



Surface
matters

When you need high quality and minimal maintenance

Stainless steel is an excellent material for roofs and facades, offering great potential to give a building that extra touch. But choosing stainless steel is about more than just a beautiful exterior. It's also about sustainability, cost-effectiveness and the environment.

A material with many advantages

Stainless steel has many positive characteristics. And high quality is always timeless. Our love for stainless steel is twofold.

First, we know it has no equal in quality, with the longest life of any material for roofs and facades.

Second, environmental considerations are naturally followed by sustainability. The material does not need regular replacement, nor does it require coating to remain durable. Furthermore stainless steel is 100% recyclable.

Maintenance-free

Stainless steel is virtually maintenance-free. Maintenance is essentially automatic through natural rainfall. Periodic rinsing with water is only necessary to prevent stains where the rain does not reach.

The material with built-in corrosion protection

Stainless steel is an alloy containing chromium. Chromium reacts with oxygen from the surrounding environment to form an invisible oxide coating on the surface.

This oxide protects the material against corrosion. Austenitic steels, which are the most common stainless steels, are used for roofing, building façades and other exterior details in the building sector.

Appearance and design that last over time

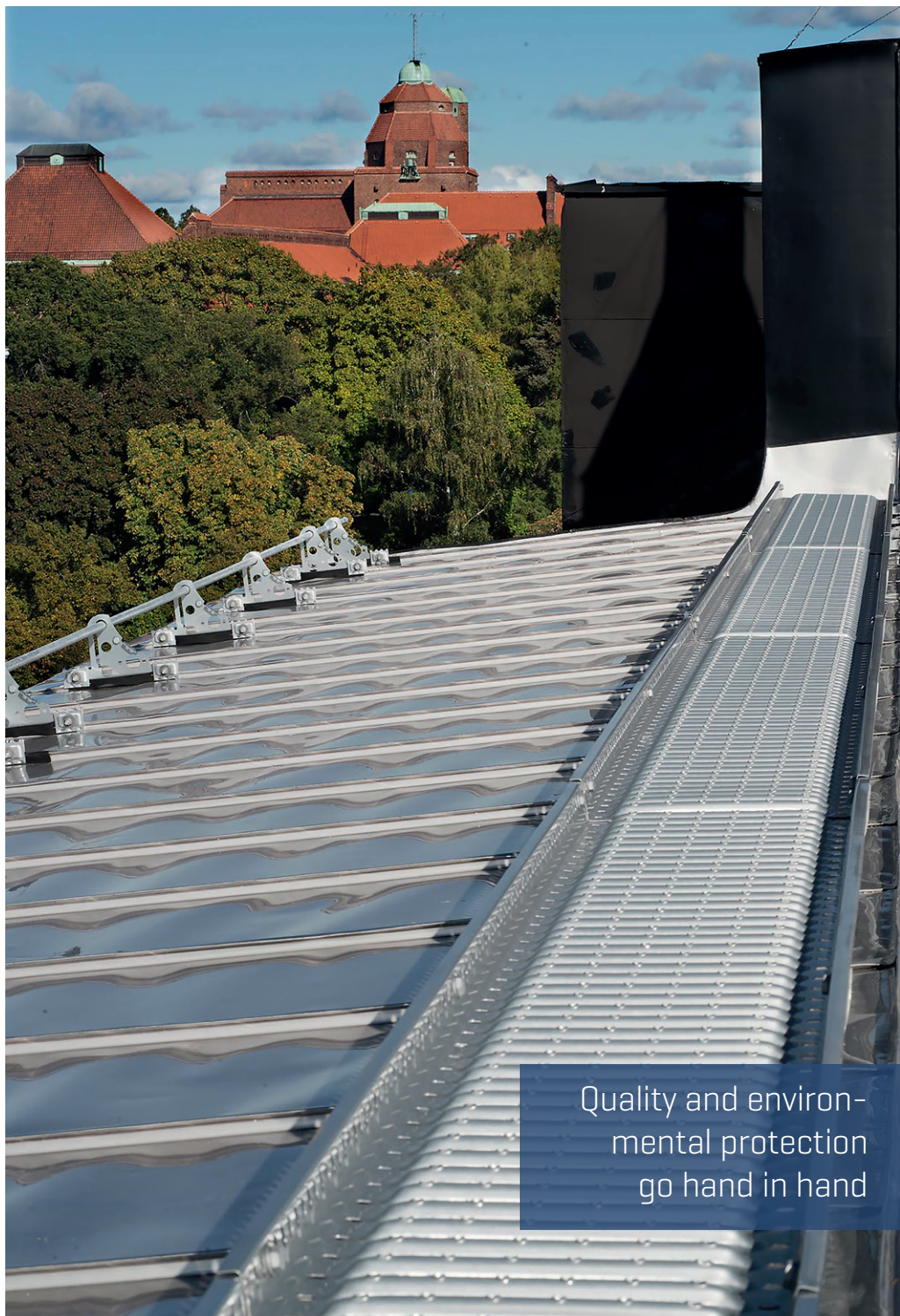
Austenitic steels are available in a variety of finishes: bright, matte, brushed, ground, rolled with decorative patterns and durably coloured. Stainless steel surfaces can also be painted and varnished.

