



# CONNECTIVE SOLUTIONS

INNOVATIVE LASER TECHNOLOGY

AUTOMOTIVE | MEDTECH | CONSUMER



# EVOSYS lasersolutions

## HIGH-END LASER TECHNOLOGY

EVOSYS develops and manufactures tailor-made laser systems for material processing. With our many years of market and process experience, we offer creative and innovative solutions for demanding machining tasks - especially in laser plastic welding. We are the leading specialist for technically sophisticated process modules and systems for laser plastic welding.



**High-tech engineering**  
with worldwide  
orientation



Together more than  
**150 years of experience**  
in laser material  
processing



Focus on  
**quality and customer  
satisfaction**



## Customer first

### **CUSTOMER BENEFIT AT THE TOP**

Whether a simple off-the-shelf machine or complex special systems, EVOSYS is the ideal partner for you to turn your challenges into solutions. By working in partnership with our customers, we can also optimally integrate complex systems into existing production processes.



**Reliable processes**  
through know-how  
advantage



**Shorter cycle times**  
through NGO  
technology



**Easy integration**  
through  
OOTB technology



## EVOSYS team

### WE ARE LASER TECHNOLOGY

Our EVOSYS team has redefined laser technology and applied all its experience and passion from almost 20 years of laser technology.

Our employees are highly specialized in this field. With their process competence, they realize economical systems with highest process availability and shortest delivery times.

#### PROUD WINNERS OF THE IHK FOUNDER AWARD 2018:

the two EVOSYS Managing  
Partners Frank Brunnecker  
and Holger Aldebert



# Mobile and innovative **AUTOMOTIVE**

As a technology partner, we inspire our customers in the automotive industry with highly flexible and custom laser systems. We realize innovative joining solutions for pioneering vehicle components from the interior and the powertrain, to components for engine management, sensors for autonomous driving, electric drives or batteries. Our systems used worldwide are designed for a smooth 24/7 production. We know how important the customers of our customers are.



## ► **Cover Welding Gear**

Quasi-simultaneous welding

Material PA6 GF30

Colour natural/black

Tightness IP6K7





## Safe and reliable **MEDTECH**

### ► **Requirements for medical parts**

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Clean and particle-free

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Without additives

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Reliable

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Due to the constant development of new treatment methods, the importance of reliable production processes in the healthcare sector is increasing rapidly. We support you with our engineers and their many years of experience in the field right from the first development steps for new products and associated joining tasks through to complete solutions for your production.

Total reliability, complete documentation and implementation of the highest cleanliness requirements are always at the forefront.



## First-class expertise

### **PROCESS SUPPORT RIGHT FROM THE START**

The most important cornerstone of a robust welding process is the support of experts in the early phases of a project. Our application experts have decades of experience in laser plastic welding technology and have successfully put hundreds of processes into series production. Ask us for a personal consultation in which we consider your individual concerns and point out solutions to you.

► **Process Module  
EVO 0700**

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Radial welding

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Incl. process control

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Laser safety housing

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Fast integration

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## Easy integration

### **EVOSYS PROCESS MODULES**

You only want to procure the process, not a complete system? We redefined Plug & Play. From our experience, we have derived precalibrated process modules. Including laser and welding process control. Worldwide exchangeability and process transfer are now easier than ever before. Upon request, we can produce the modules including suitable process monitoring and support you during the initial setup in your production.

- **INTEGRATED LASER AND PROCESS CONTROL**
- **CALIBRATED AND ADJUSTED BASIC MODULES**
- **DOCUMENTED BEAM POSITION AND DIMENSION**
- **REPRODUCIBLE AND COMPARABLE PROCESSES**







## Fast start

### **EVOSYS COMPLETE SYSTEMS**

Based on the modular approach of our process modules and integration systems, we build complete systems for the different welding processes. Due to the high degree of standard modules a unique flexibility, economy and time-to-market is achieved.

