



PROFIILIKESKUS OY



Innovative Equipment for Efficient Sheet Metal Rollforming



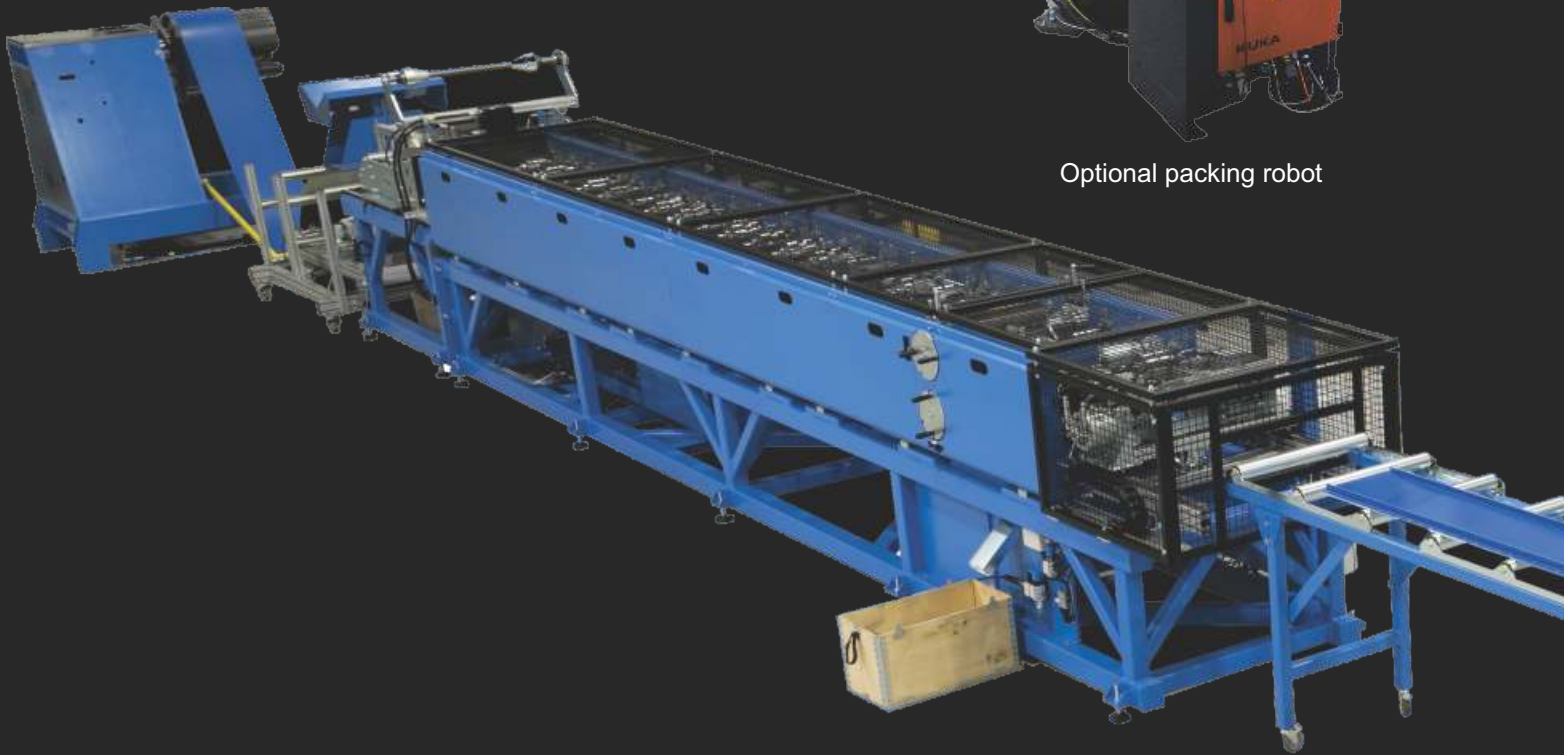
Next-Generation Snaplock Rollforming Solutions