Roofing all year round

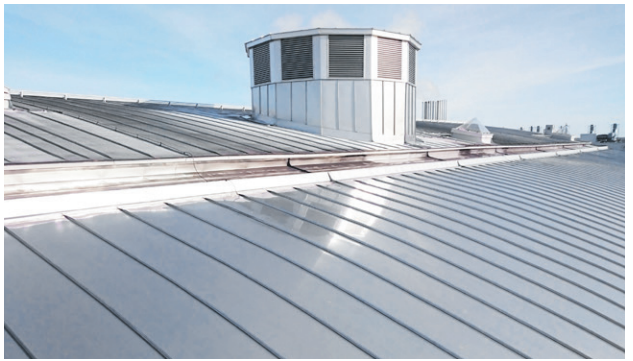
Stainless steel is highly malleable and can be handled even at low temperatures. The material can therefore be easily folded and machined all year round.

The environment and recycling

Stainless steel is produced mainly from stainless scrap, and can be recycled over and over again. Metal runoff from stainless steel surfaces exposed to the elements is very low. Other than normal cleaning, the need for maintenance and hence the environmental impact is minimal. Stainless steel has the highest durability and service life of all roofing and cladding materials.



Quality and environmental protection go hand in hand



A world of sustainable options

A number of decisions affecting the desired end result are made in the design phase, such as steel grade, surface, installation method and any colours. Here is a brief summary of the possibilities with stainless steel. Please ask us if you need further information!

A variety of different surface finishes can be applied to stainless steel:

- Matte
- Bright
- Brushed

The most common surface is 2B, which is slightly reflective, smooth and flat. BA (bright annealed) is also used, yielding more reflective surface.

Special adaptations

We can provide custom solutions in addition to our standard products.

Stainless steel quick facts

Economy

- Superior durability and age resistance – no need for regular replacement
- Maintenance-free surface
- No need for repainting

Safety

- Completely waterproof
- Noncombustible
- Can be used for lightning protection on roofs

Environment

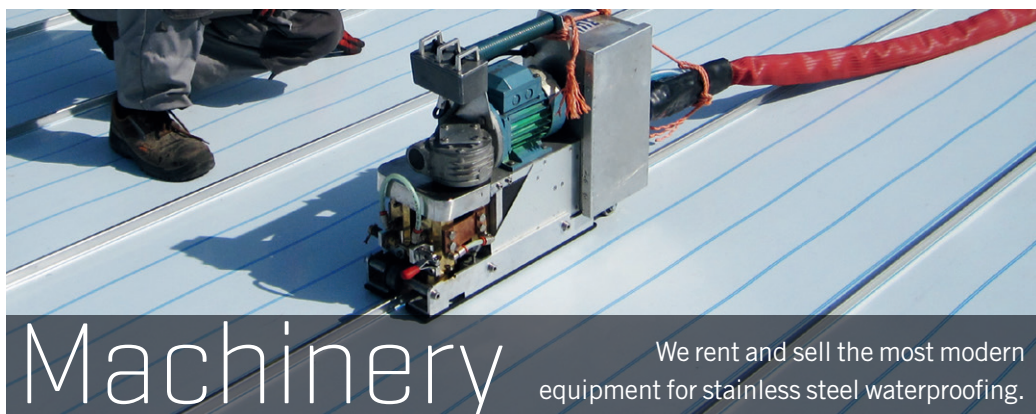
- The long life and durable surface eliminate the need for recoating or disposal
- 100% recyclable

Appearance

- Retains its appearance over time
- Available in a wide range of surface finishes, providing many possibilities for aesthetic effects

Simplicity

- Can be combined with most existing construction materials
- Low weight: approx. 5 kg/m²



Machinery

We rent and sell the most modern equipment for stainless steel waterproofing.

