DOMINO

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
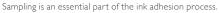◆ Printhead and encoder protection

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

Domino. Do more.

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	> 300m³/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

Email: enquiry@dominoindia.com
Website: www. domino-printing.com
Phone: +91-900 900 6612