

Downspout and Elbow Rollformer

Downspout and Elbow Forming Functions
Combined into One Efficient Rollformer



Automated Downspout Rollforming made available to Everyone

The inventive design combines downspout and elbow forming functions into one compact rollformer which allows efficient, automated downspout rollforming to anyone.

No Manual Settings

The rollformer offers high efficiency and extraordinary ease of use through sophisticated automation. Changing the elbow angle and downspout length parameters are accomplished without difficulty through a user-friendly interface. New programs are easily installed to add to the versatility of this fine machine. Long downspouts or short downspouts are effortlessly manufactured to your desired requirements. In addition to all the standard features Profilikeskus is known for, a synchronized crimping tool is mounted on the machine to provide that finished touch.

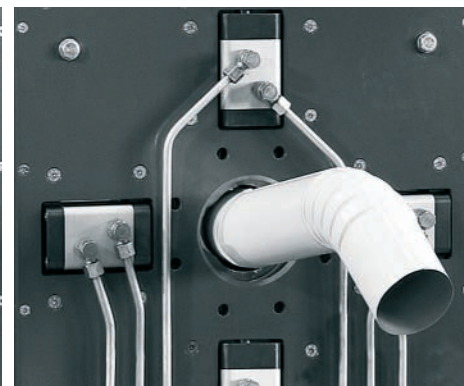
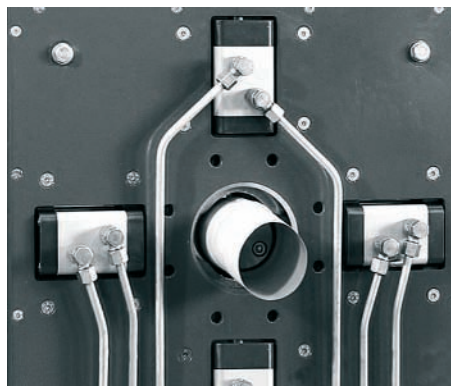
Tested Reliability

The rollformer machine utilizes a servomotor for optimal performance and dependability. Technologically advanced automation, together with a consistent power supply allow for precise measurement and high efficiency. Profilikeskus Oy is continuously testing dynamic design solutions to meet the needs of all customers and to ensure quality machinery production.

► New programs are easily added to the machine, creating product such as a downspout with an "S" curve in one single piece.

► All components are thoroughly tested for reliability, utilizing high European standards.

►► Changing the elbow angle and pipe length requires no manual settings – the machine is controlled through an easy-to-use user interface.





Specification

Automation

- Easy to use programming - the diagram of a product is shown on the screen
- Register for 100 standard products
- Programming is available in millimeters or inches

A synchronized crimping tool can be turned on or off as needed

Model of the pipe

Round

Size of the pipe

87 mm, 100 mm and 125 mm

Material thickness

- Steel 0.40–0.50 mm
- Aluminium 0.57–0.81 mm
- Copper 16 oz

Width of strip

292–416 mm \pm 2 mm

Speed

20 meters / minute or 350 elbows / hour

Drive with servomotor

4.4 kW, 3 x 400 V, 50 / 60Hz

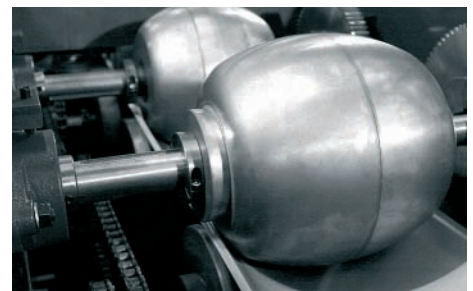
Hydraulic cutting and crimping


4 kW / 125 bar

Machine dimensions

- Length 9000 to 11000 mm
- Width 900 mm
- Working height 1000 mm
- Weight average 4000 kg

Chemically treated rollers to inhibit corrosion





Founded in 1991, Profiilikeskus Oy is the industry leader for expert technology and dynamic design solutions. Our rollforming machines and know-how provide fast, affordable and reliable production start-up or expansion around the world. With almost 20 years experience in the manufacturing industry, Profiilikeskus can provide more than just a machine sale, we can help throughout the entire development process.

Our product range covers tile sheet, trapez and corrugated rollformers, cut-to-length and slitting machinery as well as auxiliary equipment such as decoilers, stackers and bending machines required for efficient manufacturing operations. Our customers include both major international corporations and new manufacturers. We start with our customer's needs and production requirements, and tailor the right solutions for the novice sheet metal worker, to a three-shift production plant.

Our customer service and support are global. No matter where your business is located, you can rely on good service, on-time deliveries, quick and complete responses regarding parts, servicing and expert advice. Our business aim is to guarantee your success.



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