



quada
ART OF LASER

The Company

Be special, be different

with laser welding equipment and with ideally matched laser filler wire. For this reason we, Swen Freeth and Detlef Voigt founded **quada** in 2003. In 2005 we changed the name to **quada Laserschweißdraht GmbH**.

More effort and service as well as our acquired technical knowledge, from which our customers benefitted, were the guarantees for successful development of **quada**.

Over the years we have been able to offer our customers a technical and commercial service which has been honoured by them. The customers have used our expertise and experience as well as the quality of our products to develop their own commercial success. As a system supplier of special wires and developer of laser welding wires **quada** has become a specialist in the field of laser welding and is in much demand worldwide.

Today **quada** is well known as the contact address and partner when customers are searching for solutions in the field of laser welding wires. The individual advisory service with quick internal processing has led to a unique Full-service.

That stands for our competence.





Products

Laser filler wires | Laser systems |
Design of laser work benches | Laser work benches

Laser-Filler-Wires



quada manufactures laser filler wires themselves and also under licence. **quada** supplies the wires for all laser welding applications in the industry and medical technology. All laser wire qualities are available as rods or spooled onto bobbins. Material weights from 100 grams can be supplied. Diameters of 0.127 to 1.2 mm and for WIG/TIG wires up to 3 mm can be supplied. We can also offer all normal spool sizes. Also individual special solutions for laser filler wire qualities and tailoring belong to our spectrum. Ask us.

Laser-Filler-Wires



- On Bobbins/Spools:
- from 100 g is possible
 - all normal spools are available
 - \varnothing 0,127 - 1,6 mm

- As rods:
- \varnothing 0,2 - 3,0 mm
 - Rod lengths:
333 mm, 457 mm,
1.000 mm



Solutions

You want to implement a new technical challenge in the shortest of time? **quada** is your perfect partner. Whether a new development or material analysis, we will support your own resources in order to achieve a quick remedy. Our analysis in our own Technological and Research Centre as well as our widespread network with research institutes are a guarantee for a lasting commercial and perfect technical solution.

Our expertise: **quada** has been able to solve all problems presented to date.



Laser Systems

- | free 3D movements
- | flexible robot arm





As a partner of ALPHA LASER we supply the whole range of laser welding equipment in parts of Germany and Europe. We have an optimum equipment solution ready for use. For series production or individual use we can advise you on the perfect laser welding equipment. Contact us and let us demonstrate the advantages of ALPHA LASER equipment.

Variety.

As manufacturer and trader we are also responsible for the trustful and safe handling of our products. Our patented, staple-bare, colour-coded wire packages help to avoid mistakes. perfectly thought out ideas. Typical for **quada**. Always an idea ahead





Position		Laser	
X	28.301	925 W	
Y	-75.713	7.4 ms	
Z	31.819	9.5 Hz	
R	0.000	1.0 mm	
Geschwindigkeit		Shape_0	
X	0.00		
Y	0.00		
Z	0.00		
R	0.00		

Your team of experts

Laser welding is a complex operation. The combination of things decides the success. **quada** employs experts with long experience in the regions of metallurgy, wire technology and welding techniques in order to offer you, the customer, even more. These experts work with you on your commercial success. Guaranteed.

