



Cutting and welding optics for laser applications



In industrial laser robot applications, laser cutting optics are submitted to heavy-duty use. For example due to external influences such as process and material parameters.

Our optics have proven themselves more than 100 times in industrial daily routines and due to their robust design they are ideal for use in the field of 3D processing with robots.

We offer two types of laser cutting optics:

With focal lengths of 2.5", 3.75" and 5" as well as with a lens diameter of 1.1" the first group is especially designed for the range up to 600 W CO₂ laser radiation.

The second group, with a lens diameter of 1.5" and focal lengths of 3.75", 5" and 7.5" is suitable for the use up to 3 kW CO₂ and Nd:YAG laser radiation.

All optics are provided with a gas or water cooling and a lens drawer system as well, which is featured by minor maintenance expenditure and allows the use of a lens control unit (LCU).

The cutting optics are equipped with high-quality ZnSe lenses, which allow a reproducible replacement without recalibration/readjustment.

Of course and according to customer's request, we also offer design and construction of tailored optics for your special application.

We are always at your disposal for any questions or further information.

Contact

Reis Lasertec GmbH
St. Jobser Straße 53
52146 Würselen
Phone: +49 (0)2405/45468-10
www.reislasertec.de

REIS
REIS LASERTEC