

Ink Jet Solutions for Tickets, Tags and Labels



market sector



Numbering Options

- Alphas, numerics or alpha numerics
- Sequential numbering
- 'Random' numbering
- Cut and Stack numbering for sheet fed applications
- Numbering for promotional games
- Modulus numbering with weighting facilities
- Leading zero's, i.e. 00001
- Pre-generated numbering sequences from database
- Wide range of barcodes and dot codes

Features

- High speed printing
- Fully variable imaging, including high quality graphics
- Fast make ready
- Fast drying inks
- User-friendly software (WYSIWYG)
- Downloadable fonts, character sets, logos and graphics
- Job storage and retrieval
- Interface to production equipment
- Interface to missing label detection
- Product tracking
- Automatic head and tail removal interface for slitter rewinders
- Staggered head printing
- Printing on front and back of labels
- Control of up to 24 lines of print within one job



Systems

Stand alone systems

- Allows ink jet printers to be mounted to existing equipment with programming of the system done by a front panel keyboard.

Controller based systems

- Allows for fast set-up of multi head systems, downloadable numbering sequences, font types and printing rasters as well as staggered head printing and missing label detection.

FreeForm and PinPoint options

- FreeForm and PinPoint software options can be combined or used separately for the best possible quality of print. The unique FreeForm software produces characters in near-letter-quality while PinPoint allows characters to be printed as small as 0.6 mm high, for discrete coding.



Labelling

Pharmaceutical packaging is an especially important application for Domino. These industries require high speed and versatile coding for secure traceability of date and batch information. Many countries impose a legal requirement on manufacturers to indicate directly on the product label date or package contents to deter misuse and counterfeiting.



Promotional Games

Sophisticated software can be produced which is at the heart of a promotional games system for printing of, for example, scratch cards. Multiple checksum algorithms can be built in to the code to prevent fraudulent claims, and coding can be applied economically for even short print runs. Sheet fed applications can further benefit from cut and stack numbering capabilities provided by the controller.



Security

Security applications benefiting from the versatility of ink jet printing cover a host of applications including sheet edge printing of stamps, UV marking of bank notes, traceability numbering of tickets, labels and gaming cards and unique promotional games. System security is ensured through product tracking and verified via cameras and/or scanners.



Validation

Ink jet codes can be read with a camera system and Domino supplies complete integrated solutions for on-line verification requirements. Alternatively, other printed information can be machine-read and used for message selection and database look up in the ink jet system.



Bar Coding

Domino's printers and controllers can cope with a wide variety of bar coding applications, including code 128 and 39, code 2-of-5 interleaved, EAN 13 and EAN 8 product codes and UPC 12 / 8 types to name but a selection. Domino's controllers allow for multiple check summing and modulus numbering as well as bar coding.



Batch Numbering/Traceability

Many manufactured products require variable marking which identifies the time of manufacture and production batch. This information can be used in the event of a product recall, or simply for product tracking and inventory control. Domino's fully variable printing technology means that every print can be different and the high speed capability copes with all types of production operation.



