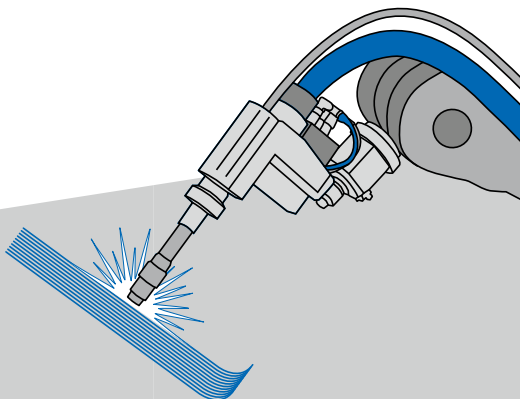


United in Wire

WAAM – wire arc additive manufacturing

The solution for prototyping
and small series production

- production of complex and size-independent components
- high productivity
- high material availability
- high-quality materials with specified properties



WAAM opens up completely new possibilities in the production of prototypes and also small series. The technique, also known as 3D printing, is based on an electric arc process. By melting a wire electrode, the desired component is created layer by layer, even with complex geometry. The advantages are obvious.

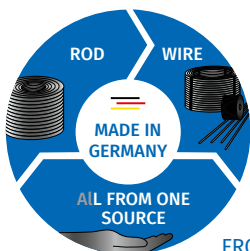
Alternative to steel or other materials

In addition, the material aluminium can make full use of its advantages here: As a sustainable material, aluminium is particularly convincing due to its lightness and high strength. The comparison with conventional materials such as steel or similar is worthwhile.

We offer a comprehensive selection of alloys. The following alloys in the dimensional range from 1.00 to 1.60 mm are particularly recommended for additive manufacturing:

4018, 4046, 5356, 5183, 5754, 2319

We are certified according to ISO 9001, IATF 16949 and ISO 14001 and in the field of welding wire also in accordance to EN 13479 and TÜV 1153. Numerous alloys are also subject to the strict guidelines of TÜV, DB and several shipping companies.



FROM ROD TO WIRE. ALL FROM ONE SOURCE.



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