

Universal Laser System - ILS Series

INDUSTRIAL – ILS SERIES:



The Industrial Laser Series can grow with you now and in the future to meet your changing production needs. Being able to custom-configure your laser system is a ULS core philosophy. We believe you should purchase only those options you actually need. Should your needs change, you can easily expand the capabilities of your ILS laser system at any time with our optional accessories.

For example, suppose you start out with an ILS9.150D equipped with a 30-watt laser. As your production needs increase, you can upgrade to a higher-power laser for faster throughput. Then when more demanding jobs start coming in, you can mount a second ULS laser for faster cutting and deeper engraving. You can convert your ILS from a light-duty to heavy-duty system in the field quickly and easily. The Industrial Laser Series offers unmatched upgradeability.

System Specifications:

	ILS9.75 or ILS9.150D	ILS12.75 or ILS12.150D
Work Area	36" x 24" (914 x 610mm)	48" x 24" (1219 x 610mm)
Maximum Part Size	40.5" x 30" x 12" (1029 x 762 x 305mm)	52.5" x 30" x 12" (1334 x 762 x 305mm)
Dimensions	57" x 44" x 46" (1448 x 1118 x 1168 mm)	69" x 44" x 46" (1753 x 1118 x 1168 mm)
Rotary Capacity	Max Diameter 10.25" (260mm)	
Motorized Z Axis Lifting Capacity	60 lbs (27 kg)	

Pass-Through Class 4 Mode Accessible Work Area	20" x ∞" (508 x ∞mm)	
Pass-Through Class 4 Mode Clearance	23.75" x 8" (603 x 203mm)	
Available Focus Lenses	2.0" (51mm) *standard 3.0" (76mm)	
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	Plumbed for compressed-air-based optics protection	
Laser Options	10, 25, 30, 40, 50, 60, 75 Watts. Dual Laser Configuration Optional	
Approximate Weight	400 lbs (181 kg)	430 lbs (195 kg)
Power Requirements	220V-240V/10A (1 laser) 220-240V/16A (2 lasers)	
Exhaust Connection	Two 4" (102 mm) ports 700 CFM @ 6" static pressure (1190 m ³ /hr at 1.5 kPa)	Two 4" (102 mm) ports 1000 CFM @ 6" static pressure (1700 m ³ /hr at 1.5 kPa)