

## IRADION'S OEM & INTEGRATORS OFFER GREAT SOLUTIONS!



Iradion Laser, Uxbridge, MA greatly appreciates its extensive list of OEM companies and Integrators that are using Iradion CO<sub>2</sub> lasers as well as other products in their systems and work stations. Their solutions address a wide range of applications including: **cutting, perforating, scribing, marking, etching, engraving, ablation, wire stripping, fiber optic splicing, heat treating, and many other processes.**

**Iradion Lasers** are offered in many models from 25 to 250 watts, continuous wave versions. They have been successfully used in a variety of designs including small work stations, large multi-axis machines, robot cutting cells and high speed web systems with laser scanner modules. Let's learn more about some of these companies and how they use lasers...**continued page 2**

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## IRADION EXPANDS INTO NEW BUILDING



*Iradion's new facility features a "state of the art" manufacturing operation.*

**Iradion Laser, Inc., Uxbridge, MA** is pleased to announce that it has moved into its new facility to better serve its growing list of international customers.

In 2018, Iradion Laser expanded the reach of its patented products and services. With the explosive growth of Iradion products, a new "state of the art" facility was needed to meet increasing production volumes, laser and parts inventories, sales, service and support programs. Iradion launched an ambitious construction and renovation project, and before the end of 2018, Iradion's dedicated the impressive 34,000 sq.ft. building with executive management, employees, customers, suppliers, town and state government representatives attending the ceremony.

Iradion will display its ceramic core CO<sub>2</sub> laser designs at **Laser World Of Photonics** to be held in **Munich, Germany** from June 24 through June 27, 2019. The Iradion Booth #123 in Hall B3 will feature the Infinity and Z-Series as well as the Iradion's 1625 laser which represents the most compact 250-watt CO<sub>2</sub> laser in the industry. Let's explore some of the exclusive features of Iradion lasers...**continued page 4**

### Special points of interest:

- Philippe Brak, CEO and President
- Iradion Ceramic Core CO<sub>2</sub> Lasers
- OEM and Integrator Systems



**Visit Iradion Booth #123 in Hall B3**

### “MESSAGE FROM THE CEO/PRESIDENT”... Philippe Brak



As CEO and President of Iradion, and on behalf of our Iradion team, I want to thank our customers for their valued business and our strong relationships. We are committed to providing you the highest quality products and services. Also, I want to thank our Board Members and our employees for their exceptional dedication, teamwork, contributions and performance. Your efforts have helped our companies achieve excellence in the industry. Lastly, I want to thank our suppliers and support personnel who provide the highest quality materials and services insuring our product integrity. Together, we will share great success in the future! Thank you.

### OEM AND INTEGRATOR SOLUTIONS...continued from page 1



**Preco, Inc., Somerset, WI** has pioneered laser processing since 1978. It was the first to promote the use of industrial lasers to modify and enhance flexible packaging materials. By continually expanding its laser systems technology and contract service capabilities, it has lead the growing market for convenient easy-open packages, breathable packaging to increase the shelf life of perishable fresh foods and microwave venting for steam release packages. As the undisputed industry leader, Preco’s laser processing methods for flexible packaging features are patented techniques that are only offered by Preco. [www.precoinc.com/packaging](http://www.precoinc.com/packaging)

**Permaboss, Aurora, Ontario, Canada** has created a new laser generation of work stations that are used in the textile/embroidery industry. Now laser cutting and etching of promotional wearable goods represents a “state of the art” process, essentially obsoleting embroidery. CO<sub>2</sub> lasers have a long history of being used to decorate all kinds of items and goods, but metal or glass tube lasers models have been prone to long term reliability issues. Iradion’s ceramic core design has enabled Permaboss to sell worldwide, because laser gas recharging has been eliminated and power stability assured for life of the machine. [www.permaboss.com](http://www.permaboss.com)



**Dynamic Robotic Solutions, Auburn Hills, MI** has developed unique solutions for processing 3D parts for automotive, appliance, recreational vehicle, and other industrial applications. Utilizing a variety of laser technologies, beam delivery components, processing heads and robots, precision cutting of metal or non-metal parts can be achieved in production environments. DRS is also a global leader in robotic water jet, router and knife trim systems for cutting and trimming of metal, plastic, fiberglass or composite materials. [www.drsrobotics.com](http://www.drsrobotics.com)

**Spartanics, Rolling Meadows, IL** is one of North America’s top manufacturers of laser cutting systems as well as other industrial automation products. Spartanics laser cutting systems offer digital die cutting capabilities by utilizing scanners with high speed targeting mirrors. Digital printing of materials “on the fly” and then, laser processing them into finishing labels or other packaging applications has become commonplace. In addition, Spartanics designs and builds custom equipment for counting, sorting and material handling of consumer and industrial products. [www.spartanics.com](http://www.spartanics.com)



## OEM AND INTEGRATORS SOLUTIONS...continued from page 2

**Asia Robotica, Guadalajara, Mexico** is a leading integrator and distributor of laser cutting systems having sold over 1,500 machines in Mexico and Central America since 2006. It's machines are designed to offer high reliability cutting solutions for most sheet materials. With a priority for long term customer satisfaction, Asia Robotics uses high quality components that reduce the mean time between failures (MTBF). Maintaining an extensive spare parts inventory and employing a certified team of support engineers insures lighting fast response to customer support requests. [www.asiarobotica.com](http://www.asiarobotica.com)



