

Inkjet
Printer



Bar Codes

Bitmaps

Check Digit
Numbering

Databases

Static Text

The Dimuken Inkjet Printer can be used for virtually any kind of variable data digital printing application including business forms, continuous labels, mailers, tags and tickets. The system is designed to be attractive to printers searching for a versatile system with high print quality at a realistic price. A wide range of inks are available to allow you to print in a range of colours with deep and rich tones, not limiting you to the standard black inks offered by most ink jet manufacturers. Changing colours can be done in seconds, without the need for time consuming cleaning and priming.

Operating Principle

The Inkjet Printer can be installed in conjunction with other off-line finishing machines which use sprocket fed paper. The web is fed over a Tandem Control Unit sited on the floor which signals to the machine when the web is available for processing. The machine can be run stand alone in pack-to-pack format but to realise its maximum speed potential it would normally be run roll to roll with an additional DC 8406 Unwind and DC 8406 Rewind.

Configuration

The Dimuken Inkjet Printer is controlled by a user-friendly software package that offers WYSIWYG layout and job set-up. The standard system is configured with two mounting rails, each with two print stations that individually provide a 1½ inch print width (2" optional). This configuration allows you to print up to a three inch width of data on two A4 forms in one web in a single pass, or you could stitch the stations on the two mounting rails to give a six inch print width on a single form. Each print station consists of three (or four) seamlessly stitched ½" heads. If required each head can be set to print with different coloured inks giving endless options for versatile print layout design. You can print address data in black and have red, blue, green or yellow numbers or logos on the same form in one pass. An invisible UV/IR dye based ink is available which can only be read by an ultraviolet light source or infrared scanner to allow hidden security printing of text, numbers, images or barcodes on documents.

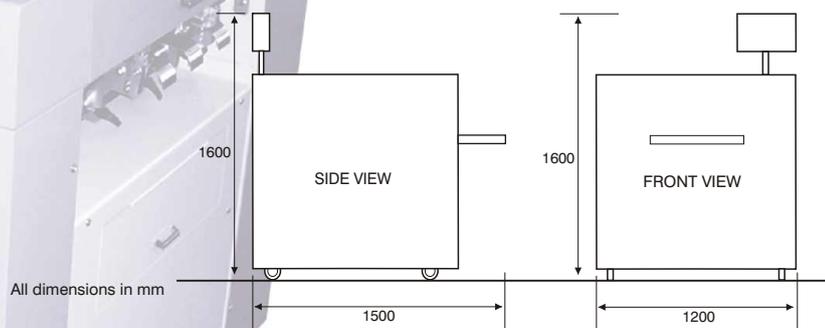
The standard machine is supplied with a software package that can print static text; graphics (bitmapped images); numbering (including modulus weighting) together with a huge range of the most commonly used bar codes from 3 of 9 to 128 to UPC. A wide range of postal bar code from Planet Code to Four-State to Australian General Delivery is included in the package. You can print from a range of common databases formats, including delimited files and text files. The simple GUI (graphical user interface) allows you to mix and match fields, insert fixed messages and print addresses in any Windows Unicode language. Added features such as text rotation allow you to obtain higher throughput.

Options

- 2" wide print station
- Additional mounting rail
- Additional print stations
- Various depth gear change sizes

Specification

Max web width	20.5" / 520mm
Min web width	4" / 102mm
Max speed at 300dpi	70m/min
Base system	2 mounting rails with 2 print stations each
Print Station	1½" standard print width (optional 2" available)
Inks	Black, Blue Green, Red, Yellow + special UV/IR or any mixture of spot colours in one print station in ½" print bands
Print Resolution	Option of 600x600, 600x 300, 300x300, 300x200, 300x150dpi
System runs on Windows XP with operator friendly GUI. Supplied as standard with computer, monitor and Windows XP operating system.	
Paper weight	40gms/m ~ 150gms/m
Power Supply	380v-415v 3phase
Power Consumption	1 kw
Weight	460 kg



Equipment for the
Business Forms, Security Print
& Label Industries

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