- **SYSTEMS FOR SIMULTANEOUS, CONTOUR, QUASI-SIMULTANEOUS OR RADIAL WELDING**
- **INTEGRATED LASER AND PROCESS CONTROL**
- **EXTENSIVE INTERFACES TO HOST COMPUTERS**



3D-processing of design lights - for us a solvable task

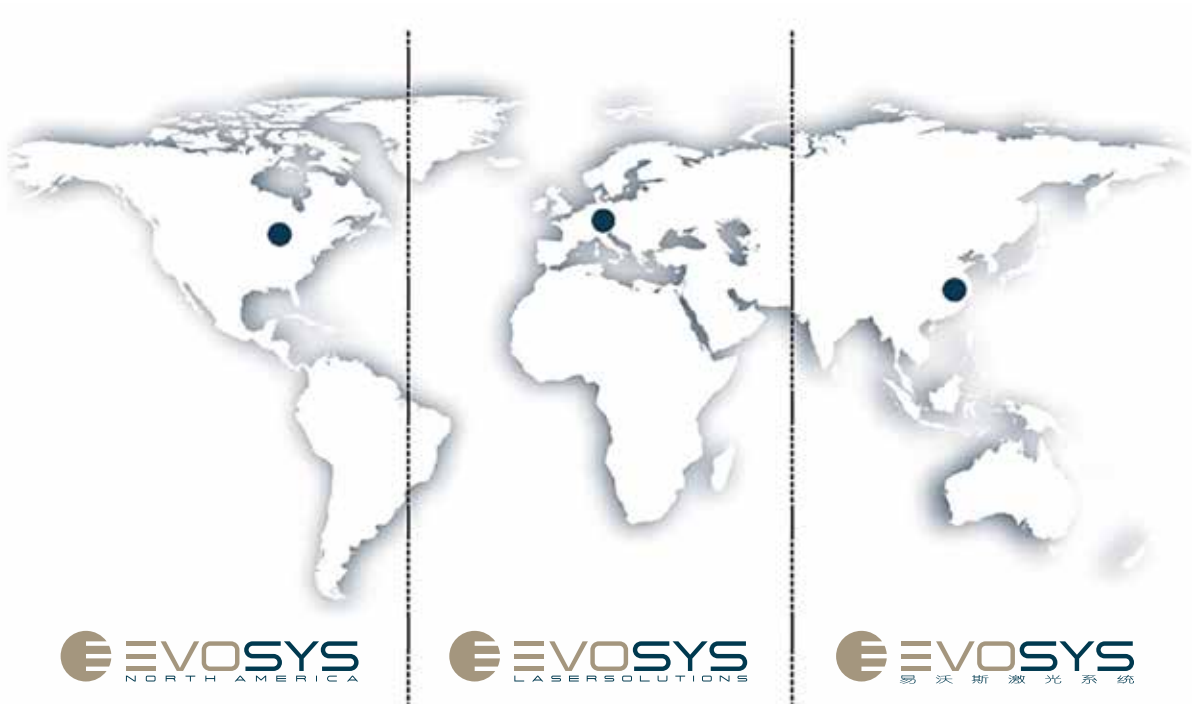


## Maximum flexibility

### **EVOSYS SPECIAL SOLUTIONS**

It does not work? Our customers will not hear that from us. We see ourselves as a solution provider who can deliver economical systems even for demanding tasks.

With highly individual solutions, we make full use of our experience in process technology and mechanical engineering. Through our standardized process modules and new approaches, we harmonize customer requirements with economic efficiency.



## Globally successful

### **CLOSE TO THE CUSTOMER**

From the very beginning, we have relied on worldwide subsidiaries to meet the requirements of their region and to be able to supply uniform quality standards.

Our proximity to our customers ensures fast after-sales service in addition to professional sales and local technical centers. We are able to integrate process modules locally into a plant or supply complete systems



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DYNAMIC.  
INNOVATIVE.  
QUALITATIVE.

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