

COBALT 32

Computer to Plate System



What every print job needs...



**IMAGING
QUALITY** Amazing Accuracy
Perfect Registration
Flawless Halftones

What's the secret?

Technology. The best there is.

Air bearing scanner, internal drum imaging, linear motion accurate to 1 micron, electronic three-point registration... and much, much more.

Cobalt harnesses the latest advances in technology to deliver the highest quality, the highest speed and the highest reliability in the industry... all at revolutionary prices.

Freedom from thermal

All the benefits of digital plate making without the burden of thermal imaging. Violet CTP lowers your electrical costs substantially, does not require post-bake or pre-heat, takes less space and reduces your HVAC costs. What's more? Violet CTP systems cost significantly less. Tired of never-ending expenses with thermal CTP? See what thousands of printers with 4 and 8 page presses have discovered: violet's lightning-quick ROI.

Simply the world's fastest CTP

Cobalt gets you from prep to press faster than anyone ever has before. Cobalt's imaging speed delivers a 60 x 80 inch plate in 360 seconds at 2400 dpi, and in just 180 seconds at 1200 dpi!

Lowest cost of ownership

The acquisition cost of a Cobalt CTP system is significantly less than equivalent violet or thermal systems. Cobalt also boasts the lowest cost of maintenance of any CTP system. And, unlike other CTP systems, Cobalts are covered by ComfortZone3, Escher-Grad's 3-year parts warranty

Semi-automated to optimize productivity

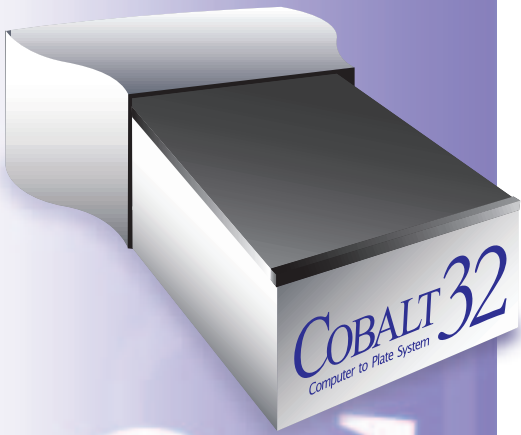
Semi-automation, standard with every Cobalt-32, allows for true "place-and-walk-away" operation. Plates are picked up from the infeed table and registered using Escher-Grad's three-point electronic registration technology, imaged, and unloaded automatically into an online processor. Less press waiting time will enable you to achieve unprecedented levels of productivity.

Cobalt violet CTP.

Why settle for anything less than the best?

Escher-Grad. Always Ahead.

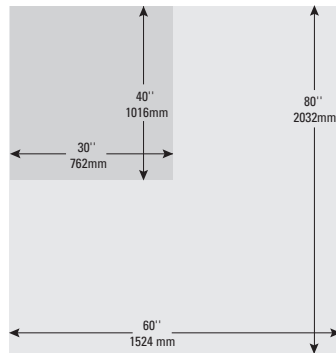




Specifications

Media Type	Violet-sensitive metal plates, 0.008" to 0.020" thickness Silver-halide & photopolymer plates
Media/Image Size	From 30 x 40 inches (762 x 1016 mm) To 60 x 80 inches (1524 x 2032 mm) Larger and smaller media/image sizes are available, please contact your sales representative
Laser	Violet laser-diode, 410 nm, 30mW
Imaging Speed	400 scan lines per second 3 min @ 1200 dpi at max image size 6 min @ 2400 dpi at max image size
Addressability	1000 - 3000 dpi
Spot Size	6 microns and up
Repeatability	± 0.001 inch (± 25.4 microns)
Interface	Standard 100BaseT
Warranty	Comfort ZONE 3 ComfortZone3 3-year parts warranty
Power	220 Volts, 15 Amps, 50/60 Hz
Environment	Yellow safelight
Temperature	60-80° F (15-25° C)
Humidity	40% - 60% non-condensing
Size	97 x 76 x 66 inches (2465 x 1930 x 1675 mm)
Weight	5800 lbs (2630 kg)

Specifications are subject to change without notice.
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Maximum and minimum plate sizes



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32-PAGE VIOLET CTP