

Extrusion Ink Coding Station

EICS Control Rack Lite & EICS50 Print Stand for Pre-Treatment

A modular solution consisting of a **Control Rack Lite** and an **EICS50 Print Stand**, designed to meet the various installation needs of extrusion production lines. This compact solution offers both a product handling system for protected printhead integration due to lump and knot transfer and a pre-treatment system, supporting continuous coding with surface activation of extrusion products such as cables, wires, pipes and tubes with **diameters of 0.8mm to 50mm**.

Equipped with the **Domino's Ax-Series** inkjet printer, and with a plasma or corona pre-treatment system, this solution provides high-quality codes even when printing on challenging materials.



Benefits

- ◆ Fully equipped EICS solution from ONE single source
- ◆ Guarded safety offered with the unique protective flap
- ◆ Easy passing of lumps and knots without damaging printheads
- ◆ Waste reduction and minimal downtime between runs
- ◆ A compact solution suitable for space-limited production lines
- ◆ Modular, and adaptable to different line installation positions
- ◆ Improved ink adhesion and abrasion resistance
- ◆ Printhead and encoder protection

Facts & Features

- ◆ Height adjustment
- ◆ Domino TouchPanel for **Ax-Series** printers
- ◆ Pre-treatment systems for surface activation
- ◆ Optional fan / exhaust extraction
- ◆ Printer beacon
- ◆ Mobility option

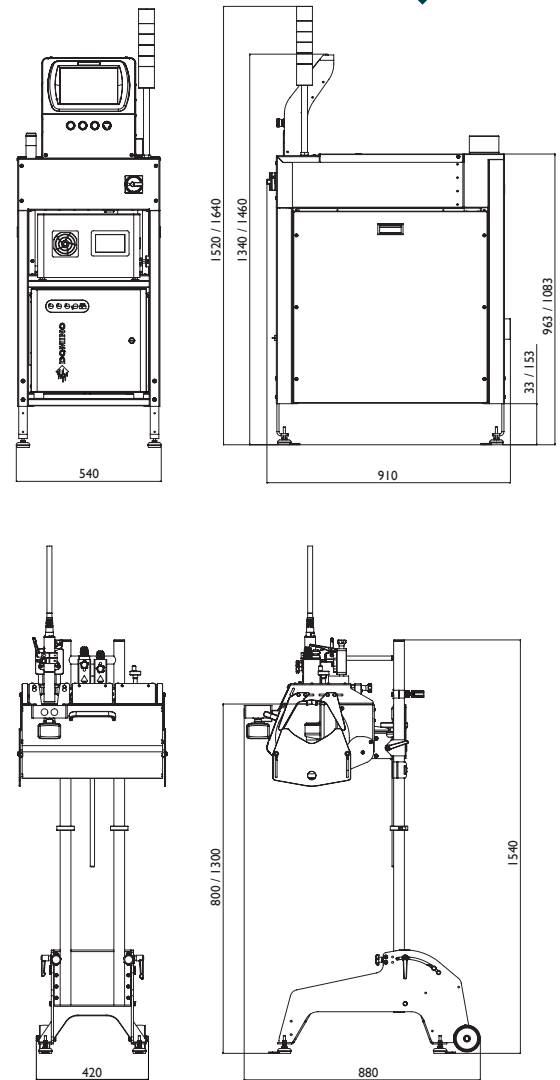
www.domino-printing.com

Technical specification

Extrusion Ink Coding Station – EICS Control Rack Lite with EICS50 Print Stand

EICS Control Rack Lite		
Dimension	W x D x H: 540mm x 910mm x 1640mm	
Weight	135kg (control rack with devices), 81kg (without printer, beacon and treatment device)	
Input voltage	400V, 11A	
Power	3700W	
Fused protection	16A	
Connection type	3 PH, CEE 5 x 16 A 6h	
Environment	5–40°C	
Humidity	max. 80 % non-condensing	
Line running signal	Required encoder signal	
Exhaust connection	110mm outer diameter	
External air extraction capacity	> 300m ³ /h necessary	
Mobility	Jacking castors	
EICS50 Print Stand		
Dimension	W x D x H: 420mm x 790mm x 1540mm	
Weight	47 kg	
Product height levels	800–1300mm	
Mobility	Jacking castors	
Ground clearance	153mm	
Direction of production	Left to right & right to left	
Head mounting unit		
Printhead	i-Pulse RS or i-Pulse	
Inline wash station	Ensures fast printhead cleaning and precise repositioning	
Fine adjustment	+/- 15mm two axis	
Weight	6.5kg	
Product Guiding Unit		
Equipment	Ax-Series standard encoder	
Product diameters	From 0.8mm to 50mm	
Weight	4.3kg	
Protective flap		
Housing dimensions	W x D x H: 550mm x 390mm x 360mm	
Weight	10kg	
Optional features		
Pre-treatment unit		
System	Plasma	Corona
Line speed	Limited to customer application	
IP (controller)	IP20	
Head	T-Spot S3 (FD)	T-JET (A)
Compressed air	8mm connection input Min. 6bar; purity requirements	N/A
Weight	3.2kg	
Pedestal (optional for remote operator panel)		
Dimension	W x D x H: 470mm x 390mm x 1100mm	
Weight	21.5kg	
Technology/Product fit		
CIJ systems		
Ax-Series	Ax350i	Ax550i

Sampling is an essential part of the ink adhesion process.
To provide the best solution for your material needs, sampling is highly recommended.



TALK TO AN EXPERT

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