

# Cobalt 1000 Laser



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Inkcups Now introduces the revolutionary COBALT 1000 laser system - a direct-to-plate etching system designed to produce high resolution pad printing plates. This highly productive, compact system is a breakthrough product for the pad printing industry.

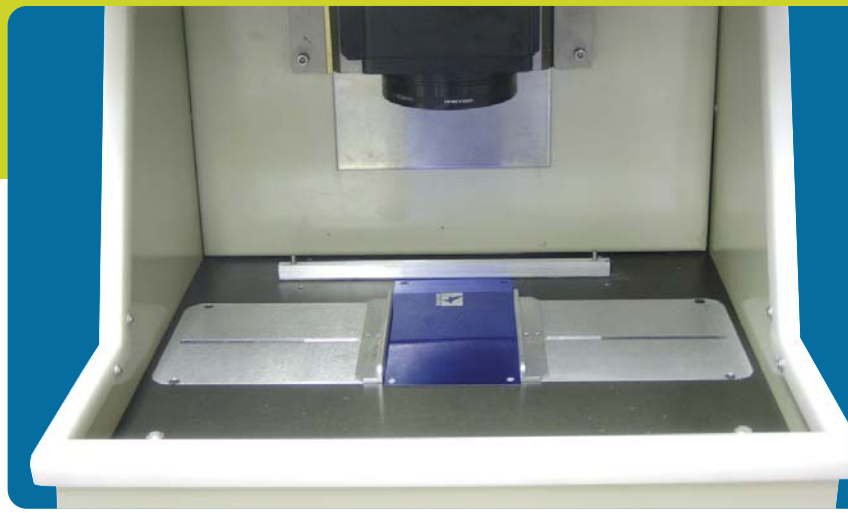
The COBALT 1000 eliminates many inconsistencies in the pad printing process while at the same time offering dramatic quality, efficiency and process improvements over existing plate technologies. And if this were not enough the COBALT 1000 is able to engrave thin steel and thick steel clichés as well as other metallic items.

### SYSTEM SPECIFICATIONS

- 10 watt (Class VI) fiber laser*
- Self-centering plate clamp system*
- Vertical micro-adjust system*
- 120mm x 120mm marking area*
- 400mm x 400mm operating area*
- Cobalt Software package - handles Adobe Illustrator and .dxf files*
- Adjustable power, frequency and speed settings*
- Variable halftone settings*
- Network capable*
- Current: 5 Amps Voltage: 110V*
- Machine dimensions: 19"W x 31"L x 27"H*
- Shipping weight: 145 lbs*

### INKCUPS NOW

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### PROCESS IMPROVEMENTS

- Improved print quality - laser plates are 1st generation so there is no loss of resolution due to film
- Etched Cobalt 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
- Cobalt plates can be made with "combination etching" - halftones for bold areas and open etch for fine graphics
- Used plates are easily stored and edges do not curl over time

### DIRECT COST SAVINGS

- Reduce plate usage - double sided COBALT plates can accommodate up to four images
- Eliminate film costs - image-setter or laser film
- 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 - 2-3 minutes for a Cobalt laser plate vs. 15 minutes for a polymer plate
- Eliminate bad plates - total depth control gives consistent plates every time
- Eliminate machine downtime - operators waiting for bad plates to be re-delivered