

# ECOMARK

whatever you brand

## LASER BRANDING REIMAGINED: **EASY BRANDING BY ECOMARK**



Maximum productivity  
through conveyor belt /  
Marking in throughput


Flexible due to unique  
product recognition

Investment security because  
easy for new parts programmable

**EASY BRANDING** is the first series laser machine that allows you to automatically and quickly mark a wide variety of workpieces „on the fly“ on a conveyor belt.

# SERIOUSLY BETTER: MORE ADVANTAGES OF THE ECOMARK EASY BRANDING SERIES

- + **MODULAR DESIGN** enables pre-production of assemblies that are assembled according to your requirements
- + **SHORT DELIVERY TIMES:** usually no customer-specific development necessary
- + **COST-EFFECTIVE** low-maintenance operation without consumables
- + **RESISTANT** to mechanical stress, chemicals, heat, coldness and moisture
- + **RELIABLE** clean, permanent marking with the highest precision
- + **DURABLE** robust, reliable top quality



**EcoMark Software**

- Rights and order management
- Industry 4.0 ready
- OPC UA interface

**3D camera system (option)**  
In the first station, the workpiece is measured three-dimensionally. The position and orientation of the marking are then calculated and transferred to the laser.

**Robot unit (option)**  
for automated sorting / packing of the workpieces.

**Laser with optional xyz axis**  
The laser can be moved in three axes to ensure the best laser results for all workpieces. Whether you place one or several workpieces directly on the conveyor belt will be automatically detected by the machine and the processes get adapted.

**Camera system for I/O check (option)**  
In the I/O station the QR code is checked for readability.

## EASY BRANDING MACHINE EB 03 SERIES

TECHNICAL DATA	Professional	Light-Version
<b>Outer dimensions (L x W x H)</b>	3,800 x 1,300 x 2,000 mm	like Professional
<b>Weight</b>	from 900 kg (acc. to equipment)	like Professional
<b>Max. size of object (L x W x H)</b> <b>Max. laser area (L x W x H)</b>	520 x 400 x 300 mm 500 x 400 x 300 mm	like Professional like Professional
<b>Laser output</b> <b>Laser safety</b>	depending on laser type and supplier Class 1	like Professional like Professional
<b>Product detection</b>	2D/3D camera or photoelectric sensor	Photoelectric sensor
<b>Electrical connection</b>	380V 16A	like Professional
<b>Extraction with filter system</b>	optional	like Professional
<b>Statistics module</b>	yes	no
<b>Number of CNC axes</b>	up to 4	up to 2
<b>3D camera measurement accuracy</b>	up to +/- 0,05mm	-