High Output of 5900 sq ft/hour with Integrated Packaging Automation

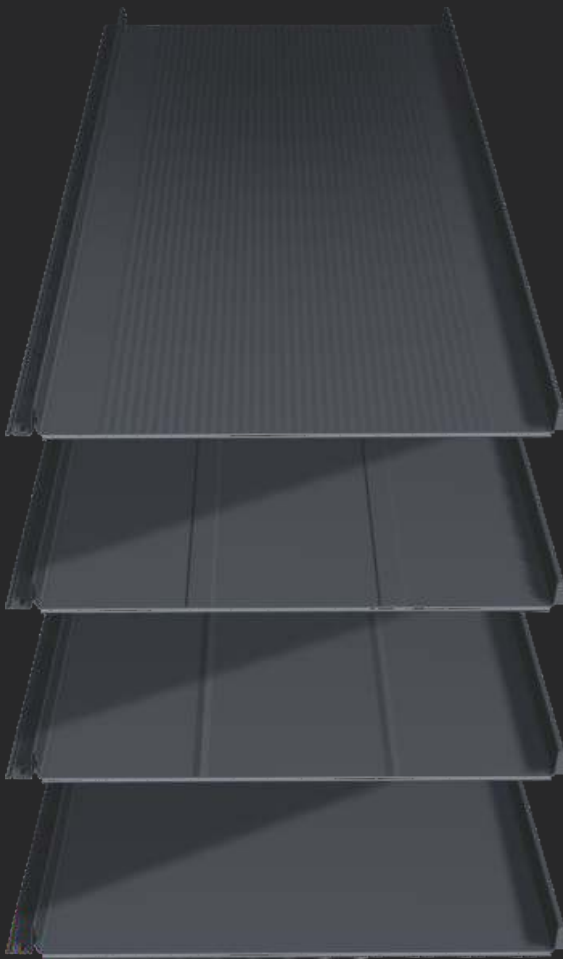
Our high-capacity rollforming line ensures you can keep up with the growing demand for Snaplock profiles for years to come. Its exceptional flexibility and scalability, combined with robotic stacking and packing, enable you to take the next step in increasing production volume.



