

betaJET C Inkjet printer



Drop-on-Demand - InkJET printer.
Non-contact addressing and coding – directly in the production line.

The betaJET C is a freely programmable inkJET system for printing in high resolution. It is suitable for industrial addressing and in-line printing on cartons, cardboard boxes, trays and all absorbent materials. The sophisticated technology allows not only for rather simple jobs, like the printing of dates, but also for very complex applications, e.g. the processing of external data from a scanner, scale, PC or data base.

Up to four print heads enable print texts of 32 lines. The character height varies from 1.5 mm to 23 mm. Depending on the model, the betaJET C can either be integrated with one single production line, or print completely different data in different colors at each of two separate production lines.

The print heads can be integrated with almost any production line. The print image is of consistently excellent quality whether on smooth or uneven surfaces, regardless of the orientation of the print head.

Technical Data

Dimensions:	control unit: 300 x 175 x 350 mm, L x W x H
Weight:	14 kg
Housing:	stainless steel
Print system:	drop-on-demand inkJET system, including control unit, ink system and print head
Ink system:	ink in 125 ml and 500 ml cartridges (return for refill available), exchange without stopping the machine, various colors available
Print head:	64 channels with 64, 128 nozzles; piezo-controlled
Resolution vertical:	print head HR 128: 142 dpi (71 p/i) at total height 22.8 mm print head HR 64: 142 dpi (142 p/i) at total height 11.4 mm
Res. horizontal:	dep. on speed (e.g. 15 m/min: 800 dpi up to 240 m/min: 50 dpi)
Operation:	easy-to-operate interface via integrated terminal, graphic interface (WYSIWYG), interface for integration with network of other machinery, optional data storage via interface (via PC-program), password protection
Working conditions:	Temperature +10° up to +40° C, relative humidity max. 90 %, non-condensing
Hardware features:	Control unit and print unit are independent of one another. Hence, further print units can be controlled and synchronized by one single master unit. Peripheral equipment; e.g. image analysis control, separating devices or code reader, is controlled and synchronized via a previously defined interface
Software features:	Texts of up to 8 lines per print head possible, texts can be combined with different fonts, e. g. for addressing, personalization, automatic date, current numbering, time, shift identification, bar codes, logos and graphics, graphic programs for in-house preparation of logos etc., automatic error diagnosis
Distance print head - item:	max. 5 mm (depending on print speed)
Power supply:	230 V, 115 V (± 10 %)
Power consumption:	220 VA
Protection type:	IP 54 (housing)

Subject to technical modification