Welding



Detail welder, 400 Hz

Art. No.	Voltage [V]
DW	400



Roof seam welder, 400 Hz

Art. No.	Voltage [V]
MW	400



Spot welding clamp, Tecna 7902

Art. No.	Voltage [V]
7902220	230
7902400	400



Cooling system

Art. No.	Voltage [V]
251100230	230

The cooling system is needed for cooling seam and detail welds.

Welding accessories



RT arms, tip holders and tips



Electrodes for detail and seam welding



Copper paste with applicator for welding



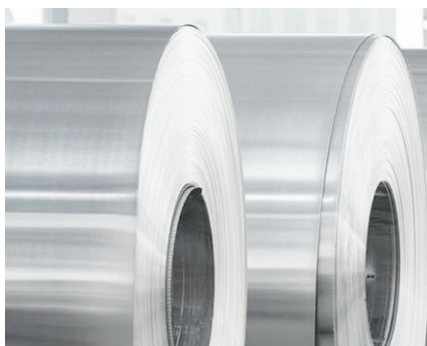
Electrode sharpener and file



Products

We stock and sell a wide range of stainless steel products and accessories.

Sheet



Can be cut and spooled as required.

Sold by kg, any quantity.

Other surfaces such as matte and bright, other formats and qualities are available on request.

Flat sheet with surface 2b

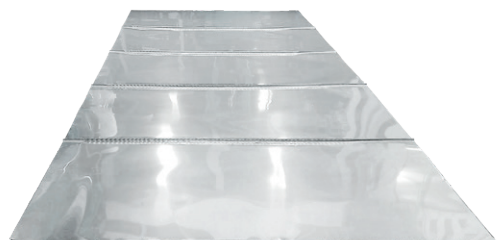
Available in rolls of 250 and 500 kg and as flat sheet in custom lengths and quantities.

Width [mm]	Thickness [mm]	Quality	Surface
625	0.4	1.4404	2b
1000	0.4	1.4404	2b
1250	0.4	1.4404	2b

625	0.5	1.4404	2b
1000	0.5	1.4404	2b
1250	0.5	1.4404	2b

Width [mm]	Thickness [mm]	Quality	Surface
625	0.4	1.4301	2b
1000	0.4	1.4301	2b
1250	0.4	1.4301	2b

1000	0.5	1.4301	2b
1250	0.5	1.4301	2b



Seam-welded panels

Welded panels in prefabricated formats for smaller roofing work such as terraces and balconies.

Art. No.	Thickness [mm]	Quality	Width [mm]	Length [mm]
Flak04	0.4	1.4404	any	any
Flak05	0.5	1.4404	any	any

Suspended gutter, half round



Art. No.	Dimension (mm)	Length (m)
44007	105	2.8
44006	125	2.8
44004	150	2.8

Also available in sizes of 80, 190 and 250 mm.

Other formats on request, including special designs.

Suspended gutter, rectangular



Art. No.	Dimension (mm)	Length (m)
44014	120	2.8
44013	150	2.8

Also available in sizes of 70, 85, 100 and 200 mm.

Other formats on request, including special designs.

Gutter bracket, half round



Art. No.	Gutter dimension (mm)	Width (mm)
44020	105	30
44052	125	30
44003	150	30

Available for all gutter dimensions.
Available in various lengths.

Gutter bracket, rectangular



Art. No.	Gutter dimension (mm)	Width (mm)
44046	120	40
44045	150	40

Available for all gutter dimensions.
Available in various lengths.

Gutter bracket, half round



Art. No.	Gutter dimension (mm)	Width (mm)
440201	105	30
440521	125	30
440031	150	30

Available for all gutter dimensions.

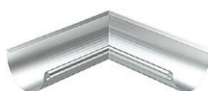
Gutter bracket, rectangular



Art. No.	Gutter dimension (mm)	Width (mm)
440461	120	40
440451	150	40

Available for all gutter dimensions.

