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.

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
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

<table>
<thead>
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<th>Bevels</th>
<th>Plasma</th>
<th>Chamfering robot</th>
<th>Three-torch cutting</th>
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<tbody>
<tr>
<td>Bevel heads</td>
<td>V, X, Y</td>
<td>V, X, Y, K</td>
<td>V, X, Y, K</td>
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<tr>
<td>Angle range</td>
<td>3</td>
<td>1</td>
<td>2</td>
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<tr>
<td>Cutting zone</td>
<td>0° – 45° upper bevel</td>
<td>1° – 60° upper bevel</td>
<td>15° – 60° in 0.5° increments</td>
</tr>
<tr>
<td>Thickness</td>
<td>6.150 x 27.000 mm</td>
<td>2.000 x 8.000 mm</td>
<td>8.350 x 27.000 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>8 – 25 mm</td>
<td>10 – 120 mm</td>
<td>8 – 100 mm</td>
</tr>
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