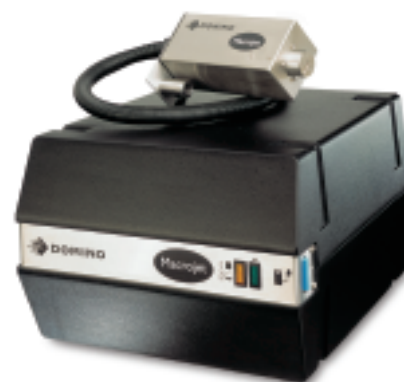


# Domino Large Character Coders

Reliable and robust solutions for large character coding



*The Domino Macrojet 2 and CaseCoder have well earned reputations for delivering reliable and cost effective large character coding in a wide range of industries. A compact design with integral print head allows the CaseCoder to be mounted on many types of carton taping machines and production lines while the Macrojet 2 can drive up to four remote heads from a single base unit.*



Compact carton coding with the Domino CaseCoder.

### Key Benefits:

- Reliable coding in difficult, dusty or dirty environments
- Flexible, cost effective solution for a wide range of substrates
- Easy to use, with large ink capacity for minimum operator intervention and maximum Up-Time
- Macrojet 2 – prints in any orientation, suitable for a wide range of applications

### Main Features:

- Sealed print head nozzles for maximum Up-Time in harsh environments
- Compact and robust design
- High volume ink system with choice of ink types and colours
- Sealed ink system for use with quick drying inks  
Macrojet 2 – print heads can operate in any orientation and up to four heads can be driven from a single base unit
- CaseCoder – integral print head design



Macrojet 2. The industrial large character printer.



Low level print head option.

## Maximum Productivity

- Reliable and robust design
- Continuous coding is a reality. Ink supplies can be replaced cleanly and easily during printing thereby avoiding unnecessary interruptions to production
- Non-porous surfaces are no problem. The unique head design allows fast drying inks (e.g. MEK based) to be used, producing sharp codes with maximum reliability
- Easily integrated into existing production facilities

## User Friendly

- Ink replacement is quick and clean using the self-sealing connector. The large 5 litre supply makes this process infrequent
- Simple operator software makes message creation and storage error free. The data entry terminal can be removed for added security
- Automatic variables in the code (numbering sequences, time and date data) reduce the number of code changes required and ensure that the message is accurate
- Up to 50 messages can be prepared, checked and stored for later use helping to eliminate coding errors



Code a wide range of substrates.



Consistent print quality on non-porous substrates.

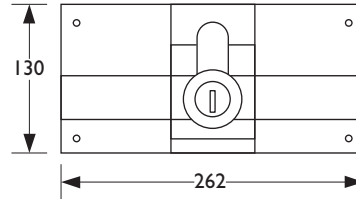
## Print Qualities

- Capable of printing multiple lines of code onto many different surfaces. Can be used with a wide range of inks, which are suitable for porous and non-porous surfaces from metal and plastic to sacking, paper or timber
- Low level print head option for tray coding or printing near the base of products
- Print drop size can be adjusted for the substrate to be coded, offering the best print quality for the application

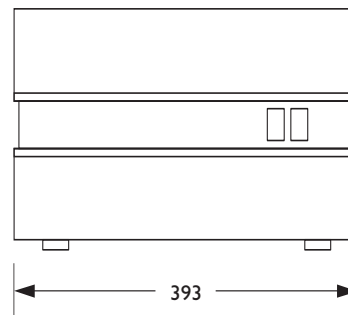
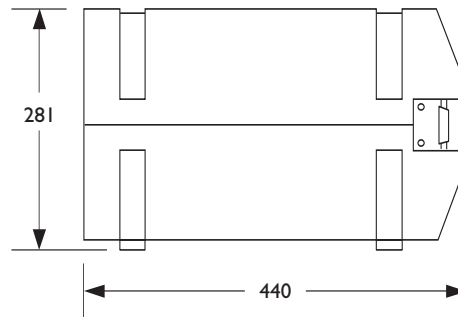
## Dimensions:

