The Domino A300

For top coding performance in harsh environments



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 316 grade stainless steel, rated IP65 Protection from dust and water
- 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:

- PinpointTM
 High speed, high definition micro printing, as small as 0.8mm in height, without compromising quality or clarity
- FreeFormTM
 High definition free-flowing, curved characters, giving codes a "close-up" quality
- Opaque
 In industries where dark surfaces must be coded, the A-Series
 Opaque produces high visibility, high quality codes even on small areas
- XS
 Coding up to 30% faster than regular A300 coding, the XS retains reliability whilst meeting the demands of high-speed industries
- SE
 Category 1 IP66 protection in the toughest of environments



A-Series print head



Unique Domino ink system



Technical Specification

Control Unit

Control Panel: Membrane touch button

Cabinet: Stainless Steel (316) rated to IP55

(BS EN 60529:1992) IP65 (BS 5490:1977)

Cabinet

245mm x 475mm x 725mm (9.6" x 18.7" x 28.5") dimensions:

Weight: 36kg (79lbs)

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:

Ink bleed control:

Ink and make-up refill:

Automatic on start up 825ml (.87qt) cartridge

automatically metered

Peltier: Standard

Print head

Dimensions: 240mm x 41mm x 47mm (9.45" x 1.61" x 1.85")

Automatic

Conduit length: 3m (11'8) or 6m (23'6) Positive air: Optional internal supply.

Airdryer: Internal compressor or factory air option

Environment

Temperature range: $5 - 45^{\circ}\text{C} (40 - 112^{\circ}\text{F})$ 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: Auxiliary alarms connector: User port connector:

IP68 7 way socket IP68 9 way plug IP68 25 way socket

Accessories

Full range of photocells, stands and bracketry

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105.5 (4.1")

185.25 (7.29")



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Dimensions Show Door Open

716.5 (28.2")

13.5 (0.53"

(23.54" 475(18

43 (I.7")

Standard Printhead

700 (27.56")

495 (17.91")

90° Printhead

Radius 170 (6.7"

105.5 (4.1")

I49.5 (5.89")

245 (9.65")

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245 (9.65")

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