**Control Micro Systems, Winter Park, FL** was founded in 1983 as an early innovator in software controls development. It grew rapidly into being a supplier of complete industrial laser systems. CMS built its reputation on providing industry leading solutions for laser-based applications. This capability includes automated/robotic part handling along with vision/validation. It has a large global installed base dealing with a wide variety of materials and applications from R&D to high volume manufacturing. [www.cmslaser.com](http://www.cmslaser.com)

**Radian Laser Systems, Anaheim, CA** founded in 2002, produces high-quality industrial laser solutions utilizing galvo-based CO<sub>2</sub> and fiber laser sources. It designs, manufactures and distributes laser marking machines, laser cutting tables and work stations utilizing CO<sub>2</sub>, fiber and UV lasers. Radian serves a wide range of industries by providing machine customization, applications engineering, system repair and production marking services. The company serves customers across North America. [www.radianlaser.com](http://www.radianlaser.com)



**Inkcups, Danvers, MA** is a supplier and manufacturer of digital inkjet, pad printing and laser plate-making equipment as well as corresponding supplies. Inkcups has direct sales, technical support and warehouses located in the USA, Canada, Mexico, Germany, Hong Kong and other global locations. Inkcups produces high-quality industrial machines for a wide range of industries including the apparel, drinkware, promotional, electronic, medical, sporting goods and automotive markets. Inkcups uses fiber and CO<sub>2</sub> lasers in the plate-making process for pad printing. [www.inkcups.com](http://www.inkcups.com)

**Automation Alternatives, Toronto, Canada** has been developing and manufacturing lasers systems for almost two decades. Benefitting from its experienced multi-disciplinary engineering team, Automation Alternatives offers unique solutions for metallic and non-metallic laser processing applications. This includes fiber laser technology for cutting, welding and marking systems of metals and CO<sub>2</sub> technology for cutting, marking and ablating systems of non-metals. In addition, they offer contract manufacturing services to their customers. [www.auto-alt.com](http://www.auto-alt.com)



**Xenotech, Baton Rouge, LA** was established in 1986 by founders that worked in the engraving industry. Using emerging software and computer hardware advances, it was one of the first to modernize engraving equipment. Continuing its pursuit of technology, Xenotech introduced laser engraving equipment utilizing CO<sub>2</sub> lasers for rotary and flat bed systems. The company offers a variety of laser models and power levels. Also, laser retrofit programs can upgrade existing systems with the latest technology. [www.xenotech.com](http://www.xenotech.com)

Iradian's Ceramic Core CO<sub>2</sub> Lasers represent a new technology that was developed to meet a stringent military contract specification for a leak proof design.



**Iradian's patented ceramic core CO<sub>2</sub> laser offers superior performance with "no gas refill" reliability.**

The ceramic chamber hermetically seals the laser gas mixture away from the metal RF electrodes. This eliminates the risk of contamination insuring the longest gas life in the industry. In addition, the ceramic excitation chamber's low coefficient of expansion insures long term power stability, beam quality and reliability.



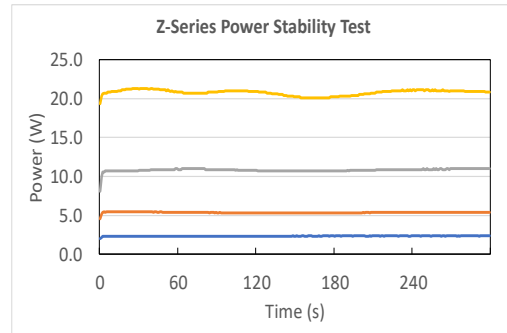
**Iradian's new home features an environmental friendly operation with ISO 9001:2015 Certification.**

Iradian lasers are produced in its new production clean room. The "state of the art" facility insures the highest quality manufacturing standards, while increasing production volumes and achieving product mix flexibility. With OEM companies and integrators needing "just in time" shipments, Iradian has improved its responsiveness and has shorten lead times.



**Rapid Production Logistics are achieved by a skilled production team and efficient QC operation.**

Before shipping, Iradian lasers undergo comprehensive QC testing: power and pointing stability, pulsing, and other checks insuring that each laser will meet or exceed specifications, performance and reliability.



**Iradian lasers maintain excellent Power Stability from under 1 watt through maximum rated wattage.**

Unlike typical CO<sub>2</sub> lasers that lose their power stability under 10% of their rated wattage, Iradian lasers maintain excellent power stability from under 1 watt to maximum rated wattage. This unique feature equates to precision results over a wide range of applications.

Remarkably, Iradian's innovative ceramic core design and architecture requires fewer components thereby reducing the laser size and weight. It also lowers manufacturing costs which results in competitive dollar per watt pricing. Iradian offers power levels from 25 watts to 250 watts in 10.6, 10.2 and 9.3 wavelengths. to optimize marking, etching, cutting, perforating, ablating, fusing and many other processes.



**Z-Series (25-40 watts), Infinity (40-120 watts) and the 1620/1625 (200-250 watts) are offered by Iradian.**

**Contact Iradian for more info:  
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