Optional packing robot



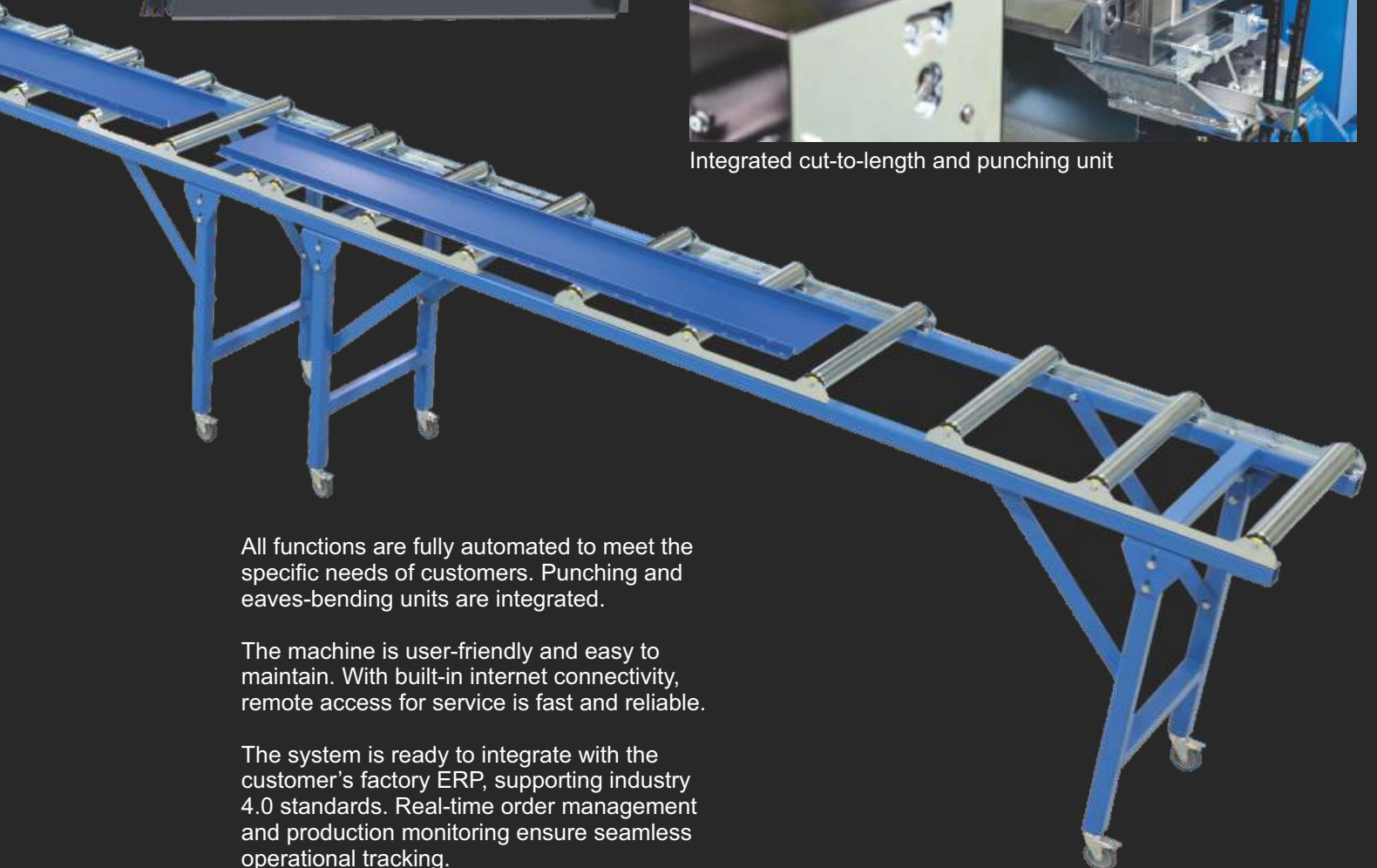
Width adjustment for multiple strip widths



Revolver-type surface embossing tool



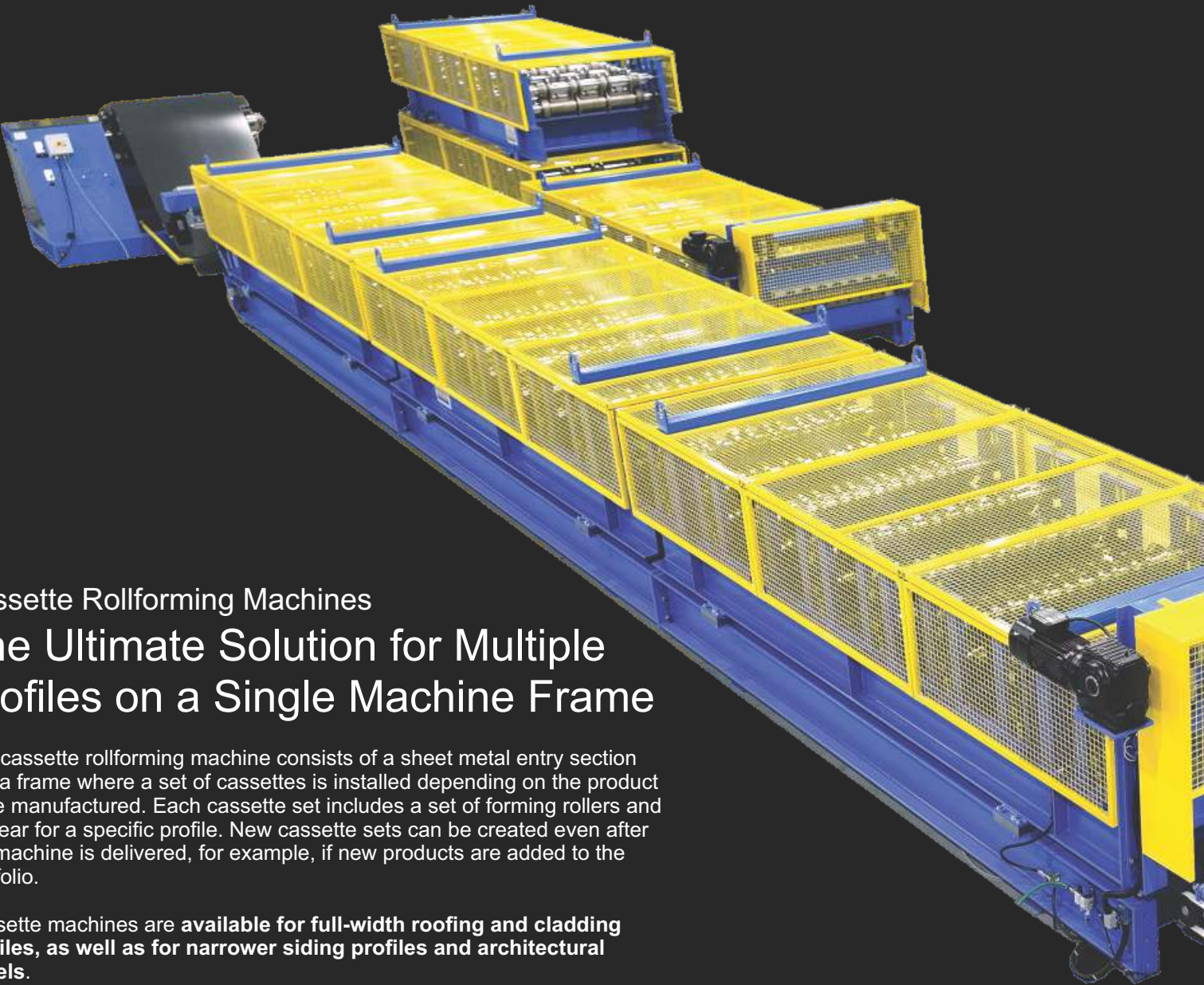
Integrated cut-to-length and punching unit