Gutter corner outside/inside, half round



Art. No.	Gutter dimension (mm)	Angle
44128	125 (inside corner)	90°
44064	125 (outside corner)	90°

Can be supplied for all gutter dimensions.

Gutter corner outside/inside, rectangular



Art. No.	Gutter dimension (mm)	Angle
44133	120 (inside corner)	90°
44068	120 (outside corner)	90°

Can be supplied for all gutter dimensions.

Gutter end cap, half round



Art. No.	Dimension (mm)	Right/Left
44056	105	R
44221	105	L
44055	125	R
44220	125	L
44223	150	R
44236	150	L

Available for all gutter dimensions.

Gutter end cap, rectangular



Art. No.	Dimension (mm)	Right/Left
44059H	120	R
44059V	120	L
44058H	150	R
44058V	150	L

Available for all gutter dimensions.



Can be supplied for all gutter and downspout dimensions.

Drop outlet, half round

Art. No.	Gutter dimension [mm]	Downspout dimension [mm]
44280	105	80
44030	125	80
44439	125	100
44026	150	100
44438	150	120



Can be supplied for all gutter and downspout dimensions.

Drop outlet, rectangular

Art. No.	Gutter dimension [mm]	Downspout dimension [mm]
44474	120	80
44229	120	100
44272	150	100
44228	150	120



Downspout, round

Art. No.	Dimension [mm]	Length [m]
SR803	80	2.8
SR1003	100	2.8
SR1203	120	2.8

Special designs also possible.



Downspout bracket with screw in two parts

1. Bracket, 30x1.5 mm

Art. No.	Downspout dimension [mm]
44087	80
44085	100
44084	120

2. Screw, M10

Art. No.	Length [mm]
10275	100
10089	120
10090	160
10276	200
10694	300



Drain tile extension

Art. No.	Downspout dimension [mm]
BUTK80	80
BUTK100	100
BUTK120	120



Funnel

Art. No.	Downspout dimension [mm]
VK80	80
VK100	100
VK120	120

Can be supplied for all downspout dimensions.



Swedish bracket

Art. No.	Downspout dimension [mm]
SVEP80	80
SVEP100	100
SVEP120	120

Special sizes also available



Downspout discharge

Art. No.	Gutter dimension [mm]	Angle
RB80	80	72°
RB100	100	72°
RB120	120	72°

Other dimensions and angles are supplied as downspout joint elbows.



Gutter connector, DILA, half round

Art. No.	Downspout dimension [mm]
10077	125
10076	150



Roof drains

We produce roof drains
in acid-proof stainless steel.

RT roof drains

Designed for internal drains, manufactured by Rostfria Tak. These are available in two versions, for connection to sheet metal and tar paper roofing.

Material

The RT roof drain is fabricated in accordance with VA standards for rainwater installations, not intended for replacement. The material in the RT roof drain and strainer is 1.0 mm acid-proof stainless steel sheet 1.4404.

Design

Tapered drain. The strainer is cylindrical with a perforated top and upright oblong slots.

Total draining area approx. 276 cm². The strainer is installed with screw connection in a loose crosspiece, which facilitates cleaning in the drain.

Standard parts in stock

For 75, 100 and 110 mm drains, for both vertical and horizontal discharge. Special designs and dimensions are fabricated to order.

Type designation

- RTMH for sheet metal roof, horizontal discharge
- RTMV for sheet metal roof, vertical discharge

- RTLH for tar paper roof, horizontal discharge
- RTLV for tar paper roof, vertical discharge

Connection to sheet metal cladding

Implemented by drawing the underlay up over the drain collar, then securing the drain to the outer edge of the collar. The outer sheet is welded to the collar. (Double seams and soldering may also be permitted).

Connection to tar paper cladding

Implemented by bonding the perforated drain collar to the underlay. The outer tar paper is fully bonded to the collar.

Roof drains



Leaf strainer/leaf strainer cover not included.

Roof drain with seam/
welded collar, horizontal

Art. No.	Downspout dimension [mm]
RTMH75	75
RTMH100	100
RTMH110	110

Total length from cone centre to outer edge: 350 mm.
Available in required pipe dimensions and lengths.
Special sizes also available
Can be supplied with perforated collar for tar paper/cloth.



