

# Domino – Extrusion Laser Coding Station

Domino's new innovative Extrusion Laser Coding Station offers a CO<sub>2</sub> or fibre laser solution with a product guiding and length measurement system ensuring the achievement of Laser Class I safety standards for your production line.

This innovative solution offers a variety of application possibilities enabling coding onto a wide variety of products, such as cables, wires, tubes, and hoses.



## Extrusion Laser Coding Station

- ◆ Class I Extrusion Laser Coding Station for extrusion products
- ◆ Designed for a variety of different Domino laser products
- ◆ Suitable for product diameters from 0.8 mm to 50 mm
- ◆ No focus adjustment needed over a wide range of diameters

## Highlights

- ◆ Lump transfer up to 50 mm product diameter
- ◆ Integrated length measurement system
- ◆ Easy to integrate into a loaded production line
- ◆ On the fly marking up to 500 m/min (300 m/min with lump transfer)

## Benefits

- ◆ Ideal for permanent coding requirements in extrusion and rewinding applications
- ◆ Specifically designed plug and play solutions for various installation needs
- ◆ Hard-wearing parts that do not require maintenance
- ◆ Reduces product waste and helps avoiding downtime

[www.domino-printing.com](http://www.domino-printing.com)



A Domino Extrusion Laser Coding Station in combination with a wide range of Domino's laser products is a perfect fit for continuous applications. Using Domino's fibre lasers or CO<sub>2</sub> lasers, a wide range of difficult to code surface materials can be marked. High-quality codes can be achieved on cables, pipes, tubes in a wide range of diameters, flexible and rigid hoses and even round profiles.

## Technical specification

### Extrusion Laser Coding Station

Laser system	D-Series - CO <sub>2</sub>		F-Series - fibre			
	D320i	D620i	F230i CP	F230i EP	F520i CP	F720i CP
Laser model	D320i	D620i	F230i CP	F230i EP	F520i CP	F720i CP
Ingress protection cabinet / laser head	IP43 / fan-cooled		IP43 / IP65		IP55 / IP65	
Laser power	30 Watt	60 Watt	20 Watt		50 Watt	70 Watt
Standard operating temperature	5-40°C		5-40°C		5-35°C	5-35°C
<b>Raw material characteristics</b>						
Diameters	From 0.8 mm to 50 mm					
Types	Endless / continuous products like cables, wires, tubes, pipes, hoses					
Surfaces	Wide range of plastic and metal surfaces					
<b>Extrusion Laser Coding Station</b>						
For table top installations						
Dimensions (*1)	535 mm x 530 mm x 580 mm (L x W x H)					
Weight (*1)	42 kg					
Dimensions of the Laser controllers (L x W x H in mm)	371 x 430 x 154	371 x 430 x 309	371 x 430 x 309		430 x 416 x 560	430 x 416 x 560
Total weight (including laser system)	85 kg	95 kg	90 kg		100 kg	105 kg
Power requirements	90-264V, 47-63Hz, 2000VA maximum					
User interface	10.4" colour touch screen					
Beacon	Green, orange, red, blue					
Focus adjustments	Not needed with a wide range of diameters					
<b>Laser safety</b>	Laser Class I					
<b>Norms</b>	CE Compliant					
<b>Accessory</b>	Domino DPX extraction system, depending on the material to be marked					
<b>Height adjustable rack option</b>						
Production height levels	800 mm to 1200 mm			950 mm to 1200 mm		
Total dimensions	750 mm x 530 mm x 1570 mm (L x W x H)					
Weight	75 kg					
Extended mobility option	Jacking castors to replace adjustable feet					

\*1 without accessories and laser

Fast and reliable solutions for marking high-quality codes on your product. A laser coding solution does not require consumables and minimises downtime to enable 24/7 production uptime.



### TALK TO AN EXPERT

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