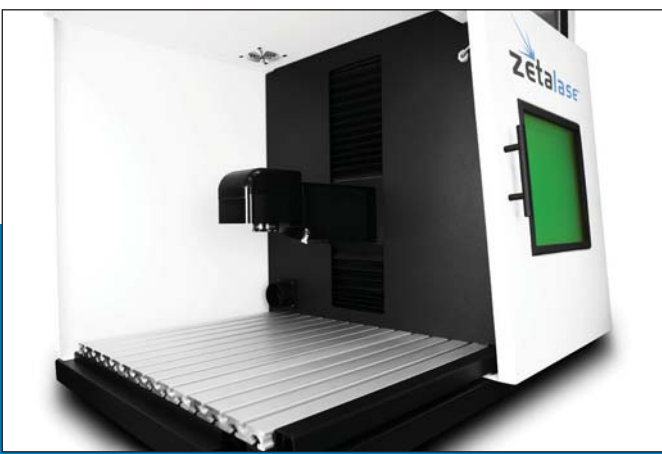




Full-Size Configuration.

Premium Features.





ZSE SERIES

With its large work area and premium feature list, Zetalase™ can do it all.

An expansive work envelope provides capability for marking a wide array of parts, large or small, light or heavy. In addition to the front sliding operator door, the side access door provides operators 180° access to the expansive 18" x 24" part loading area.

Zetalase™ features an onboard processor and a 10" touch screen monitor. Our touch interface software allows operators to quickly and easily select and edit pre-configured marking programs on the fly.

Programming with our Minilase™ Pro SE software enables you to easily mark text, barcodes, serial and date codes, graphics and more.

Utilize our full-size rotary device for 360° radial part marking. Upgrade to an automatic part loading door or programmable focal height to increase operator ergonomics.



FEATURES:

- Air-Cooled, Maintenance Free Design for Industrial Applications
- Advanced MOPA Fiber Laser Engine from 10 to 50W with Selectable Pulse Durations
- Front Sliding Part Loading Door with 180° Side Access
- Power Focal Height Adjustment with Focus Finder Tool
- Heavy Duty Membrane Operator Pendant and T-Slot Work Surface
- Onboard Processor with 10" Touch Screen Interface
- Rear Access Panel with Ethernet, USB, Keyboard, Mouse and Secondary Monitor Hookup.
- Auto Mode with Automatic Marking Start Upon Door Closure
- Ideal for Marking all Metals, Carbide, Painted/ Anodized Materials & Most Plastics
- Comprehensive 3-Year Warranty

Technical Specifications	
System Dimensions / Weight	40"W x 26"L x 35"H / 306lbs
Standard Marking Field	160S (100mm x 100mm) (3.93" x 3.93")
Standard Max Part Size (160S Lens)	24"W x 18"L x 9.625"H (mm) 609W x 457L x 244H
Available Marking Lens Upgrade and Marking Fields	254S (140mm x 140mm, 5.5" x 5.5") 254L (165mm x 165mm, 6.5" x 6.5")
Maximum Part Height with Lens Upgrade	(254S) 5.625"/142mm (254L) 2.5"/63.5mm
Laser Type	Ytterbium Fiber
Wavelength	1062nm +/- 3nm
Wattage	10W / 20W / 30W / 50W
Frequency Range	1kHz - 500kHz (10/20/50W) 1kHz-1,000kHz
Pulse Duration	(10/20/50W) Selectable, 260ns or 40ns (30W) 29 Selectable from 220ns - 15ns
Operative Ambient Temperature Range	45° F to 110° F
Cooling	Air Cooled
Input Power	Power Sensing 110-240VAC 50/60Hz
Aiming Beam	(2) Class IIM Red Diode (635nm)
PC	Integrated Windows PC w/10" Touch Screen Monitor
Available Ports	Diagnostic/USB/VGA/Ethernet
Warranty	36 Month Comprehensive Unlimited Hours
Documentation	USB Drive / Quick Start Guide Video Tutorials / Software Manual Safety Manual / Laser Settings Manual (Manuals Provided in Digital Copy)
Optional Accessories	<ul style="list-style-type: none"> • Full Size Rotary Device (360° Marking) • Programmable Focal Height Adjustment • Fume Extraction • Footswitch for Start Mark • Automatic Part Loading Door • Mobile Base

Zetalase™ is a Class 1 laser product in full compliance with CFR 1040. The system includes proper interlocks, switches, etc.

Laser interaction with materials can create fumes and/or particles. TYKMA highly recommends the use of fume extraction equipment to minimize dust, fumes or smoke that can be created during the marking, etching or engraving process.



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

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