



# Vytek

**LASER SYSTEMS**

Axiom delivers an unprecedented combination of fast scanning speed and large working area that meets the most demanding laser system challenges. Our large field galvo-based laser system features small spots and large working areas - without sacrificing one for the other!

Automates material handling for maximum throughput



Easy set-up and operation



Convenient enclosure includes sliding doors on front and both sides providing 3 points of access



Self-contained system with Class 1 enclosure

Large size well suited for high volume and oversized parts manufacturing

## Maximize Throughput with Automated Material Handling

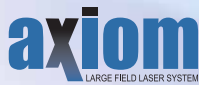
- Conveyer
- Shuttle trays or parts in and out
- Pass-through
- Multiple rotary fixtures for cylindrical parts
- Roll-through
- Hot dog roller
- Roll-to-roll

### Applications Include:

Marking, cutting, scribing, engraving, etching, ablating, scoring, micromachining, heat treating, depositing, drilling, welding, coding, and many others.

### Recommended Materials:

Metals, plastics, silicon, glass, ceramics, granite, marble, tile, wood, labels, and many others.



System Specifications			
Dimensions	Axiom9624	Axiom4824	Axiom2424
Depth:	98.5" (250 cm)	50.5" (128 cm)	26.5" (67 cm)
Width:	64" (163 cm)	64" (163 cm)	64" (163 cm)
Height:	77" (196 cm)	77" (196 cm)	77" (196 cm)
Working Field			
Work Area:	72" x 24" (183cm x 61cm)	48" x 24" (122cm x 61cm)	24" x 24" (61 cm x 61cm)
Beam Delivery:	High-Speed X/Y Scan Head Plus X/Y/Z Motion (Optional Rotary)		
Available Lasers (wavelengths) - Select the optimal laser to suit your application			
Fiber (1070nm-1090nm) lasers up to 500Watts			
CO2 (10.6micron) lasers up to 400Watts			
ND:YAG (1064nm) diode-pumped solid state lasers			
Green lasers (532nm)			
UV lasers (355nm)			

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A large range of optical and laser choices offers the ultimate in flexibility.

Give us a call at 978-342-9800 to learn more about the Axiom High Speed Large Field Laser System.



Vytek Tel: 978-342-9800  
 195 Industrial Rd Fax: 978-342-0606  
 Fitchburg, MA 01420 sales@vy-tek.com

www.vy-tek.com