CO2 GALVO-BASED LASER SYSTEMS

Radian's 3-axis CO2 laser systems utilize high-performance galvos, ultra-fast controllers, best-in-class laser sources and easy to use software for best in class marking speed and super-precise marks. CO2 lasers work extremely well with a wide variety of materials such as fabrics, paper, wood, powder coatings, anodized aluminum, plastics and many others. Radian's systems have proven to be 4x – 10x faster than traditional flatbed marking methods. This leads to greater productivity and profitability for your business. Radian's systems can be configured to include a variety of accessories to help automate and speed up production workflow.

KEY FEATURES:

- Fast and precise marking
- Flexible configurations for various applications
- 3-axis (3D) marking on a curve without rotation of the work piece
- Expansion features such as rotary and indexing tables
- Configurable marking field sizes up to an industry leading 650mm x 650mm (25.5" X 25.5")
- Motorized main door and easy open side doors for easy access and flexibility.
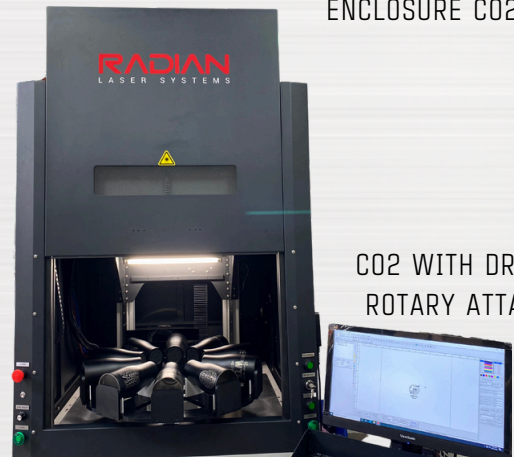- Available with autofocus

RADIAN™
LASER SYSTEMS

CO2 GALVO-BASED LASER SYSTEM

SPECIFICATIONS:

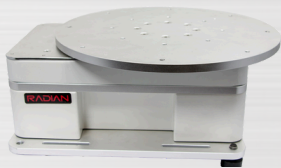|	
Focal Mode	2D or (3D) 3-Axis Dynamic Focus
Laser Power	60, 100, 180 Watts (other options available)
Marking Speed	≤ 7,000mm/s
Engraving Area	Field configurable, up to 650mm x 650mm
Material Thickness	Up to 500mm
Minimum Line Width	≤0.3mm (Depending on material)
Wavelength	9.4u, 10.6um (Standard)
Voltage	220 VAC / 25A / 50-60 hz
Bed Size	650mm x 650mm
Environmental	Temperature 15-35°C
	Humidity 30-80%
Tracing Laser	Yes
Cooling	Water Cooling (standard), Air Cooled (Optional)
Ventilation System	Variable based on application
Laser Marking Studio	Included

3D RENDER - SMALL ENCLOSURE CO2
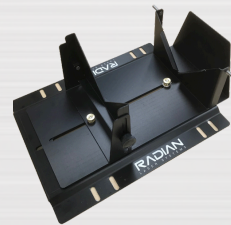
CO2 WITH DRINKWARE ROTARY ATTACHMENT
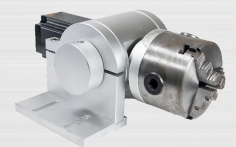
ACCESSORIES:

ROTARY MOTOR

SAFETY GLASSES

MULTIPLE STANDARD ROTARY DISK OPTIONS (CUSTOM AVAILABLE)

ADJUSTABLE DRINKWARE NEST

STANDARD ROTARY WITH TILT

OFFICIAL FUME EXTRACTOR DISTRIBUTOR OF

FILTRABOX
BY PBT

ADDITIONAL ACCESSORIES AVAILABLE ONLINE

YOUR LASER PRODUCTIVITY PARTNER ≫ RADIANLASER.COM ≫ 714-278-4333 ≫ SALES@RADIANLASER.COM