



The ILS12.75 is our largest platform. Engineered specifically for manufacturing environments, it can handle applications ranging from prototyping to automated manufacturing. In addition to a spacious 1219x610mm work area, like the ILS9 the ILS12.75 incorporates our Pass-Through feature, which allows both side doors to be opened to process materials of unlimited length. Universal's ILS and XLS platforms are also the only CO2 laser systems in the world that can be converted between CDRH Class 1 and CDRH Class 4.

The massive processing power of the ILS12.75 allows it to function as a standalone production solution, but it can also be integrated into an automated assembly line and has a processing power range of 10 watts, when using our smallest laser cartridge, to 150 watts when using two of our 75-watt lasers.

ILS12.75



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|-------------------------|---|
| Work area | 1219x610mm (48x24") |
| Max part size | 1334x762x305mm |
| Rotary travel | 360 degrees - max 10.25" diam |
| Max cut depth (acrylic) | 25mm |
| Max cut depth (wood) | 18mm |
| Print driver | Laser Interface+ |
| Connection | USB 2.0 high-speed compliant |
| PC control | Requires dedicated PC |
| Laser power options | 10, 25, 30, 40, 50, 60 or 75 watts Dual laser option (up to 150 watts) |
| Power | 220V-240V/10A (1 laser) Single phase |
| Compatible software | CorelDRAW, 2D Design, AutoCAD, Illustrator etc |
| Exhaust specification | 2 x 4" external ports |

FEATURES

- Pass-Through Mode, designed to accommodate laser processing of continuous materials, such as long sheet goods or rolled materials.
- 10, 25, 30, 40, 50, 60 or 75 watts of laser power (dual laser option - up to 150 watts)
- Laser Interface+ print driver
- Set and run multiple focus settings in one job
- Red dot pointer
- Print preview function
- Field ungradable firmware and software
- Job time estimator
- RoHS compliant electronics
- Field ungradable firmware and software extends the useful life of the system
- Fully enclosed CDRH Class 1 safety enclosure for safe operation
- Shielded, interchangeable focussing optics stay cleaner for a longer period of time

SPECIFICATION