



TECH
CYPHER
DIGITAL LABEL SYSTEM



The Digital Label System from ADSI is the first all inclusive, turn key digital solution providing users with graphical and converting options limited only by their own imagination.

Epson provides the ink jet printing platform designed to meet the needs of the most demanding professionals. The Epson Stylus Pro 4880 incorporates print resolutions up to 2880 x 1440 and breakthrough new 8-color ink technology, forcing us to reconsider what's possible from photographic ink jet printing. The trade proven DFS handles the converting side of this total solution. Lamination, die cutting, waste removal, slitting to individual rolls and rewinding are all accomplished in one production pass without the cutting dies, set-ups and waste associated with conventional processes. A Dell "small form factor" computer including a Pentium 4 processor and a full GIG of RAM drives all of this state of the art digital technology. All operating software, Adobe Illustrator CS3 and a Wasatch SoftRIP are loaded on the machine and ready to run.

The DLS provides end users with their own "in house" solution to minimum quantities, long lead times and custom shapes. The professional converter can provide their current customers with "value added" capabilities while responding to the increasing demand for high quality, short run, custom labels.

Epson Printer

Ink cartridge size 110ml or 220ml
each color x 8 colors total
Ink cartridge shelf life 2 years from printed production date or 6 months after open
Lightfastness Ratings B
Epson UltraChrome K3 Ink Color: Up to 108 years
B&W: Over 200 years
Dimensions 36 cm x 86 cm x 75 cm (H 14" X W 33.9" X 29.5")
Weight 88.6 lbs
8-Channel Print Head Technology
8-Color (C, Lc, M, Lm, Y, Lk, LLk, Photo black or Matte black) pigment based
Variable-Sized Droplet Micro Piezo drop-on-demand ink jet with AMC™ technology
Epson UltraChrome K3™ Ink Technology
Nozzle Configuration
Color and Monochrome heads: 180 nozzles x 8
Droplet Technology
Smallest droplet size: 3.5 picoliter
Variable Droplet Technology can produce up to three different sizes per print line
Resolution 2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi; 360 x 360 dpi; 360 x 180 dpi
Print Station
DELL ultra small form factor computer
15" LCD monitor with bracket
Keyboard
Mouse
Custom printer stand with automatic rewind mandrel
Dimensions: 84 cm x 76 cm x 112 cm (L33"xW30"xH44")
Weight: 200 lbs
Power requirement: 110 / 220W
Software
Adobe Illustrator CS3, Wasatch SoftRIP and Allen DIRECTcut windows driver



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