

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

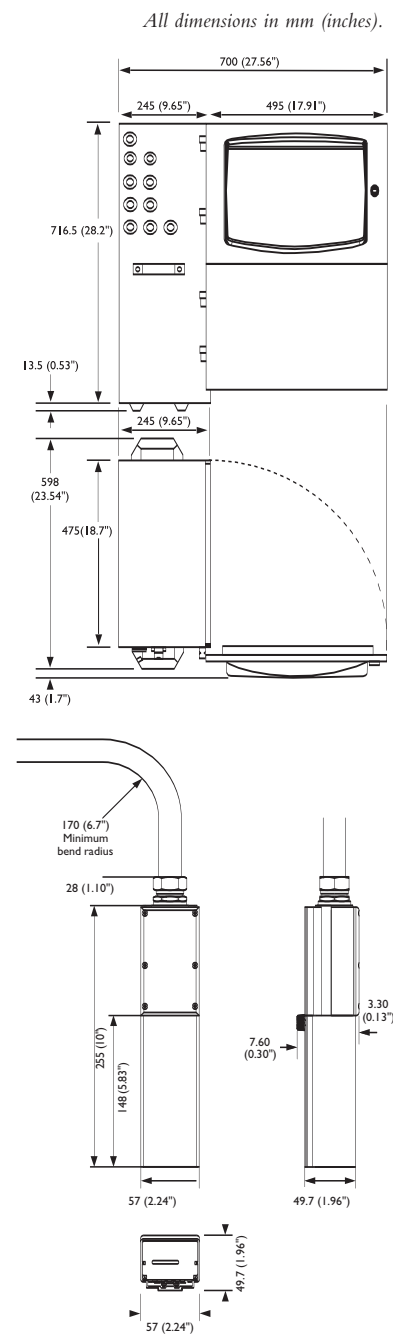
CONNECTIVITY AND FLEXIBILITY

- 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
IP RATING	IP53 (1992)	IP55 (1992)
CONTROL UNIT		
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)	
CHARACTER CONTROL	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	
INK SYSTEM		
Viscosity control	Automatic	
Autoflush head cleaning	Standard	
Ink and make-up refill	825ml cartridges	
PRINT HEAD	Fully Serviceable	
Dimensions	255mm x 57mm x 49.7mm (10.04" x 2.24" x 1.96")	
Conduit length	3m	
Nozzle sealing	Standard	
ENVIRONMENT		
Temperature range	5 – 45°C (40 – 112°F) operating	
Humidity	10 – 90% non condensing	
Electrical requirements	100 – 250V, 47– 63Hz	
STANDARD CONNECTIONS		
Product detector	npn/pnp12V 100mA for photocell or proximity detector. 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	
OPTIONAL CONNECTIONS		
User Port Connector	IP68 25-way socket	
Data Input/Output Options	Serial RS232, Rate: 110–38.4k Baud, software configurable	
ACCESSORIES	Full range of photocells, stands and bracketry	



Duo Printhead Installation Dimensions

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