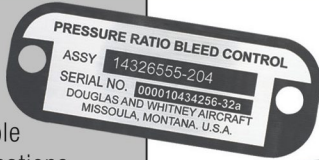


## BENEFITS

- Versatile** – Process multiple materials and diverse applications.
- Flexible** – Create one-off prototypes or mass-produce parts and products.
- Productive** – High throughput capabilities maximize output and profitability.
- Intelligent** – Seamless integration of laser, laser systems and Laser Interface+ delivers optimized performance.
- Economical** – Operating costs as little as one dollar per day deliver outstanding value.
- Tool-less** – Patented Rapid Reconfiguration™ lasers can be interchanged in seconds without tools.
- Innovative** – Unique, patented technologies deliver unmatched performance, convenience and value at an affordable price.

## FEATURES

- 10–60 watts laser power
- Laser Interface+™ print driver
- Interchangeable focusing optics
- Red dot pointer
- Print preview function
- Job time estimator
- RoHS compliant electronics



Choice of five colors

VersaLASER® platform series processes multiple materials and diverse applications with speed, detail and accuracy. Available in three platform sizes, the VersaLASER VLS3.60, VLS4.60 and VLS6.60 deliver laser power up to 60 watts with a work area up to 32x18in (813x457mm).

The VersaLASER systems utilize Universal's patented Rapid Reconfiguration™ technology, which enables customers to change laser power within seconds and without tools. The VersaLASER platform series is designed with seamless integration of Universal's CO<sub>2</sub> laser, laser system and advanced Laser Interface+™ materials-based Windows print driver that optimizes the customer's workflow process, improves operation efficiencies and expands customized application offerings.

## APPLICATIONS

- Designed to handle complex cutting, detailed 3D engraving, precision scribing, intricate scoring and permanent marking applications
- Ideal for automotive, aerospace, electronics, manufacturing, medical, fashion, awards, packaging and printing industry applications
- Suitable for material ablation, cutting, drilling, scribing, marking, engraving, foaming and micro-machining operations



### Performance-Enhancing Accessories & Options

**High Power Density Focusing Optics (HPDFO)™** – Allows for high resolution engraving and direct marking on some metals without metal marking compounds.

**Downdraft Honeycomb Cutting Table** – Evacuates smoke, minimizes back reflections and provides light vacuum hold-down.

**Rotary Fixture Attachment** – Allows for full wrap-around engraving of cylindrical items and accommodates taper.

**Manual Air Assist** – Directs high pressure air or inert gas toward material being processed to suppress flaming.

**Computer-Controlled Compressed Air Unit** – Supplies dry, oil-free compressed air to enable air assisted cutting and engraving.

**Air Dryer** – Removes moisture from air assist which can damage laser optics.

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**UNIVERSAL**  
LASER SYSTEMS

	VLS3.60	VLS4.60	VLS6.60
<b>Work Area</b>	24 x 12 in 610 x 305 mm	24 x 18 in 610 x 457 mm	32 x 18 in 813 x 457 mm
<b>Table Size</b>	29 x 17 in 737 x 432 mm	29 x 23 in 737 x 584 mm	37 x 23 in 940 x 584 mm
<b>Rotary Travel</b>	----- 360 degrees (max 8 inches diameter with 2.0 lens) -----		
<b>Maximum Part Size (WxHxD)</b>	29 x 17 x 9 in 737 x 432 x 229 mm	29 x 23 x 9 in 737 x 584 x 229 mm	37 x 23 x 9 in 940 x 584 x 229 mm
<b>Overall Dimensions (WxHxD)</b>	36 x 38 x 30 in 914 x 965 x 762 mm	36 x 39 x 36.5 in 914 x 991 x 927 mm	44 x 39 x 37.5 in 1118 x 991 x 953 mm
<b>Print Driver</b>	----- Laser Interface+™ (materials-based windows print driver) -----		
<b>Interconnection</b>	----- USB 2.0 Hi-Speed compliant -----		
<b>Control</b>	Requires dedicated computer to operate. Requires Windows XP/Vista (32-bit Windows operating system). Minimum requirements: 2.0 GHz processor; 1 GB of RAM; hard drive with 15 GB free space; VGA monitor (minimum 1024 x 768 resolution); CD-ROM drive/burner; mouse and keyboard.		
<b>Laser Cartridge Options</b>	----- 10, 25, 30, 40, 50, 60 watts -----		
<b>Weight</b>	235 lbs. (107 kg)	270 lbs. (122 kg)	325 lbs. (147 kg)
<b>Power Requirements</b>	----- 110V/10A; 220V/5A; 50/60Hz -----		
<b>Exhaust Connection</b>	External exhaust required; one port is 4 inches (100 mm) in diameter	External exhaust required; one port is 4 inches (100 mm) in diameter	External exhaust required; two ports each 4 inches (100 mm) in diameter

CDRH Class 1 safety enclosure for CO<sub>2</sub> laser.\* Class 3R for red laser pointer.

\*CDRH Class 1 laser safety enclosure provides for safe operation without the need for an interlocked room or protective eyewear.



WARNING: UNIVERSAL LASER SYSTEMS PRODUCTS ARE NOT DESIGNED, TESTED, INTENDED OR AUTHORIZED FOR USE IN ANY MEDICAL APPLICATIONS, SURGICAL APPLICATIONS, MEDICAL DEVICE MANUFACTURING, OR ANY SIMILAR PROCEDURE OR PROCESS REQUIRING APPROVAL, TESTING, OR CERTIFICATION BY THE UNITED STATES FOOD AND DRUG ADMINISTRATION OR OTHER SIMILAR GOVERNMENTAL ENTITIES. FOR FURTHER INFORMATION REGARDING THIS WARNING CONTACT UNIVERSAL LASER SYSTEMS OR VISIT WWW.ULSINC.COM.

Manufactured and protected under one or more U.S. Patents: 5,051,558; 5,661,746; 5,754,575; 5,867,517; 5,881,087; 5,894,493; 5,901,167; 5,982,803; 6,181,719; 6,313,433; 6,342,687; 6,423,925; 6,424,670; 6,983,001; 7,060,934; D517,474. Other U.S. and international patents pending.

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