The Domino Egg Coder

The Domino Egg Coder has been designed in partnership with grader manufacturers and their customers, resulting in the highest standards of reliability, performance and ease of use.

Connects to all the main graders

Software for all the major grader types is integrated within the machine to allow operation with any model, so even when the grader is replaced the Domino ink jet printer can easily be relocated to a different grader type.

All electronics are inside the machine

Traditionally, ink jet egg systems have required interface equipment which interprets the grader communication protocol. With A-Series machines the software is integral to the machine which results in a compact and reliable installation.

3 lines of variable information

A-Series can code up to three lines of mixed text and logos at the maximum production capacity of today's biggest graders.

FDA and EU approved options

Domino offers a range of Egg Coder solutions including the A200 and A400 Egg Coder, as well as the A200 and A400 foodgrade Egg Coders. There are two red foodgrade egg coding inks available for each printer option. 445RD is a specially developed fast drying, boil–resistant, self–disinfecting ink with both FDA and EU compliance. 449RD is also a specially developed boil–resistant, self–disinfecting ink offering faster drying and enhanced print quality, and with FDA compliance.

A400 is ideal for space restricted areas

Where space is at a premium the A400 is an ideal alternative. Designed for use where multiple printers are required, the A400 can be stacked up to 3 printers high, and is configured in a racking system to make individual printers accessible.

Print Formats:

32 drop	12 drop
21 drop	7 drop
16 drop	5 drop

DOMINO ADVANCED CODING SYSTEMS

A-SERIES

Up to 4 lines of print in mixed dynamic formats (3 lines for maximum grader speed)
Actual (4x7) 12, 21 and 32 drop print samples

A200

A400

DOMINO

Technical Specifications:

Control Unit

Control panel:	Membrane touch button
Cabinet: (A200, A400)	Stainless steel (304) designed to IP53 (BSEN60529:1992)

Cabinet dimensions (A200):	245mm x 475mm x 725mm (9.6" x 18.7" x 28.5")
Weight (A200):	36kg (79lbs)

Cabinet dimensions (A400):	560mm x 450mm x 375mm (22" x 17.7" x 14.8")
Weight (A400):	33kg (72.4lbs)

Character Control

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

Compatible Grader Types

Selecta:	12R, 18R, 24R
Moba:	3500, 5000, 5100, 6000, 8000
Omnia:	250, 330
Diamond:	8200, 8300, 8400

Ink System

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

Printhead

Dimensions:	240mm x 41mm x 47mm (9.45" x 1.62" x 1.85")
Conduit length:	6m (23.6')
Positive air:	Standard unless FDA ink system fitted
Airdryer:	Internal compressor or factory air option Must be fitted with FDA ink system

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:	Provided by grader
Shaft encoder input:	Open collector or TTL encoder 12V via 5 way AXR connector (Selecta and Diamond graders only)

Options

Alarm beacon connector: IP68 7 way socket

Character Height

Throw Distance	Minimum	Maximum
2mm (.08")	0.8mm (.03")	3.2mm (.13")
6mm (.24")	1.0mm (.04")	3.8mm (.15")
12mm (.48")	1.2mm (.05")	4.8mm (.19")

Dimensions

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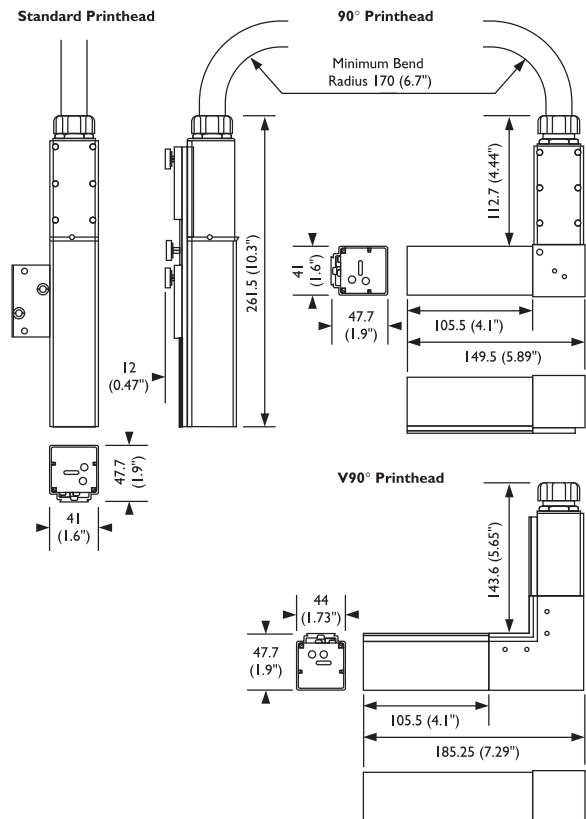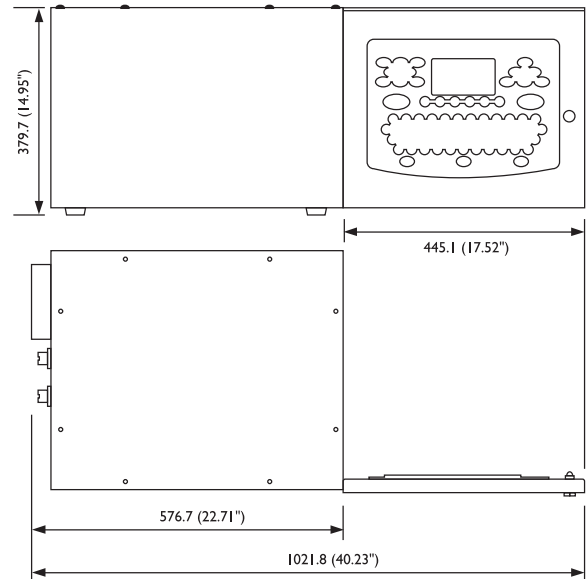1290 Lakeside Drive
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DOMINO

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