

# Automation



# For maximum efficiency and quality

The digital networking of planning work with the workshop and the targeted combination of digital solutions and manual skills offer metal workers and fabricators many advantages:

- More flexible manufacturing and shorter production times
- Reduced workload on staff
- Reduced costs and improved quality

Forster Profile Systems offers planning software tailored to the system solutions, two integrable fabrication machines and suitable tools for planning and production optimisation.

## forsterpro

Capture your production relevant data with forsterpro and link it to your fabrication machines. forsterpro: simply smartly calculated.

### Your benefits with forsterpro

- Calculate safely and efficiently
- Reliable programme guidance
- Flexible machine control



forsterpro: your calculation software for secure and efficient order creation. The software guides you through element planning with precise material analysis and extensive optimisation tools and enables you to determine optimum order quantities. Structured cutting optimisation also minimises waste. forsterpro sends all information for profile processing to the forster steelcut and steeltec machines.

### Service packages

#### Modules

##### Basic

Input of elements, estimation, structural analysis, cut optimisation, printouts, cross sections, MS Office interface (Word, Excel, Outlook), mitre saw interface including Forster system database

##### Optional:

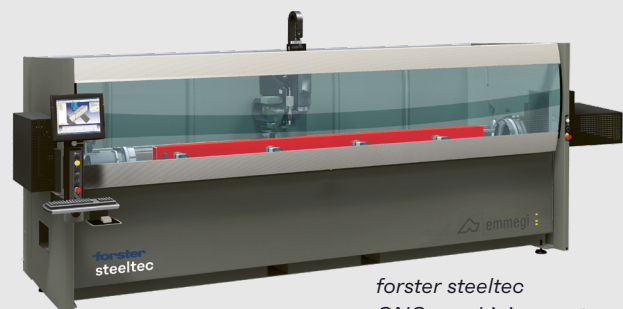
- CAD Suite 2D
- Machinings and bar drawings
- Fabrication units
- CNC with cutting

#### Interfaces

- 3D interface CAD / geometry
- ERP
- Site dimension export
- Data import



forster steelcut  
double-mitre saw



forster steeltec  
CNC machining centre

## forster steelcut

Ensure precise cuts with the Forster double-mitre saw and simplify subsequent work steps in your workshop. The machine can be tailored to your needs.

forster steelcut: simply cut.

### Your benefits with forster steelcut

- Maximum cutting precision
- Robust and durable
- Efficient and reliable



The forster steelcut double-mitre saw with frontal moveable saw blades is robust, reliable, precise and user-friendly. It enables efficient and cost-effective profile cutting. Powerful brushless motors optimally adapt the feed rate and cutting speed to the material. The electronically controlled saw blade feed on high-quality linear guides ensures high dimensional accuracy and stability.

### Service packages

	Forster Standard	Forster Connect	Forster Comfort
Electrical connection 400 V / 3 Ph / 50 HZ	•	•	•
Brushless saw blade motor	•	•	•
Preparation of barcode printer	•	•	•
Software package for overlength cutting, short cutting, automatic right-angled cutting, mitre cutting	•	•	•
Driver for connecting forsterpro or external calculation programs		•	•
Network connection kit for RJ45		•	•
Label printer		•	•
Driver for network connection via LAN		•	•
Automatic cut			•
Protective fence for 2 sides incl. bracket for wall mounting			•

## forster steeltec

Simplify the production of complex milling cuts and cut-outs with the CNC-controlled machining centre from Forster. The machining centre is available in various designs.

forster steeltec: simply machined.

### Your benefits with forster steeltec

- High-precision manufacturing
- Maximum flexibility in profile processing
- User-friendly control



The forster steeltec bar machining centre with four CNC-controlled axes meets all the requirements seen in window and door construction. It is designed for steel, stainless steel and aluminium up to 3 mm. The vertical milling spindle with an output of over 5 kW in continuous operation can withstand the heaviest loads and offers full torque at low speeds.

### Service packages

	Forster Standard	Forster Connect	Forster Comfort
Electrical connection 400 V / 3 Ph / 50 HZ	•	•	•
Hand-held controller	•	•	•
Tool magazine with 8 positions	•	•	•
Pneumatic reference hammer	•	•	•
Software for graphical programming with 3D representation and creation of any machining contours	•	•	•
Teleservice remote diagnosis via Internet connection / network	•	•	•
Driver for connecting forsterpro or external calculation programs		•	•
Barcode reader		•	•
Cover and interior lighting of the cabin			•
Acoustic insulation mats for the cabin			•
Oil mist extraction with separator			•

# Steel is our nature.

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**For us, steel is a matter of the heart. We develop long-lasting systems for attractive and energy-efficient architecture.**

Forster Profile Systems develops and manufactures safe, energy-efficient solutions in steel and stainless steel for doors, windows and facades in Switzerland. Forster works with its own branches in over 20 countries – and exclusive sales partners in around 10 more. In-house consultants are on hand to assist our customers at sites ranging from Europe and the Middle East to Asia and North America. Forster systems are used for building shells and interiors. This includes market-leading solutions that meet

the strictest requirements and standards in terms of thermal insulation, plus safety applications such as fire protection, burglar resistance and bullet resistance. The product range is rounded off by matching accessories. Our customers and business partners in architecture, planning and construction can also count on comprehensive services for their respective industry.

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**forster**