

DataPrint

Precision Inkjet Printer for Aluminium Printing under anodised Coating



Flatbed inkjet printing system, 1-4 colours, for printing under eloxal on anodised aluminium. With height adjustable vacuum table for a substrate thickness of up to 40 mm. Universal ink feeding unit for different ink types. Rapid change of ink. Well defined and properly positioned print on mechanically finished panels. Precise workpiece intake using reference pins (optional). After the sealing stage, the print exhibits remarkably good final characteristics such as resistance to atmospheric corrosion, resistance to solvents, chemicals resistance, abrasion-proof, light fastness and anti-graffiti capability.

The artistic possibilities and the creation of photo-realistic images for information and navigation boards, sign posts etc. are virtually unlimited, likewise the printing on front panels, housings, industrial and electronic components, measuring devices etc. The sequential numbering for labels and EAN codes is also feasible. Data preparation is handled by the Dataprint system Rip. Print control via dedicated system software with a range of special functions. Installs under Microsoft Windows Professional or windows server operating systems.

The under eloxal inks are certified after SN EN ISO 105-B04. The flexible Dataprint print head and ink feeding system permit using also additional inks for printing on most diverse substrates.

Technical Data

Maschinentyp	S-800	M-1200	M-1600	L-2500	XL-3000
Effective working surface	480x780	1150x950	1550x950	1800x2450	1800x2950
Max. passage depth (mm)	40	40	40	40	40
External dimensions LxWxH (mm) excl. console	1250x1360x1200	1650x1840x1200	2070x1840x1200	3160x2800x1200	3740x2800x1200
Approx. net weight (kg)	360	600	800	1150	1250
Resolution (dpi)	720x720 (1440)				
Addressable resolution (mm)	+/- 0.02				
Keyboard	4-line LCD display, multilingual				
Input voltage settings (V)	110 / 115 / 230				
Mains frequency (Hz) + (Power consumption (VA))	50 / 60 (700)				
Safety (CE, UL)	Photoelectric barriers with integrated self-test monitor the work area				

additional types available up to a printing size of 1800 x 2950mm.

Information and Sales:

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Dimensions and technical data subject to change without notice.

Special dimensions on request!