

Cobalt 350 Laser



(PATENT PENDING)

INKCUPS NOW



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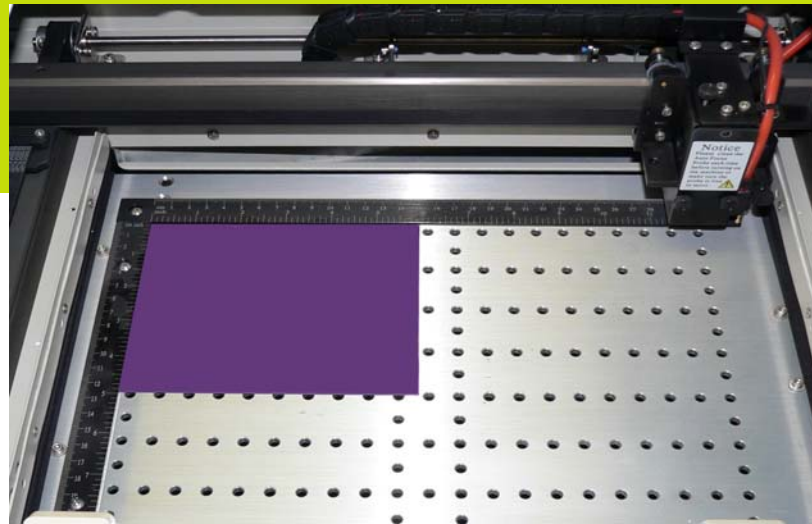


Inkcups Now introduces the revolutionary Cobalt 350 plate making and engraving system – a lower cost alternative computer to plate etching system to the highly successful Cobalt 1000 laser system. The Cobalt 350 is the big brother of the enormously successful Cobalt 250 system. It uses CO₂ laser technology and specially designed Imperial Printing Plates (Patent Pending) to produce high resolution pad printing plates directly from the computer, without the use of film positives.

The Cobalt 350 is an extremely simple and powerful system to operate. Just add the Cobalt software to your standard PC and begin “printing” images to the Cobalt 350 laser. Within minutes you can etch high resolution pad printing plates without the use of chemicals, films or concern about depth control. The XY motion of the laser print head enables etching of very large images, (up to 25” x 18”) making the Cobalt 350 a highly flexible machine for engraving Imperial printing plates as well as promotional products.

SYSTEM SPECIFICATIONS

- 12 or 25 watt CO₂ laser, air cooled*
- 635mm x 458mm (25” X 18”) marking area*
- Red aiming diode*
- Automatic Z axis focus*
- Cobalt 350 Software package*
- Adjustable power, frequency*
- Adjustable speed settings (up to 42 IPS)*
- DC servo driven XY axis*
- Class 3R enclosure with interlocked safety switch*
- Computer interface: print port & serial port for PC*
- Current: 10 Amps / Voltage: 110V*
- Machine dimensions: 44.3”W x 28.3”L x 39.6”H*



PROCESS IMPROVEMENTS

- Improved print quality: laser plates are 1st generation so there is no loss of resolution due to film*
- Etched Imperial laser plates are 100% repeatable*
- Improved ink lay down: laser engraved plates have a straight walled etching and more precise inkwell profile than polymer plates*

DIRECT COST SAVINGS

- Eliminate film costs*
- Eliminate chemical costs: image-setter fixer, developer, and plate toner cartridges*
- Eliminate maintenance contracts for image-setter and processor*
- Eliminate hazardous waste stream and supply shipping costs*

TIME AND EFFECIENCY SAVINGS

- Reduce plate making time: 1-2 minutes for an Imperial laser plate vs. 15 minutes for a polymer plate*
- Eliminate bad plates - total depth control gives consistent plates every time*
- Lower machine downtime: more reliable plates allow pad printing machines to run with fewer interruptions*

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