EDGE PROCESSING PERFECTION

More efficient production processes made easy.

EDGE PROCESSING TO CUSTOMER SPECIFICATION

A perfect weld seam requires perfect preparation with a bevel that is optimally adapted to meet the requirements.

The shape-cutting facility of the voestalpine Steel & Service Center meets customer specifications with the most modern production units and a wide range of processes. Flame cutting of highly complex and very thick shapes is one of our specialties.

The result is more efficient production processes at the customer site, where employees can concentrate on their expertise. Your qualified personnel will never have to cut bevels themselves by hand or with less suitable equipment. Cut shapes with a prepared weld seam are a great advantage, especially when you are working with high-strength and wear-resistant steels.

RELIABILITY

HIGH LEVEL OF QUALITY

CUSTOMIZATION

EFFICIENCY

Benefits at a glance

- Bevels in all thicknesses and shapes
- Executed in large-scale production facilities
- High precision
- Reduced lead times
- Everything from a single source, one worry less

voestalpine Steel & Service Center GmbH
www.voestalpine.com/ssc

voestalpine
ONE STEP AHEAD.

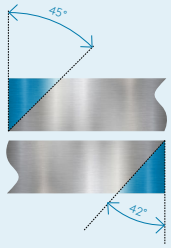
MOST MODERN PLANTS

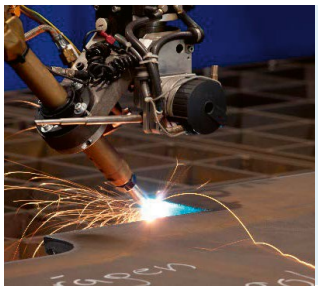
Our shape-cutting facility is equipped with an extensive range of the latest generation of machinery.

PLASMA

Cutting and beveling in one operation in a unit equipped with a 3D cutting head.

» Large cutting range
» Cutting and edge processing in a single step
» Continuous bevel angle adjustment

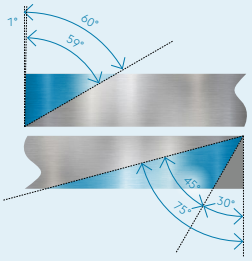




CHAMFERING ROBOT

Maximum degree of freedom in design.
Even complex parts can be beveled from below.

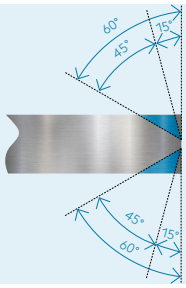
» Less waste material
» High-precision cutting in inner contours and corners
» Continuous bevel angle adjustment

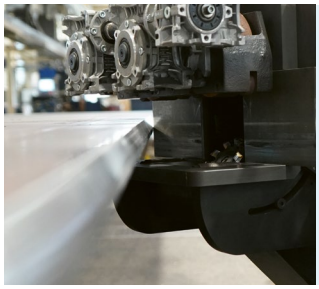


THREE-TORCH CUTTING

Effective and process-reliable edge processing by means of a three-torch system.

» Upper and lower bevel angles possible in a single work step
» Maximum cutting range

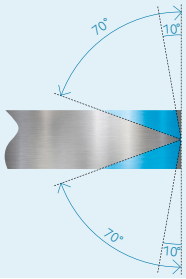




CHAMFERING TOOL

Versatile and high-precision chamfering.

» Infinitely adjustable angles
» Two-sided processing
» No edge hardening
» Scale-free and oxide-free weld joint preparation



	Plasma	Chamfering robot	Three-torch cutting	Chamfering tool
Bevels	V, X, Y	V, X, Y, K	V, X, Y, K	V, Y, K, X, J
Bevel heads	3	1	2	1
Angle range	0° – 45° upper bevel 0° – 42° lower bevel	1° – 60° upper bevel 30° – 75° lower bevel	15° – 60° in 0,5° increments	10° – 70°
Cutting zone	6,150 x 27,000 mm	2,000 x 8,000 mm	8,350 x 27,000 mm	linear, freely scalable, expandable
Thickness	8 – 25 mm	10 – 120 mm	8 – 100 mm	6 – 85 mm

Learn more about the voestalpine Steel & Service Center at
www.voestalpine.com/ssc

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