

Domino – Extrusion Laser Coding Station

Domino's new innovative Extrusion Laser Coding Station offers a CO₂ 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



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Domino. Do more.

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 CO₂ 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 ₂		F-Series - fibre			
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
Raw material characteristics						
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					
Extrusion Laser Coding Station	For table top installations					
Dimensions (*I)	535 mm x 530 mm x 580 mm (L x W x H)					
Weight (*I)	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					
Laser safety	Laser Class I					
Norms	CE Compliant					
Accessory	Domino DPX extraction system, depending on the material to be marked					
Height adjustable rack option						
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					

*I 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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