All dimensions in millimetres

### Casecoder Dimensions



### Macrojet Dimensions



## Technical Specification:

<b>Dimensions</b>	<b>Macrojet 2</b>	<b>CaseCoder</b>	
<b>Control Unit</b>			
<b>Height:</b>	281 mm	130mm	
<b>Width:</b>	393 mm	262 mm	
<b>Depth:</b>	440 mm	365 mm	
<b>Weight:</b>	25 kg	10 kg	
<b>Construction:</b>	Epoxy finished structural foam with RF screen		
<b>Macrojet Print Head</b>	<b>Type A</b>	<b>Type B</b>	
<b>Height:</b>	85 mm (7 drop)	111 mm (16 drop)	
<b>Depth:</b>	223 mm	269 mm	
<b>Width:</b>	70 mm	70 mm	
<b>Weight:</b>	1.8 kg	2.5 kg	
<b>Conduit Length:</b>	4 m standard, 8 m option		
<b>Character Height</b>	<b>Type A</b>	<b>Type B</b>	<b>Single line</b>
	8 mm (5x5 matrix)	32 mm (16x10 matrix)	8 mm (5x5 matrix)
	12 mm (7x5 matrix)	50 mm (16x10 matrix)	12 mm (7x5 matrix)
	16 mm (7x5 matrix)		
	20 mm (7x5 matrix)		
			<b>Twin line</b>
			8 mm (5x5 matrix)
			12 mm (7x5 matrix)
			32 mm (16x10 matrix)
<b>Throw Distance:</b>	Maximum of 15 mm dependent upon product speed		
<b>Macrojet Print Heads</b>	Up to four print heads can be combined up to a total of 32 nozzles. Each character height requires a dedicated print head.		
<b>Character Control</b>	Adjustable drop size. Invert, reverse and bold characters. Adjustable character width. Print Delay. Product counter. Real time clock (time and date). Serial Numbering up to 8 digits. Multi-language characters, customer logos and symbols. Auto message repeat.		
<b>Ink System</b>	Disposable ink supply 5 litre container. Fast clean ink changes. No down time for ink top up. Ink available for coding on porous and non-porous surfaces. Integral pump; no requirement for factory air. Minimal waste is generated with this system, as it uses a depleting bag in box ink supply. This allows safe and non-contact changing of new ink supplies		
<b>Ink options:</b>			
<b>Solvent Base</b>	<b>Properties</b>	<b>Surfaces</b>	<b>Black</b> <b>Blue</b> <b>Red</b> <b>Green</b> <b>Yellow</b> <b>Clear</b>
<b>Methyl Ethyl Ketone</b>	Fast drying, excellent adhesion and end user properties on most surfaces	A wide range of plastics including shrink-wrap, metals, concrete, timber, paper and board products.	✓ ✓ ✓ ✓ ✓ ✓
<b>Alcohol</b>	Moderate drying times, excellent end user properties	Metals, some plastics, timber, paper and board products	✓ ✓ ✓
<b>Water</b>	Moderate drying times on porous surfaces, excellent end user properties	Many absorbant surfaces including paper and board products	✓ ✓ ✓
<b>Data Input</b>	Pocket terminal. Interface: RS232. Domino software. Data retention during power off		
<b>Standard Connections</b>			
<b>Product Detector:</b>	5 Pin AXR 12V, 100mA for photocell or proximity sensor		
<b>Shaft Encoder Input:</b>	Suitable for open collector or TTL encoders 5 Pin AXR		
<b>External Alarm:</b>	One output via N/O relay contacts 2.5A at 60V max non-inductive		
<b>Environment</b>			
<b>Temperature Range:</b>	5 to 45°C operating		
<b>Humidity:</b>	10-90%RH		
<b>Electrical Requirements:</b>	78VA maximum, 50-60Hz, 6 position voltage selector (non-condensing) 110-260V		