All functions are fully automated to meet the specific needs of customers. Punching and eaves-bending units are integrated.

The machine is user-friendly and easy to maintain. With built-in internet connectivity, remote access for service is fast and reliable.

The system is ready to integrate with the customer's factory ERP, supporting industry 4.0 standards. Real-time order management and production monitoring ensure seamless operational tracking.



Cassette Rollforming Machines

The Ultimate Solution for Multiple Profiles on a Single Machine Frame

The cassette rollforming machine consists of a sheet metal entry section and a frame where a set of cassettes is installed depending on the product to be manufactured. Each cassette set includes a set of forming rollers and a shear for a specific profile. New cassette sets can be created even after the machine is delivered, for example, if new products are added to the portfolio.

Cassette machines are **available for full-width roofing and cladding profiles, as well as for narrower siding profiles and architectural panels.**

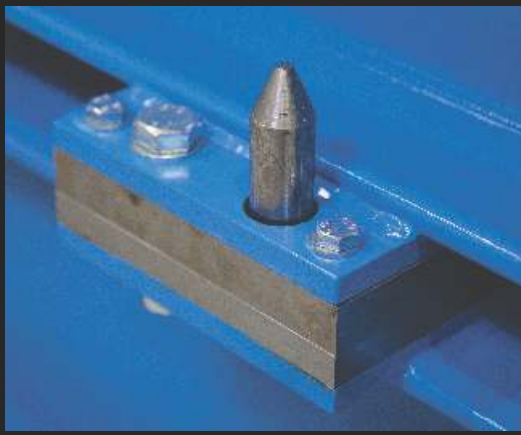
Most of the accessories like eaves trims, flashings, ridge caps, etc. can be conveniently manufactured with a single machine.



Automatic stacker for neat stacks



Embossing rolls can be added as an optional unit



Cassettes can be stacked on top of each other to save space. Lifting lugs are integrated into the cassettes for easy handling during cassette changes.

When installing new cassettes, precise guide pins ensure perfect alignment between them.



