

# ROLLSTEEL

ROLLFORMING TECHNOLOGY



### **It must be steel... ROLLSTEEL !**

Rollsteel-Machine designs and produces high-quality automatic sheet metal rollforming machinery and their accessories. The company's premises are located in Eastern Finland, in the city of Kuopio. Behind the company there is a long experience and strong expertise in rollforming industry. The majority of company is owned by highly-committed key personnel.

The company's goal is to build long-lasting customer relations by being a flexible producer, all-round supplier and a multi-skilled consultant to the companies busy with sheet metal processing. The keystones of the production are reliability, efficiency and good price-quality ratio. Each machine will be carefully designed to meet exactly the customer's requirements.





ROLLSTEEL design department utilizes the leading 3D design software on the market. In company's own CNC machine tooling shop, almost every part of rollforming machine can be produced very fast and accurately. In the production, the company uses only the best, standardised raw materials and components available on market to ensure the durability and longer lifespan of the machine.

ROLLSTEEL roofing and cladding sheet lines are excellent choice when you are looking for some reliable and cost-effective production solutions. They offer you high measuring accuracy and

some long-time durability.

ROLLSTEEL product range covers profiling machines for all common trapezoidal and corrugated profile forms both for private housing and industrial buildings, roof-tile panels, various roofing accessories, flashings, rainwater systems and lightweight purlins. The company can supply individual rollforming machinery, complete set-ups or even some fully-equipped, turnkey factory deliveries.

**Rollsteel-Machine offers you only Finnish high-quality profiling machines!**







**There are several options to choose from to fit exactly your demands:**

Single profiling machine is a good choice if you produce a lot of just one profile and you want to reach the maximum production capacity. With a single ROLLSTEEL profiling machine you will produce fast and reliably high-quality roofing and cladding profile sheets. There is a numberless amount of different profile forms to choose, if requested profile form can also be tailored according to your specific demands.

With a double-deck ROLLSTEEL profiling machine you can produce two different profiles in the same machine frame and therefore save some valuable production space for some other purposes. The costs for assistive production

equipment are also lower. One machine operator is well enough to use the whole production unit, just choose the profile from the control unit and launch the production.

Cassette-type ROLLSTEEL profiling machine is optimal choice for a company, which wants offer their customers a very wide selection of different-type profile sheets. Changing profiling cassettes is very fast and easy, with one cassette-type profiling line you could basically produce uncounted variety of roofing and cladding sheets. The versatility and the technical feature of cassette-type profiling line provide your company's production site with some extra value and showiness and therefore some better company image and market competence.





ROLLSTEEL tile sheet profiling machine is a strong and reliable. The company's product range covers standard profiles on the market such as "Monterey", "Andalusia" and "Spanish Dune" but other profile types are also possible. With tile sheet profiling line you can produce fast and easily some accurate and high-quality roofing profiles. The production speed can be up to 12 m/min!

The cut-in-length can either be conventional straight one or 3D. In 3D cutting, the cutting edge will follow the shape of the step which means that the overlap joints are practically invisible in the step shadow.

The control unit of ROLLSTEEL tile sheet line is the most modern on the market. The control system, based on Siemens PLC, is versatile and very easy-to-use. The operation menu is available in several languages. It is very easy to produce the desired profile sheet just changing some critical parameters in the system. The control unit includes also a modem and necessary LAN connections for some remote use. If requested the system can also be provided with option to some enterprise resource planning (ERP).

With ROLLSTEEL tile sheet profiling equipment you can easily start economic and effective production of metallic tiles. All of deliveries include not only the installation and start-up but also a comprehensive training of your production personnel for the correct use and maintenance of the equipment.







ROLLSTEEL offers you a wide variety of profiling machinery for the fast and accurate production of standard flashings. These flashings normally assume for example roofing, cladding, windowsills and door thresholds. Type of the flashing can also be designed according to your specific demands for example to utilize some waste strip coming from your basic production.

The company has also some economic solutions for the production of various siding profiles, ridge cap profiles, side and eaves. These compact production lines are complete including also a decoiler and automatic stacking table or a roll table. Many years' experience has built these ROLLSTEEL lines to be the most optimal both in price and quality.

Cassette profile is a structural element which provides final interior appearance but also bears insulation and exterior cladding. Trapezoidal profile sheets used as finishing of internal walls shortens remarkably the building time. The inside space of cassettes may be used as a place for thermal or acoustic insulation or for some wire and cable passages. ROLLSTEEL profiling machinery is a reliable choice for producing cassette profiles in adjustable depths up to 200 mm.

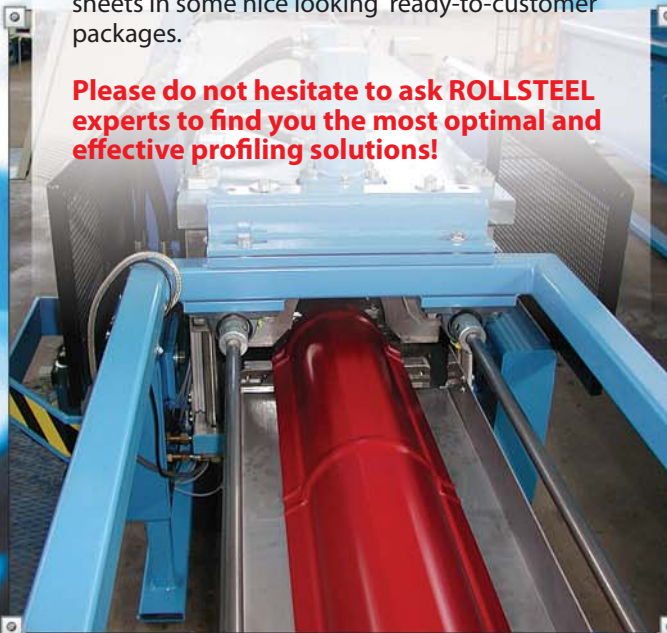




Sandwich structured composite panel is fabricated by attaching two metal profile sheets to a lightweight core. The core material is normally low strength material but its higher thickness provides the sandwich panel with high bending stiffness. Polyurethane (PU), polystyrene (EPS) and rockwool are commonly used core materials. Typical applications for sandwich panels are cool rooms and other cold store facilities, external roof and wall applications, warehouses, production halls and other industrial buildings. Together with their partner ROLLSTEEL can supply to you also these specialised production lines.

Besides profiling machines, ROLLSTEEL can deliver to you some individual assistive equipment such as decoilers, stacking tables, conveyors and packing machines. With this equipment you can even create an automatic 'one man's production unit' for the production of high-quality profiled sheets in some nice looking 'ready-to-customer' packages.

**Please do not hesitate to ask ROLLSTEEL experts to find you the most optimal and effective profiling solutions!**





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high-quality profiling machines!**



ROLLSTEEL-MACHINE OY (ltd.)  
Itkonniemenkatu 29, FIN - 70500 KUOPIO • FINLAND  
Tel. +358 50 577 9006, +358 50 517 7390  
Fax +358 17 36 23 900  
**[www.rollsteel.fi](http://www.rollsteel.fi)**