

# The Domino A400

*Domino reliability and quality in a compact design for stackable options*



## Key Benefits:

### Reliability Comes as Standard

- Consistent high quality codes, requiring minimal operator intervention
- Reliable start-up, even after uncontrolled shut down

### Unique Self-Cleaning Ink System

- Large internal reservoir and nozzle seal ensures truly automatic print head cleaning

### SureStart

- On-button controls the complete start-up and shut down process

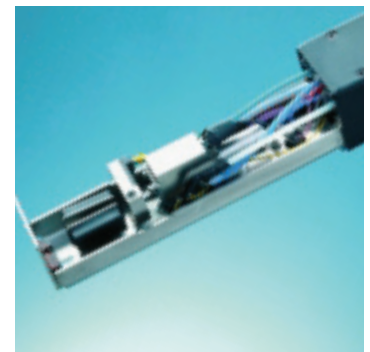
## Main Features:

- Rugged Cabinet Design  
304 grade stainless steel, rated IP53  
Dust and splash proof
- Flexible Applications  
Up to 4 lines in a variety of print formats
- Domino Inks  
Range of Advanced, Specialist and Custom inks for all application requirements



## Additional Options:

- Pinpoint™  
High speed, high definition micro printing, as small as 0.8mm in height, without compromising quality or clarity
- FreeForm™  
High definition free-flowing, curved characters, giving codes a "close-up" quality
- Egg Coder  
Compliant with FDA and EU legislation, the Egg Coder application prints up to three lines of mixed text and logos at production capacity speed
- XS  
Coding up to 30% faster than regular A400 coding, the XS retains reliability whilst meeting the demands of high-speed industries



A-Series print head



Unique Domino ink system

## Technical Specification

### 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
- Ethernet, RJ45 Connector
- 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

### Print head

**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 Show Door Open

