

# Domino A-Series *plus* Duo



High speed post-filler printing without the need to split the production line

## *The high speed, high volume ink jet solution for specialist applications*

Modern production lines are driven by high speed and traceability requirements. Printing multiple lines of code to match the traceability requirements can cause production line complexity or speed reduction.

Domino's new A-Series *plus* Duo utilises a special new twin jet printhead with a revolutionary new compact gunbody design to meet these requirements with class-leading performance.



Class-leading performance at any duty cycle (low, medium or high)

## HIGH PERFORMANCE

- Double the print speed of a conventional single jet printer
- Up to eight lines of print
- Twin jet printhead allows very high speed multi-line printing, making the design and layout of high speed production lines simpler

## HIGH AVAILABILITY

- Twin sealed nozzle (patented) printhead and true autoflush ensure reliable startups day after day, week after week
- Based on the Domino A-Series *plus* including all proven Domino values as standard
- Reliability – large volume sealed ink system, sealed nozzles, easy change ink
- Predictability – stable operation, proven technology
- Choice of IP53 or IP55 rated cabinet for reliability in any environment



High print density applications, including machine readable codes

## CONNECTIVITY AND FLEXIBILITY

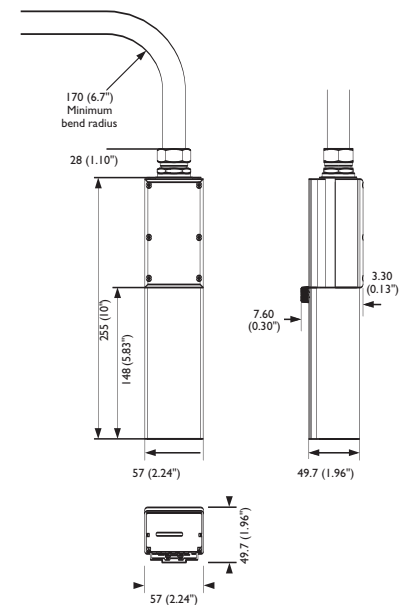
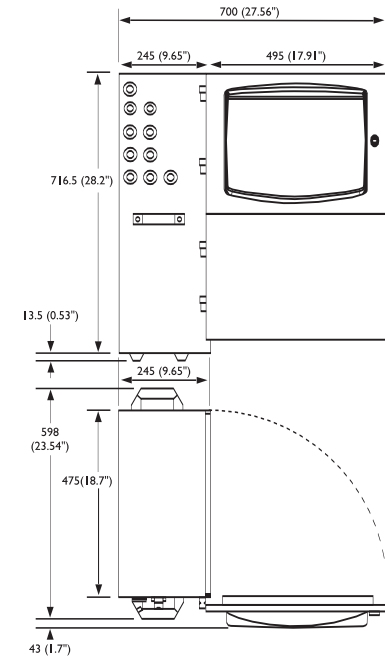
- Ethernet connection and USB port as standard
- All rasters and print formats on board including special A-Series *plus* Duo offset rasters for low gap twin line
- Built in web server and email alerts (user configurable)



# TECHNICAL SPECIFICATIONS

|                             | A200+DUO  | A300+DUO            |
|-----------------------------|---|---------------------|
| <b>IP RATING</b>            | IP53 (1992)   | IP55 (1992)         |
| <b>CONTROL UNIT</b>         |   |                     |
| Cabinet                     | 304 or equivalent Stainless steel   | 316 Stainless steel |
| Cabinet dimensions          | 245mm x 475mm x 725mm (9.6" x 18.7" x 28.5")  |                     |
| Control panel               | Membrane touch button or optional 10.4" SVGA colour touch screen  |                     |
| Weight                      | 36kg (79lbs)  |                     |
| <b>CHARACTER CONTROL</b>    | Auto repeat, Character width and height adjustment, Auto invert/reverse, User defined clock format, Print delay, Sequential/batch numbering, Product counter, Inverse reverse and bold characters, Message repeat |                     |
| <b>INK SYSTEM</b>           |   |                     |
| Viscosity control           | Automatic   |                     |
| Autoflush head cleaning     | Standard  |                     |
| Ink and make-up refill      | 825ml cartridges  |                     |
| <b>PRINT HEAD</b>           | Fully Serviceable   |                     |
| Dimensions                  | 255mm x 57mm x 49.7mm (10.04" x 2.24" x 1.96")  |                     |
| Conduit length              | 3m  |                     |
| Nozzle sealing              | Standard  |                     |
| <b>ENVIRONMENT</b>          |   |                     |
| Temperature range           | 5 – 45°C (40 – 112°F) operating   |                     |
| Humidity                    | 10 – 90% non condensing   |                     |
| Electrical requirements     | 100 – 250V, 47– 63Hz  |                     |
| <b>STANDARD CONNECTIONS</b> |   |                     |
| Product detector            | npn/pnp12V 100mA for photocell or proximity detector.<br>IP68 6-way socket  |                     |
| Shaft encoder input         | npn/pnp encoder 12V via IP68 6-way socket   |                     |
| Alarm Beacon Connector      | IP68 7-way socket   |                     |
| Auxiliary Alarm Connector   | IP68 9-way plug   |                     |
| Ethernet                    | IP68 RJ45 Connector   |                     |
| USB1.1                      | IP68 USB connector  |                     |
| <b>OPTIONAL CONNECTIONS</b> |   |                     |
| User Port Connector         | IP68 25-way socket  |                     |
| Data Input/Output Options   | Serial RS232, Rate: 110–38.4k Baud, software configurable   |                     |
| <b>ACCESSORIES</b>          | Full range of photocells, stands and bracketry  |                     |

All dimensions in mm (inches).



Duo Printhead Installation Dimensions

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