**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) |