Technology

Plasma cutting

Plasma cutting is a fast thermal cutting process. In the thickness range from 2 to 30 mm, it is often the most economical.

We have two machines in operation:

- **A double-head plasma cutting machine**
  (underwater cutting is also possible)
  With a maximum flame-cutting width of 4200 mm and flame-cutting length of 39,000 mm.

- **An oxy-fuel/plasma bevel cutting robot,** which can cut bevels in the shapes V, V with land, double-V, double-V with land, HY / X / K, flat bevels, 4-way bevels

The plasma bevel cutting robot impresses with its accuracy in every repetition: In unalloyed and low-alloyed steels, our robot consistently cuts bevels with a bevel length of 5 – 50 mm on internal and external contours.

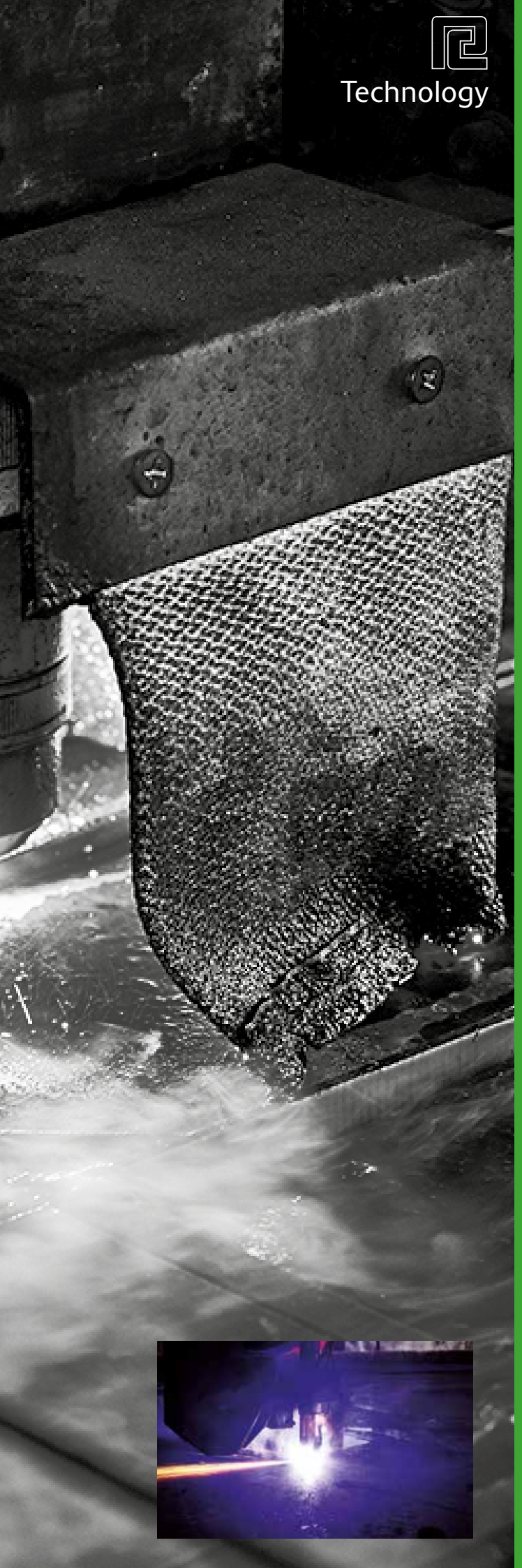
With plasma, we cut:

- Rings
- Circular blanks
- Rectangles
- Shaped part(s) according to drawing or DXF/DWG file
- Also in different planes
- Plasma marking

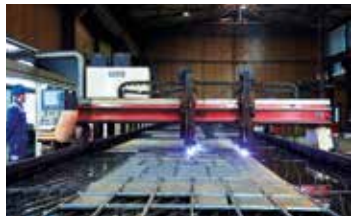
Do you have any questions about our possibilities?
We'll answer!

Tel: **+49 2131- 709 -0**
Mail: info@rosenberger-gmbh.com

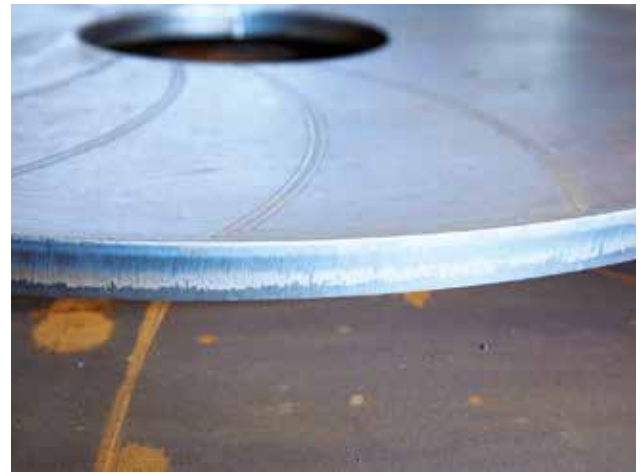
Bevel cut K-seam



Technology



Plasma cutting



Marked with plasma

robot bevels

Plasma cutting patterns

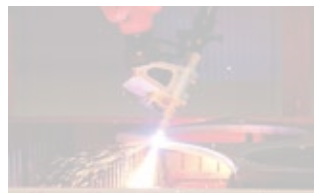
Bevel cut

Our expertise in plasma cutting/plasma bevel cutting is just one of many core competencies...

Oxy-fuel cutting

Plasma cutting

Laser cutting



3D plasma/oxy-fuel cutting robot

Initial processing

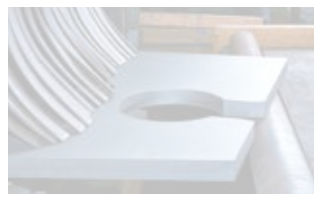
Straightening

Drilling, milling

Welding

Certifications, third-party approvals

Materials testing



Shot blasting, coating

Steel trading

etc.