



# Build-to-Order

## Laser Marking Systems



### Build-to-Order System Laser Marking Machines

Tykma can design and build an engineered system to suit your unique application. First, we evaluate your part marking requirements, determine your operational needs and evaluate your production environment.

Next, our skilled Engineers will design the marking system to your exact specifications, safety and size conventions. Beyond the machine design we also provide custom tailored software interfaces and routines for in plant data collection to improve your overall productivity, ensure quality and reduce downtime.

Contact a TYKMA sales engineer now to start your special build to order design and find out how we provide solutions to any product marking requirement.

### Custom Designs

- Automatic Dataplate Feeding Systems
- Robotic Part Load / Unloading
- Automated Part Handling
- Dual / Multi-position Shuttle Tables
- Custom Part Fixtures and Trays
- Machine Vision and Part Inspection
- Linear / 2D Barcode Reading and Grading Systems
- Custom Software/Database Solutions
- And more...

### Powerful. Simple. Affordable.

TYKMA Technologies • P.O. Box 917 • 931 East Water Street • Chillicothe, Ohio 45601  
Phone (740) 779-9918 • Fax (740) 779-9910 • Toll Free 877-318-9562 • [www.permanentmarking.com](http://www.permanentmarking.com)

## Optional Features

Light Curtains

Safety Mats

HMI's

Part Fixtures

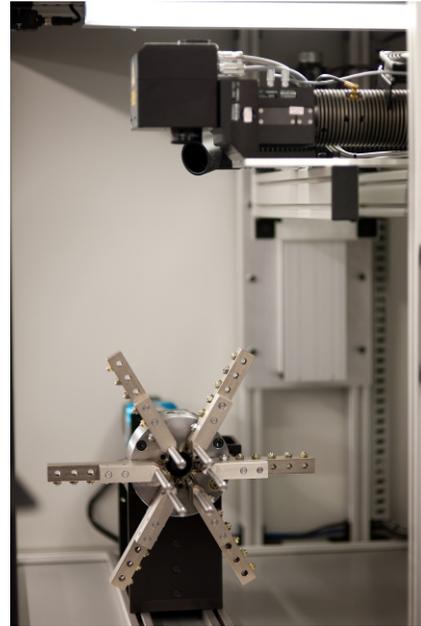
Custom Software Solutions

Automated Material Handling

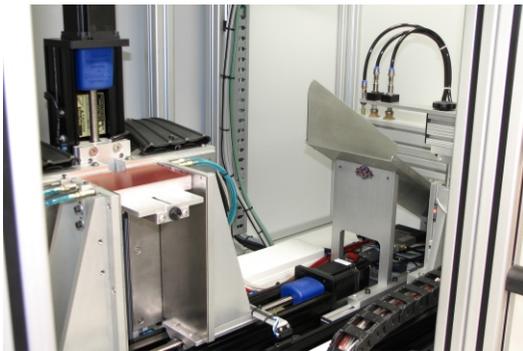
Robotic Integration

Vision Systems

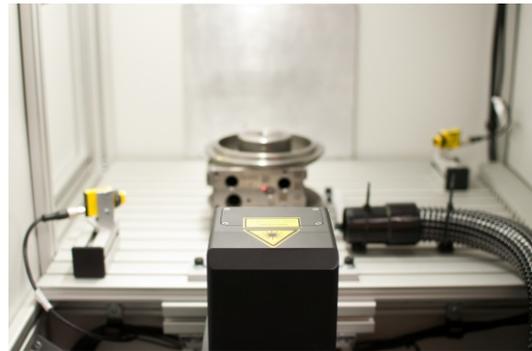
Custom Tooling



Custom Part Handling



Tag Feeders



Custom Fixtures and Part Verification

TYKMA Build To Order Laser Systems are a Class 1 laser product in full compliance with CFR1040 and/or other applicable national and local regulations. The system includes proper interlocks, indicators, switches, etc. TYKMA Custom Systems complies with EEC Rules 2004/108/EEC: "Electromagnetic Compatibility"; and 2006/95/EEC: "Low Voltage". The laser is also compliant with EU Standards: EN61000-6-4, EN61000-6-2, EN60204-1 and EN60825-1.

Laser interaction with organic or inorganic materials can cause TOXIC FUMES/PARTICLES. TYKMA highly recommends and provides a variety of fume extraction equipment to minimize dust, fumes or smoke that can be created during deep engraving or the marking of plastics, anodized, painted and other coated materials. Proper use and maintenance of your TYKMA Laser Marking System ensures optimum performance and prolongs equipment life.



Build To Order Rev 1: 3/12

*TYKMA follows a policy of continuous product improvement. Specifications are subject to change without notice.*

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