



PLANT ENGINEERING

Laser technology



Market requirements

Whether intended for distance measurement, laser marking, laser cutting, welding or 3D printing of metallic components, functionally relevant laser technology system components require a deep understanding of the machining processes and the properties of the materials used. The higher the energy used, the more demanding the cooling required. To ensure the trouble-free flow of the cooling media, components and assemblies carrying liquid must be absolutely free of burrs and lint.

Our know-how

BBC Cellpack Technology has a long history of processing a wide range of engineering plastics and metals and is certified to EN 9100, ISO 13485, ISO 9001 and ISO 14001. Decades of experience with a wide range of production technologies, a comprehensive and up-to-date machine park and extensive knowledge of materials make us the preferred machining specialist for all industries. Process control is crucial to this and also includes finishing steps such as dry ice blasting to remove burrs and lint.



Examples

BBC Cellpack Technology has built up a very solid know-how over the past few years with the production of components such as cooling plates, water distributors, pump distributors or filter housings. Demanding components, as in this case for the laser industry, require a great deal of knowledge about material behaviour, about changes during processing or in the application due to the effects such as temperature and humidity, also with regard to the selection of suitable materials and compliance with the tightest manufacturing tolerances.

Our strengths

With its versatile machinery, a large network of technology partners, a flexible quality management system and great interest in new manufacturing processes, BBC Cellpack Technology is ideally equipped to meet almost any challenge. We offer solutions from a single source and are flexible with delivery dates, especially when ambitious target dates such as market launches are imminent. Thanks to our trading business, we have access to very specific and rare materials.

We deliver solutions

with the highest level of manufacturing expertise.

Your benefits

- The complete solution from a single source.
- Technical lead through the highest level of manufacturing expertise and specific industry knowledge.
- Able to deliver, even for special requirements.



ISO 9001 (Quality management)
ISO 13485 (Medical technology)
EN 9100 (Aerospace)
ISO 14001 (Environment)



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Contact us for a consultation appointment!

