

CUT, ENGRAVE, MARK AND MAKE IT'S EASY WITH AN LV



You don't need to be a machine expert to cut-out, engrave or mark on hundreds of different materials. Make amazing things at the touch-of-a-button with the LV-290 or LV-180 laser engraving machines—cut wood, leather and fabric, and mark on metal, glass and other items with laser precision.



Precisely engrave or mark onto smart phone cases, keychains, glass ornaments, power banks and so much more.



Cut-out and engrave on acrylic, wood, cardboard and other materials— create products and prototypes for giftware, décor, models and more.



Mark designs on hard metal items like watches, tools, and rings or engrave onto soft goods like leather bags and fabric products.

Get a Complete LV/UV Personalization Solution at a Massively Reduced Price

Create your own personalized products by cutting-out or engraving materials and adding full-color graphics and Gloss textures. Save over \$10,000 on the LV/UV Combo that includes the following:

- LV laser engraver/cutter
- VersaUV LEF flatbed printer
- Air filtration units for both devices
- VersaWorks 6 RIP software and other essentials

Highlights



Choose between two models of different sizes and wattage to suit your business and material needs.



Cut complex shapes with crisp edges and mark and engrave with a smooth, clean finish.



An intuitive control panel simplifies operation and saves job data.



A safe, fully-enclosed operation with a non-contact CO₂ laser and Class 1 safety compliance.



Out-of-the-box personalization— requires no special electrical set-up and works with standard wall sockets.



Simplified controls and operation make high-precision laser engraving an easier process.



Equipped with a CCD camera (LV-290 only) and a laser pointer for easy positioning and area finding.



Includes Windows driver that outputs directly from Adobe® Illustrator® and CorelDRAW® software.

Specifications

Model	LV-180		LV-290	
Work Area	18 × 12 in. (458 × 305 mm)		With CCD: 21.6 × 17.3 in. (550 × 440 mm)	Without CCD: 25 × 18 in. (640 × 460 mm)
Table Size	20.4 × 14.7 in. (520 × 375 mm)		31.1 × 20.9 in. (790 × 530 mm)	
Max. Part Size (W × L × H)	19.8 × 12.2 × 2.6 in. (503 × 310 × 68 mm)		30 × 19 × 6.5 in. (762 × 482.6 × 165 mm)	
Laser Source	30W 10.6 μm sealed CO ₂ Laser		40W 10.6 μm sealed CO ₂ Laser	
Max. Motor Speed	40 IPS		With CCD: 40 IPS	Without CCD: 60 IPS
Interface	Ethernet (100BASE-TX/1000BASE-T, automatic switching), USB 2.0			
Resolution	125, 250, 300, 380, 500, 600, 760, 1000, 1500 dpi			
Focus Lens	Standard: 2.0 in.	Option: 1.5 in.	Standard: 2.0 in.	Option: 1.5/2.5/4.0 in.
Safety	Class I Laser Product Compliant with EN60825, Class II Laser Product Compliant with CDRH, 2006/42/EC Machinery Directive Compliance			
Substrate Base	30W 10.6 μm sealed CO ₂ Laser		40W 10.6 μm sealed CO ₂ Laser	
Camera System	N/A		SmartVISION Pro CCD (Requires USB Port)	



Built to Build Your Business with Industry Best Warranty, Service and Support

Engineered to a higher standard, Roland provides the most dependable technology combined with superior support. Your LV laser engraver is also supplied with a Two-Year Trouble-Free Warranty* for added peace-of-mind.

*Registration within 60 days purchase required to qualify for the free second year of limited warranty coverage.

For detailed features, specifications and LV/UV Combo details, visit www.rolanddga.com/LV

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FOR MORE INFORMATION OR TO FIND A DEALER NEAR YOU, CALL 800-542-2307 OR VISIT WWW.ROLANDDGA.COM/LV
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