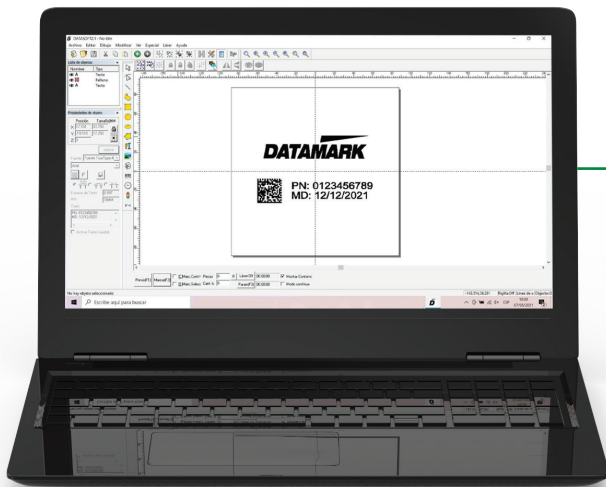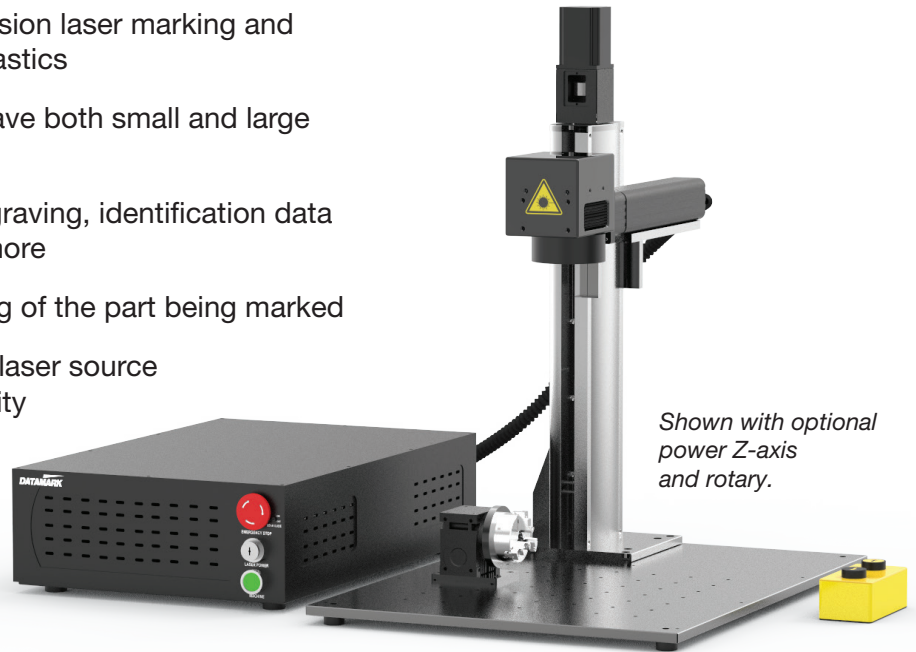## Open-architecture MOPA fiber laser marking and engraving workstation.

- A powerful solution for high-speed, precision laser marking and engraving of metals, alloys, and many plastics

- Class 4 configuration allows you to engrave both small and large parts without the limitations of a cabinet*

- Great for machined parts, deep laser engraving, identification data plates, firearm components, and much more

- Offers total 360° access and easy viewing of the part being marked

- Choice of 20, 30, or 50-watt MOPA fiber laser source allowing for maximum application flexibility

- 4.33" x 4.33" or 6.7" x 6.7" marking window

- Onsite training available

Shown with optional power Z-axis and rotary.

DATASOFT™ LASER MARKING SOFTWARE

The 4ix includes feature-rich laser marking software to easily mark text, graphics, serial numbers, date codes, Data Matrix and QR codes, UID and UDI syntax, linear barcodes, and much more. Requires a PC running Windows 7, 8, or 10 (not included).
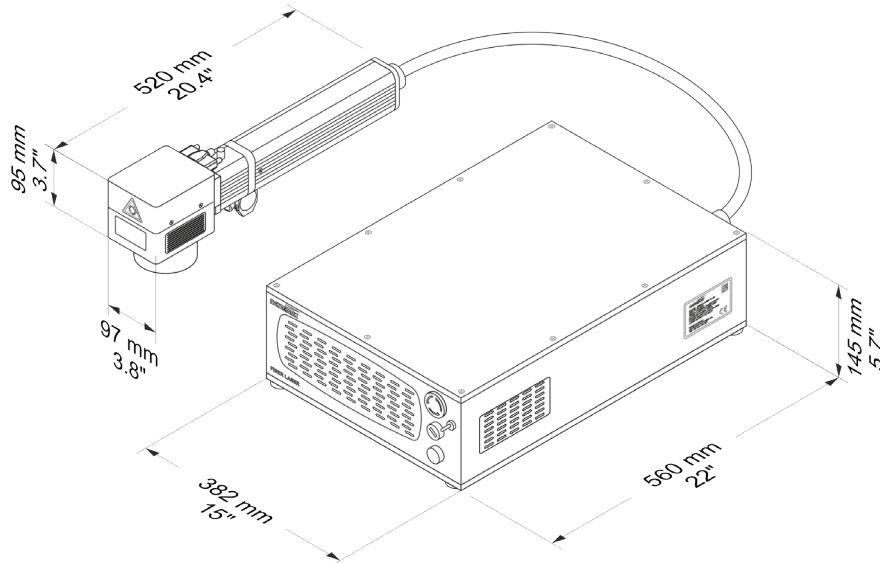
OPTIONS:

- Power Z-axis
- Rotary for marking round parts
- Industrial fume extractors (integrated port standard)
- Marking fixtures

ALSO AVAILABLE:

- Class 4 mobile workstations
- CDRH Class 1 benchtop workstations
- Turnkey custom solutions

* Eyewear and other safety restrictions are required when operating Class 4 laser systems.

SPECIFICATIONS:

Full Workstation Dimensions:	24.00" W x 15.00" D x 27.75" H
Material Types:	Steel, Aluminum, Alloys, Plastic, Polymers, Leather, Rubber, and more
Mark Types (Setting Dependent):	Etching, Engraving, Deep Engraving, Annealing
Laser Power:	20W, 30W, or 50W
Laser Source:	Ytterbium Fiber
Operation State:	MOPA
Pulse Duration:	200 ns
Wavelength:	1064 nm
Frequency Range:	1-600 kHz
Cooling:	Air
Rating:	Class 4
Safety:	E-stop
Focus Alignment:	Class II Red Diode (635 nm)
Marking Window:	4.3" x 4.3" or 6.7" x 6.7"
Power Requirement:	110V / 115V
Operating Temperature:	32° to 104° F
Control:	Software (Windows PC)
Warranty:	12 Months

Standard package includes: 4ix series benchtop laser controller and marking head, baseplate, Z column, lens, laser safety glasses, manual, and DataSoft PC software package (PC not included)

DATAMARK™
NORTH AMERICA

A SUBSIDIARY OF DAPRA CORPORATION

66 Granby St., Bloomfield, CT 06002 | 860-286-8728 | Fax: 860-242-3017

800-442-6275 | **WWW.DATAMARK-NA.COM** | **info@datamark-na.com**