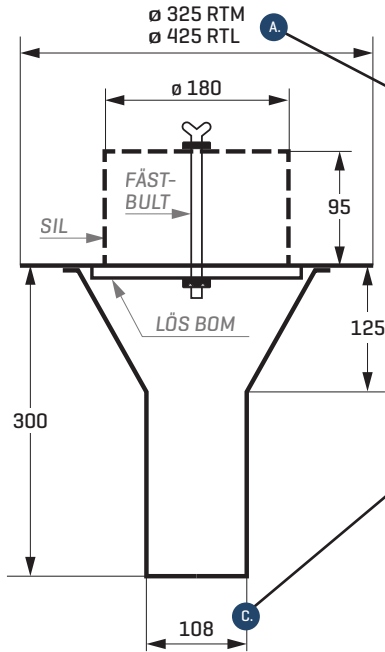
Leaf strainer/leaf strainer cover not included.

Roof drain with seam/
welded collar, vertical

Art. No.	Downspout dimension [mm]
RTMV75	75
RTMV98	98
RTMV108	108

Total length 300 mm.
Available in required pipe dimensions and lengths.
Special sizes also available
Can be supplied with perforated collar for tar paper/cloth.

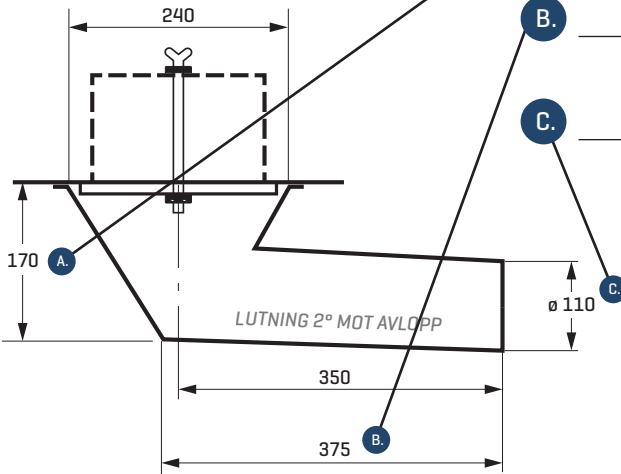
We can fabricate custom roof drains to your specifications.



A. _____ mm

B. _____ mm

C. _____ mm



A. _____ mm

B. _____ mm

C. _____ mm

Strainers



Strainer for roof drain

Art. No.	Designation
209928	Leaf strainer for RT drain



Strainer for roof drain

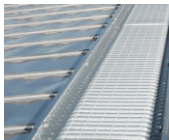
Art. No.	Designation
209929	Leaf strainer cover for RT drain



Roof safety

We produce roof safety systems in acid-proof stainless steel.

Ladders and walkways



Footbridges

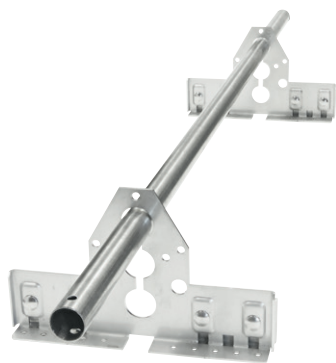
Art. No.	Dimension [mm]	Length [mm]
GB	350	2400



Acid-proof roof ladders

Art. No.	Length [mm]
TS	2400

Other formats on request, including special designs.



Acid-proof snow guard

Art. No.	Length [mm]
SRS	2400

Other formats on request,
including special designs.

Safety rail

Art. No.	Length [mm]
NR	2400

Other formats on request,
including special designs.

Other



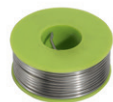
Stainless vent cover

Art. No.	Downspout dimension [mm]
TH100	100
TH125	125
TH160	160



Plug

Art. No.	Diameter [mm]
Lock150	150
Lock270	270
Lock400	400



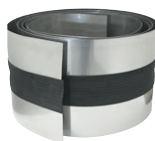
Soft solder with flux

Art. No.	Size
981	Roll



Protectum

Art. No.	Size [mm]
RS22ES	Straight 22
RS25Fals	Angle 25



Expansion strip, acid-proof

Art. No.	Width [mm]	Thickness [mm]	Length [mm]
982	400	0.5	6000



Stainless steel screws

Art. No.
Sheet metal screws
Screws
Blind rivets



Strainer insert

Art. No.	Size
Strainer insert	Any diameter



Runoff strainer

Art. No.	Size [mm]
Sildv95	95

Installed inside runoff pipe



Krabban brackets with insulation spacers

Wide range available



Stainless clamps for seam welding

Wide range available

Rostfria Tak provides expertise, training and consultation

Rostfria Tak has very broad expertise in stainless waterproofing with technical solutions that can be highly useful in the planning phase. We therefore offer design consultation, which includes help in assembly and machine learning for welding equipment.

