

# The Domino A400

*Compact design for rackable/stackable options*

## ◆ Ideal Space Saver

Stacked or rack mounted, the A400 is designed for installation in the smallest possible area, and is ideal for applications where multiple printheads are required.

## ◆ Reliability Comes As Standard

Whatever your production cycle demands the Domino A-Series will print dependably, ensuring maximum productivity with minimal operator intervention.

## ◆ Consistent Print Quality

Whether running continuously or shutting down daily, the A-Series printhead technology delivers precise print every time.

## ◆ Responds to the Environment

Intelligent system designs allow the product to perform in a wide range of environments, minimising the effects of temperature and humidity.

## ◆ Flexible Installation

A-Series printers can be installed with only an electrical connection required, eliminating the need for a factory air supply.

## ◆ It Cleans Itself!

Unique ink system design using large internal reservoirs and a nozzle seal allows the A-Series to have truly automatic printhead cleaning, giving unrivalled start up and shut down time after time.

## ◆ Easy to Use

One button controls the complete start up and shut down process, eliminating potential operator errors and possible delays associated with manual printhead cleaning. Codes are simple to set up using the full sized keyboard and display. Topic keys provide operators quick access to the most regularly used functions.

## ◆ Code Confidently

The real time message monitor displays codes as they are printed and can be viewed at any time to make sure that the right code is on the right product at the right time.

## Essentials for Reliability

### General Purpose

Rugged, compact cabinet constructed in 304 grade stainless steel is suitable for use in a wide range of general manufacturing environments. The easy to wipe clean IP53 cabinet is splash and dust proof.

### Simple to Use

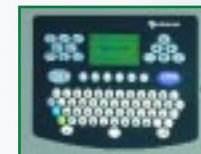
Easy to operate, easy to read backlit display with big button keyboard provides access to intuitive control and data entry software. Most commonly used functions are made accessible using topic keys.

### Add Fluids in Seconds

Colour coding and sealed container design make sure that the right fluids are fitted without spills.

### Flexible Applications

The A400 can print up to 4 lines with a variety of print formats which include logos, bar codes/dot codes, automatic serial numbering/batch coding and real time clocks.



### Reliable Start Ups

Domino provides the only sealed nozzle technology on the market ensuring clean dependable start up even after extended periods of shutdown.



### Flexible and Reliable Installations

Optimum reliability is achieved through the use of surface mount technology and PCMCIA cards for fast configuration and programming.



DOMINO  
CORPORATION  
A SERIES

**A-SERIES**  
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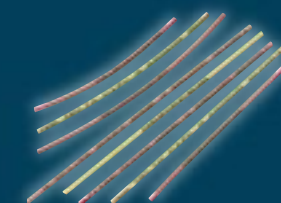
Ethanol-based inks carry a low risk of taint for certain types of food products



Canning lines use ink jet printing for marking at extremely high speeds



Quality coding complements attractive product graphics



The cable industry is a major user of ink jet marking



Products from many industries require type identification or batch traceability





# The Domino A400

## Control Unit

Control Panel:	Membrane touch button
Cabinet:	Stainless Steel (304) designed to IP53 (BS EN 60529:1992)
Cabinet dimensions:	560mm x 450mm x 375mm (22" x 17.7" x 14.8")
Weight:	33kg (72.4lbs)

## Character Control

- ◆ Auto repeat
- ◆ Auto invert/reverse
- ◆ User defined clock format
- ◆ Sequential/batch numbering
- ◆ Inverse reverse and bold characters
- ◆ Character width and height adjustment
- ◆ Print delay
- ◆ Product counter
- ◆ Barcodes
- ◆ Message repeat

## Data Input Options

Serial RS232  
Serial RS485  
Rate: 110-38.4k Baud, software configurable

## Ink System

Viscosity control: Automatic  
Ink bleed control: Automatic on start up  
Ink and make-up refill: 825ml (.87qt) cartridge automatically metered  
Peltier: Optional

## Printhead

Dimensions: 240mm x 41mm x 47mm  
8.47" x 1.62" x 1.85"  
Conduit length: 3m (11.8') or 6m (23.6')  
Positive air: Optional internal supply.  
Airdryer: Internal compressor or factory air options

## Environment

Temperature range: 5 - 45°C (40 - 112°F) operating  
Humidity: 10 - 90% (non-condensing)  
Electrical requirements: Single phase, fully auto-ranging  
90 - 132V/180 - 264V, 50/60Hz 200VA

## Standard Connections

Product detector: 12V 100mA for photocell or proximity detector. IP68 6 way socket  
Shaft encoder input: Open collector or TTL encoder  
12V via IP68 6 way socket

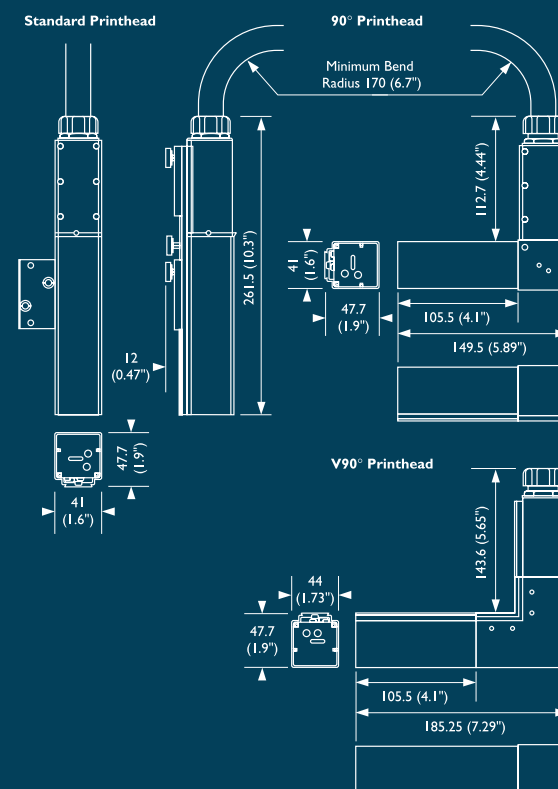
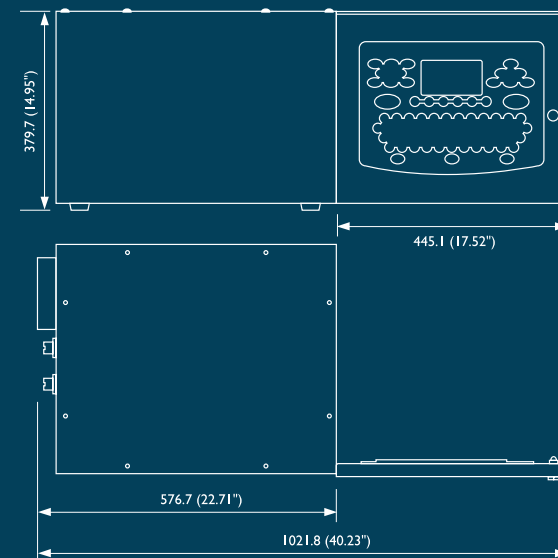
## Options

Alarm beacon connector: IP68 7 way socket  
Auxiliary alarms connector: IP68 9 way plug  
User port connector: IP68 25 way socket

## Accessories

Full range of photocells, stands and bracketry

## Dimensions



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