Kodak Versamark DS5300 printing system

Fast, flexible, variable data imaging system

Modular, easy to merge technology

The Kodak Versamark DS5300 is a digital printing system with a print width of 2.77 inches (7.03 cm) that features: letter-quality, crisp character definition; flexibility in font selection and positioning; pinpoint registration at speeds of up to 500 fpm (150 mpm); and resolutions of 300 x 300 or 300 x 600 dpi.

The DS5300 meets a wide range of variable data imaging application needs including business forms, tag and label, direct mail, booklets and billing statements. It is ideal for barcoding, numbering, addressing, personalization and spot color.

The DS5300 is modular, making it easy to merge with web or sheet-fed presses, collators, mail bases, folders and a variety of other in-line and off-line equipment. The components include:

- A Kodak Versamark CS400 system controller, a Windows XP-based operator interface with MPC data prep software

- From one to 16 Kodak Versamark DT2 print stations

- From one to four Kodak Versamark CD120 data stations (each can drive up to four print stations)

- Optional mounting packages

PRINTHEAD

Printheads are replaceable components that connect to the print station through an umbilical. Resolutions are either 300 x 300 or 300 x 600 dpi, user selectable.

DH5300 printhead
Physical specifications
Height: 19" (48.26 cm)
Width: 8" (20.32 cm)
Depth: 8" (20.32 cm)
Print array width: 2.77" (7.03 cm)
Image speed: Up to 500 feet
              (150 m) per minute,
              based on application

UMBILICAL

The DH5300 printhead connects to the body of the print station through an umbilical.

Flexible umbilical
Length: 40 feet (12.19 m)
Fluid containers (external)
Ink: 5.2 gal. (20 liters)
           55 gal. (209 liters) drum

PRINTER PHYSICAL/ELECTRICAL

DT2 print station cabinet
Height: 49" (125 cm)
Width: 22" (56 cm)
Depth: 32.5" (83 cm)
Weight: 380 lbs. (172.52 kg)
without monitor, keyboard and umbilical

DT2 print station power requirements
180–250 VAC
10 amp
47/63 Hz
3-wire, single-phase (U.S.)

System controller/data station cabinet
Height: 40" (102 cm) without monitor
           58" (147 cm) with monitor
Width: 36" (91.5 cm) includes top
           work surface
Depth: 32" (81.3 cm) door closed
           55" (140 cm) door opened
Weight: 400 lbs. (180 kg)

ENVIRONMENTAL OPERATING RANGES

Temperature: 60°F–85°F (15.5°C–29.4°C)
Relative humidity: 10%–90%, non-condensing
Temperature: 86°F–104°F (30°C–40°C)
Relative humidity: 10%–60%

OPTIONS

Printhead mounting package
512 MB font memory
I/O box with six user output signals