Specialist knowledge

The right information ensures that the job is done correctly. Trusting us as specialists ensures a long-lasting stainless steel roof or façade, without time-consuming and costly maintenance.

Sale of stainless steel

Rostfria Tak Sverige AB provides everything for seam-welded stainless steel roofs, waterproofing and façades: sheet metal with accessories, machinery and expertise.

Our primary clients are the construction industry and sheet metal workers, but also include private customers and other interested parties. Our accumulated experience covers a broad range

of expertise, and we are also ready to assist with training where special methods are needed.

In-house production

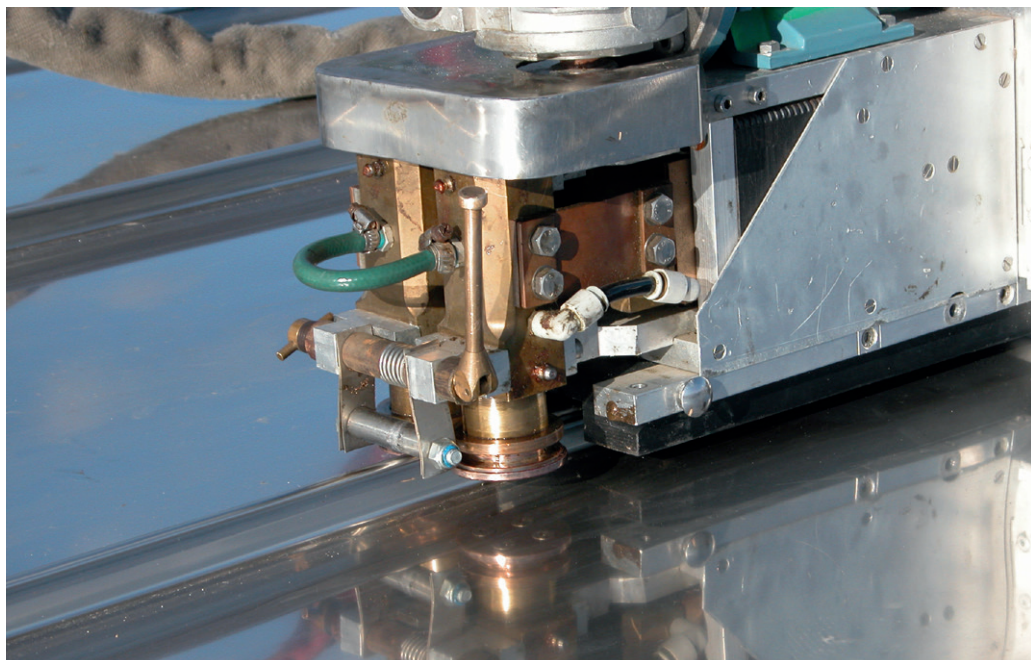
We also manufacture specially adapted products to suit customer needs, such as stainless steel cornice gutters and terrace and balcony floors. We also produce fittings and sections for the construction industry.

Mission and vision

Our mission is to supply high-quality products and services and to pass on our love for and knowledge of stainless steel to architects, designers and sheet metal workers.

Rostfria Tak always offers

- Sale of stainless steel roofs, façade materials, seam welding equipment and required accessories.
- Service for existing stainless steel roofs and façades.
- Contact with skilled professional sheet metal contractors for stainless steel projects in Sweden.
- Consultation and start-up assistance for sheet metal workers and sheet metal shops.
- On-site training in seam welding of roofs.
- Assistance with project start-up.
- Phone and email support.



For information on training
and consultation, contact:
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Email: fredrik@rostfriatak.se



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Image courtesy of Rimex FMH Stainless