roller shutter profiles



2D-CAD DRAWING



3D-CAD DRAWING



INDIVIDUAL SOLUTIONS



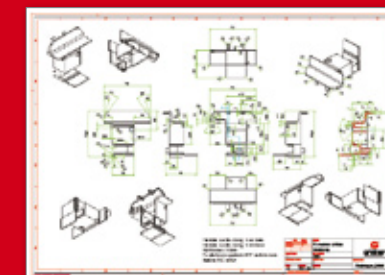
READY-TO-MANUFACTURE WINDOW SYSTEMS



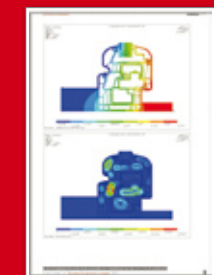
STATIC CALCULATION



CROSS-SECTIONS



INJECTION MOULDING



DRAWINGS



PLANNING, SERVICES, REALISATION.

PLANNING FOR HIGHER PRODUCTIVITY

The proven interplay derived from Greiner specialists in various disciplines combining in constructive teamwork guarantees ideal, overall solutions.

- Plant layouts that precisely meet production requirements and local conditions, including the optimum positioning of the electricity, water and compressed air supply, as well as the complete cooling water treatment.
- Extrusion line layouts for complete production from extrusion to final processing and stacking systems.
- Documentation of plant and line layouts with all plans and supplemented by lists of connection and consumption values for electricity, water and compressed air.
- Training. Greiner extrusion college (geco) offers individual training and educational programmes for customers personnel, either on-the-spot or at Greiner training facilities.

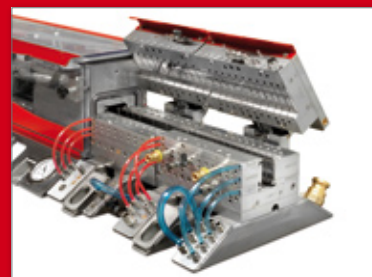
SERVICES – SAFE, SPEEDY AND UNIVERSAL

Everything from on-the-spot, start-up services with customer personnel training, maintenance and servicing to a fast spare part service mean that Greiner services start early and never stop. Life cycle security creates leadership and supports production success.

REALISATION WITH OPTIMUM TOOLING AND MACHINE SELECTION

The heart of any plant is the extrusion process. Here, Greiner relies entirely on tooling and machines manufactured in-house.

Moreover, those parts not produced within the company are purchased exclusively from respected suppliers, who have demonstrated their quality and reliability in the course of long-term cooperation. Greiner specialists assume responsibility for the project management, provide technical support and ensure punctual installation.



RED.TOOLING



RED.LINE



SERVICES



GREINER EXTRUSIONSTECHNIK GMBH

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