Performance
Development | Training | Solutions | Service

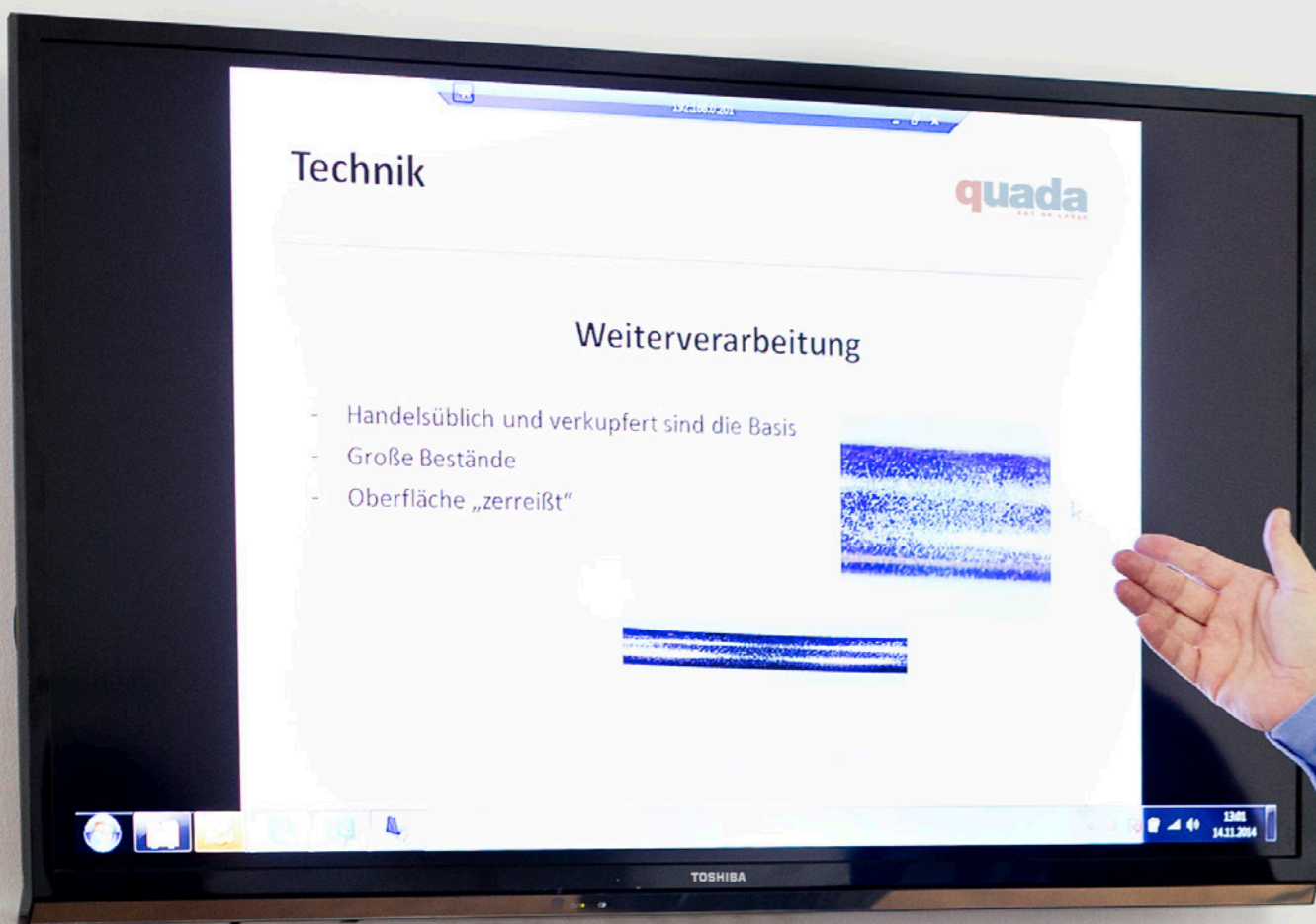


Development

Stagnation is regression.

We are always moving to improve our products even more. We devote ourselves to the constantly changing developments in welding technology and improve handling and materials.

In the **quada** Technology Centre we work on solutions, conduct training and improve our development.



Training

Know-how and experience are essential for laser welding. Most of the time experience is the decisive advantage in the solving of a difficult task.

quada offers support and a comprehensive training programme in different fields. Our well-trained experts help you to optimise your knowledge. Here is an extract out of our training programs:

- specific equipment training
- specific material training
- training in the usage of laser welding stations by parameter investigation
- welding practice with reference to safety
- assignment of the filler wires to the base material
(further training upon request)



Service

quada's good service is its additional benefit. Whether your wishes are large or small the **quada** team is there for you. Customer orientation is our number one.

We always want

- competent advice for the best solution of the customer's task.
- serious selection of the most commercial / efficient complete solution.
- an individual concept of the technical equipment according to the needs
- a perfect conception, supply and ready-to-use installation of the equipment.
- an intensive briefing and training
- an inspection of the equipment and modification to state of the art

Everything from one supplier.

Everything from quada



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