**Universal Laser System - PLS Series**

**PROFESSIONAL – PLS SERIES:**



Universal’s Professional Series of CO2 laser systems provide an unbeatable combination of high power (up to 150 watts using dual lasers), three platform sizes and an advanced, materials-based print driver that delivers consistently excellent cutting and engraving results. The Professional Series is ideal for high speed cutting jobs; deep high-throughput engraving; and fast, permanent marking.

**System Specifications:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **PLS4.75** | **PLS6.75** | | **PLS6.150D** | |
| Work Area | 24" x 18" (610 x 457mm) | 32" x 18" (813 x 457mm) | | 32" x 18" (813 x 457mm) | |
| Maximum Part Size | 29" x 23" x 9" | 37" x 23" x 9" | | 37" x 23" x 9" | |
|  | (737 x 584 x 229mm) | (940 x 584 x 229mm) | | (940 x 584 x 229mm) | |
| Dimensions | 36" x 39" x 36" | 44" x 39" x 36" | | 44" x 39" x 36" | |
|  | (914 x 991 x 914mm) | (1118 x 991 x 914mm) | | (1118 x 991 x 914mm) | |
| Rotary Capacity | Max Diameter 8" (203mm) | | | | |
| Motorized Z Axis Lifting Capacity | 40 lbs (18 kg) | | | | |
| Available Focus Lenses | 1.5" (38mm)        2.0" (51mm) \*standard        2.5" (64mm)        4.0" (102mm) | | | | |
| Laser Platform Interface Panel | Keypad and LCD display shows current file name, | | | | |
|  | laser power, engraving speed, PPI and run time | | | | |
| Operating System Compatibility | Requires a dedicated PC to operate. | | | | |
|  | Compatible with Windows XP/Vista/7 - 32/64 bit. | | | | |
| PC Connection | USB 2.0 | | | | |
| Cabinet Style | Floor-Standing | | | | |
| Optics Protection | Air Assist Optional | | | | |
| Laser Options | 10, 25, 30, 40, 50, 60, 75 Watts | | | | 10, 25, 30, 40, 50, 60, 75 Watts |
|  | Equipped for dual lasers |
| Approximate Weight | 270 lbs (122kg) | | 325 lbs (147kg) | | 345 lbs (156kg) |
| Power Requirements | 110V/10A; 220V-240V/5A | | | | 220V-240V/15A |
| Exhaust Connection | One 4" (102 mm) port | | Two 4" (102 mm) ports | | |
|  | 250 CFM @ 6" static pressure | | 500 CFM @ 6" static pressure | | |
|  | (425 m³/hr at 1.5 kPa) | | (850 m³/hr at 1.5 kPa) | | |