

Extrusion Ink Coding Station

ElCS Control Rack Lite & ElCS250 Print Stand for Pre-Treatment

A modular solution consisting of a **Control Rack Lite** and an **ElCS250 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 pipes, tubes and cables with **diameters of 20mm to 250mm**.

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



Benefits

- ◆ Fully equipped ElCS 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

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Technical specification

Extrusion Ink Coding Station – EICS Control Rack Lite with EICS250 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	> 300m³/h necessary
Mobility	Jacking castors

EICS250 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

Encoder unit

Equipment	Ax-Series standard encoder
Product diameters	From 20mm to 250mm
Weight	2.8kg

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

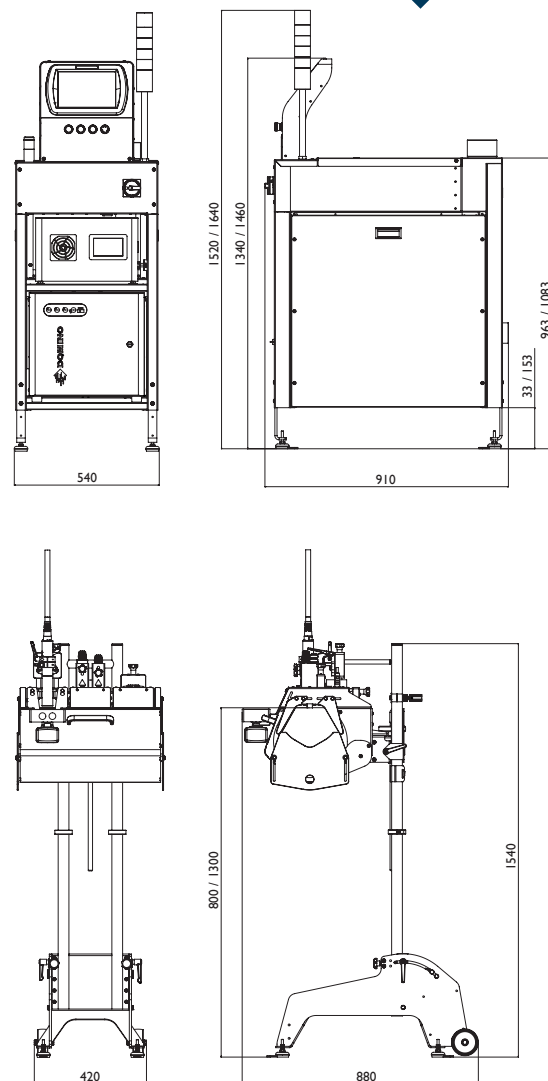
Technology/Product fit

CIJ systems

Ax-Series	Ax350i	Ax550i
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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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