Rectangular or Round Downspout Machine Automated Profiling of Gutter Downspout Tubes

The Profiilikeskus gutter downspout roll forming machine allows for the production of round or square downspout tubes, depending on the model. Crimped elbows and tube ends are also made with the same machine.

The downspout roll forming machine is designed for high-capacity industrial production. It can produce up to 147 feet (45 meters) of downspout per minute or 500 elbows per hour.

The machine can make S-shaped tubes for specific projects. Tube length and the number of elbows are easy to program using the touchscreen control system. Once the program is set, the system displays a drawing of the part to be produced. Product dimensions can be programmed in either inches or millimeters, and up to 100 different products can be stored.



Tile-Sheet Rollformers A Scandinavian Best-Seller for Classic Tile-Look roofing

The roofing-tile panel, also known as tile sheet or glazed tile panel, is a steel roofing panel designed to resemble a traditional clay tile roof. Tile panels were first invented in the Scandinavian countries, where there was a need for elegant roofing that could withstand snow and harsh winters. Since then, they have gained widespread popularity throughout Europe and are now available in many countries across all continents.

A single panel covers from ridge to eaves. The panel length can be easily adjusted directly on the control panel. It is possible to preprogram multiple lengths and quantities for each production batch, and the control system can be connected to an ERP to exchange real-time production data.

Over the years, Profiilikeskus has produced tile panel machines for various profiles. It is therefore possible to produce tile panels resembling the traditional tiles specific to each country.

Thanks to its extensive experience, the Profiilikeskus tile panel machine achieves an effective production speed up to 39 feet (12 meters) per minute. This means that the machine is one of the fastest on the market.

Corrugated and Ribbed Profile Rollformers

Machines Designed By and For Sheet Metal Manufacturers

Profilikeskus rollformers for corrugated and ribbed sheet metal are renowned for their ease of use, durability, and cost-effectiveness. Built on over a quarter-century of experience in designing and using roll forming machines in their own sheet metal plant, Profilikeskus machines are engineered with in-depth knowledge of the needs of metal panel manufacturers.

Profilikeskus has always focused on ensuring the flawless quality of the panels produced by its machines. Therefore, the machines are always long enough to include enough forming stations, preventing deformation of the sheet after profiling.

Profilikeskus manufactures also double and triple deck rollformers for places where floorspace is limited.



