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Fraunhofer Institute for Production
Systems and Design Technology IPK

Joining and Coating Technology at
Fraunhofer IPK

We take thick plate
welding to the next level

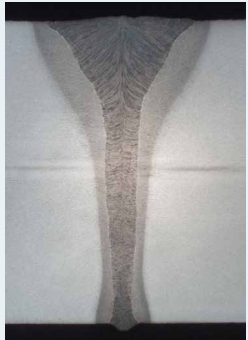
Significant cost reduction through modern technologies in thick plate welding

In recent years, the Joining and Coating Technology division at Fraunhofer IPK in Berlin has developed various approaches to significantly raise efficiency in welding of sheet thicknesses greater than 5 mm. Depending on the customer's requirements, process optimisation, innovative process combinations or latest high-performance joining technologies may be applied. We support you on your way to outstanding productivity of your joining processes, starting with potential assessment and implementation through to life cycle assessment of the processes.



86%

reduction of costs with our solution



Narrow-gap submerged arc welding (above) on a 30 mm sheet costs 3,40 €/m, laser hybrid welding (below) only 0,48 €/m.

Contact

Dr.-Ing. Max Biegler

Head of the Joining and Coating Technology department

Phone: +49 30 39006-404

max.biegler@ipk.fraunhofer.de

Fraunhofer Institute for Production Systems

and Design Technology IPK

Pascalstrasse 8–9, 10587 Berlin

www.ipk.fraunhofer.de

