

Cobalt 1000 Laser



INKCUPS NOW



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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

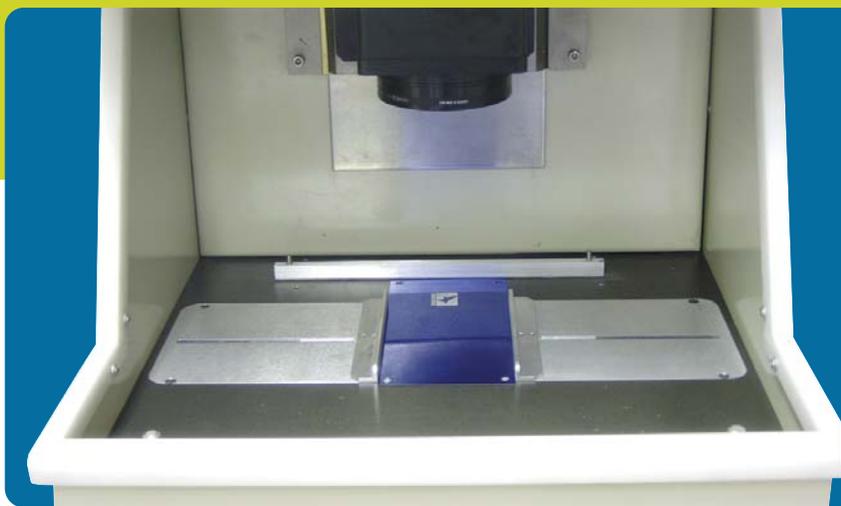
Current: 5 Amps Voltage: 110V

Machine dimensions: 19"W x 31"L x 27"H

Shipping weight: 145 lbs

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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 EFFICIENCY 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