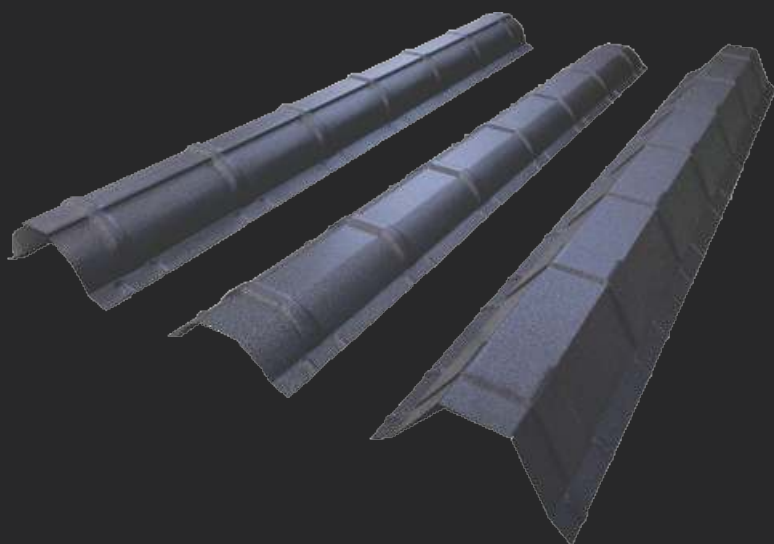
Customized Rollformers

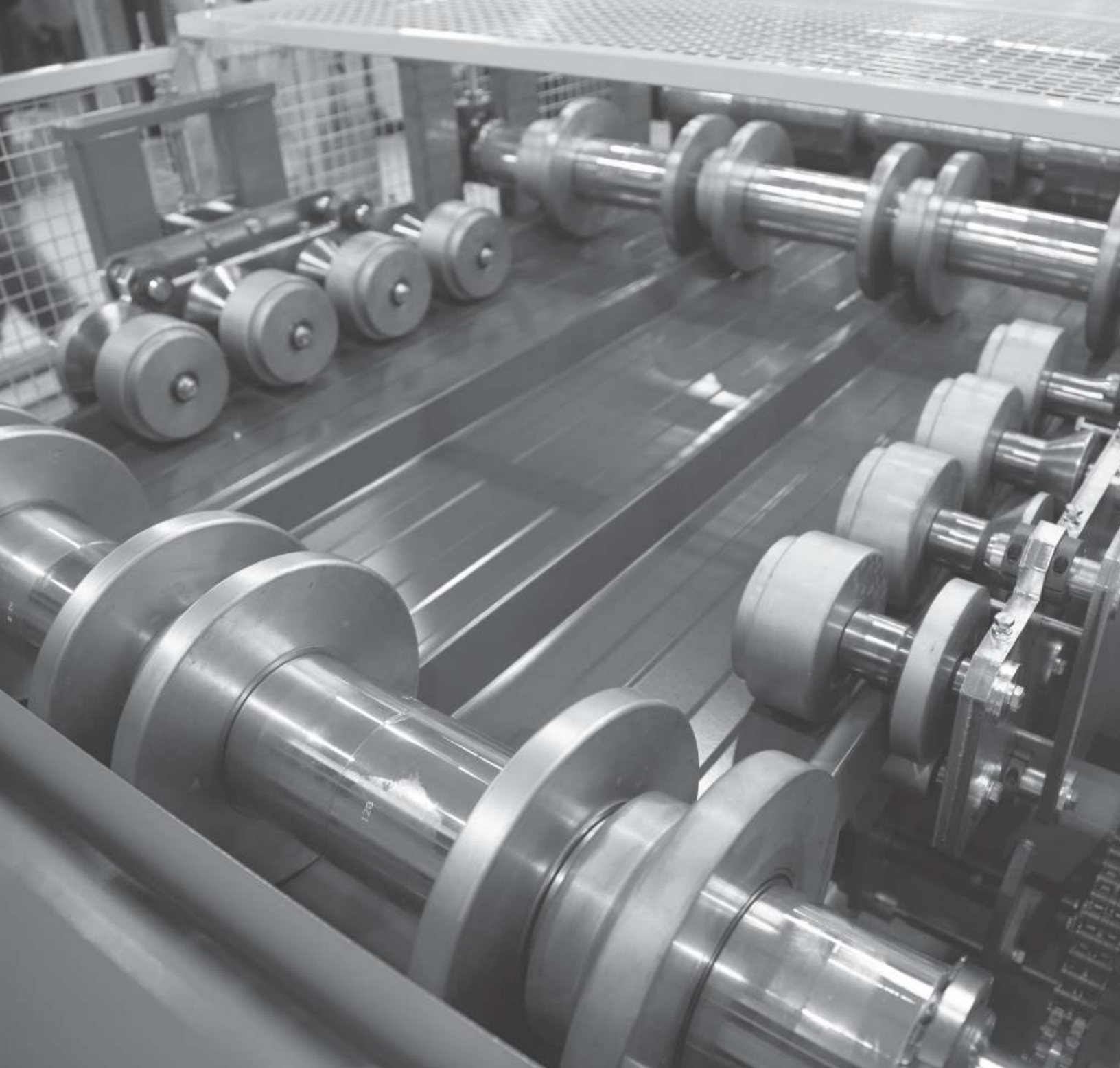
Looking for Something Out of the Ordinary ?

Profilikeskus is widely recognized as the trusted partner for companies seeking to develop machines for new and innovative products.

Beyond our existing range of machinery, we are committed to supporting our customers in developing groundbreaking products and entering new markets.

Have an idea? Don't hesitate to share your concept or draft drawing with our team. Our experienced engineers specialize in designing and building custom rollforming machines tailored to unique and forward-thinking production needs.





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