

EVO 2800

the universal solution

- ▶ Highest economic efficiency
- ▶ Low space requirement
- ▶ Reliable processing
- ▶ Intuitive EvoLaP process software
- ▶ Evosys Calibrated Quality Concept



The **EVO 2800** is a universal laser welding machine for processing small and medium series. Depending on the application, the system can be equipped with different laser sources and optical modules, thus offering a wide area of operations.

With a footprint of approx. 1 m², the system fits into any application environment. Virtually maintenance-free and service-friendly, the **EVO 2800** is predestined for use in 24/7 production.

For convenient operation, the system is equipped as standard with the intuitive EvoLaP process software and can therefore implement a wide range of different machining tasks.

The **EVO 2800** undergoes the unique CQC calibration concept of Evosys Laser GmbH, which ensures comparability of systems. The machine is available with various online monitoring modules to guarantee quality even during production at the customer's site.



High-tech engineering with worldwide orientation



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



Focus on **quality and customer satisfaction**



Shorter cycle times through NGO technology



Reliable processes through know-how advantage



Easy integration through OOTB technology



MEDICAL



AUTOMOTIVE



CONSUMER

Technical Specs

The **EVO 2800** has a standard housing. All components such as laser, control unit and rotary indexing table are integrated in the housing. The system can be used for both contour and quasi-simultaneous processes.

Laser class	1
Laser power	250W – higher power on request
Laser wavelength	980nm – other wavelengths on request
Processing field	180 x 180 mm ²
Power supply	400V, 50-60Hz, max. 3kW
Air supply	4.5 to 10 bar compressed air according to DIN 8573-1 class 1-4-1
Dimensions (WxDxH)	approx. 820 x 1.460 x 1.840 mm ³
Configuration	Dual rotary table (Servo driven) High precision collapse control Automatic clamping force control Industrial PC with multi-language HMI, touch optimized Open interfaces EvoLap process software
Options	output increase, temperature control, force measuring system, package «automatic assembly», tool coding, part recognition, NIO box, transformer

EVOSYS is the ideal partner for laser welding of plastics. Whether a simple off the shelf machine or complex customized systems, we will convert your challenges into solutions.

We are the specialists when it comes to bringing the latest optical technology into your production!

CONTACT

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