



Electron beam welding

We can provide high accuracy EB welding on a range of materials, including: reinforced steel, aluminium, copper and titanium.

pronexos



Expertise

Electron beam welding can be applied for joining a wide range of materials with the advantage that no filler material will be required. This welding technique results in a small heat affected zone with minimal distortion of the overall product.

The welds produced are narrow and deep (up to 30mm) and as it takes place in a vacuum we can achieve almost pore-free welds. Computer controls ensure minimal operator dependence and a high degree of reproducibility. All welding activities are carried out in a clean room environment.

Pronexos can weld a wide range of materials, including – but not limited to – reinforced steel, stainless steel, aluminium, copper, titanium, zirconium and niobium.

Benefits

- Deep penetration
- Near parent metal strength
- Narrow fusion zone
- Minimum component distortion
- Precision repeatability
- High accuracy welding.

Industry sectors

- Aerospace
- Semiconductors



For further information
please visit our website
or scan the QR-Code:

www.pronexos.com



Management
System
ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007

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