

## 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" (737 x 584 x 229mm)	37" x 23" x 9" (940 x 584 x 229mm)	37" x 23" x 9" (940 x 584 x 229mm)
Dimensions	36" x 39" x 36" (914 x 991 x 914mm)	44" x 39" x 36" (1118 x 991 x 914mm)	44" x 39" x 36" (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 250 CFM @ 6" static pressure (425 m <sup>3</sup> /hr at 1.5 kPa)	Two 4" (102 mm) ports 500 CFM @ 6" static pressure (850 m <sup>3</sup> /hr at 1.5 kPa)	