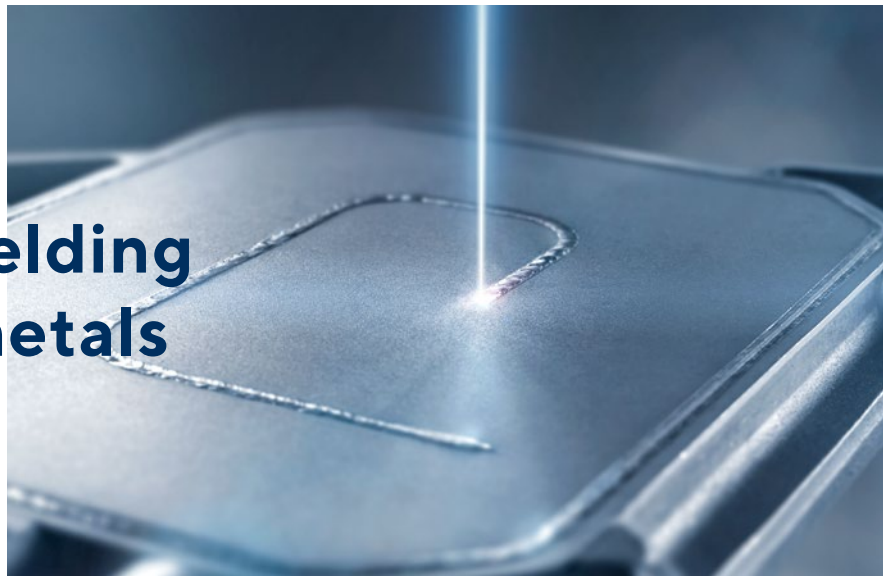


DEMANDING MATERIALS

**Expanding your
Horizons with
Electron Beam
Welding**



Your reliable partner for welding demanding metals



With almost 50 years of experience in electron beam technology, we know the industry-specific requirements and challenges of welding demanding metals and alloys. Since the electron beam is a highly efficient and robust tool, it is ideal for complex welding work. The electron beam process takes place in a vacuum and enables you to achieve high-quality weld seams and clean, oxidation-free workpieces that are ready to install - even for demanding materials like copper.

Our portfolio includes both customer-specific electron beam systems and contract manufacturing at our facilities. Our modern machinery has a high system availability, allowing you to manufacture everything from single parts to serial production, with component sizes ranging from small to extremely large.

MATERIALS

- ✓ Copper
- ✓ Aluminum
- ✓ Stainless steel
- ✓ Titanium

Benefits of our Electron Beam Process

- + Weld depth up to 200 mm
- + Consistently high quality
- + Maximum flexibility in design and material
- + Minimal distortion
- + First-time right
- + Less heat input
- + Highest productivity by single-pass welding
- + Reproducibility

Visit our homepage for further information on our electron beam solutions and get in touch via the contact form.

Contact

pro-beam GmbH & Co. KGaA
Zeppelinstraße 26
82205 Gilching

Phone: +49 89 899 233-0
E-mail: info@pro-beam.com

