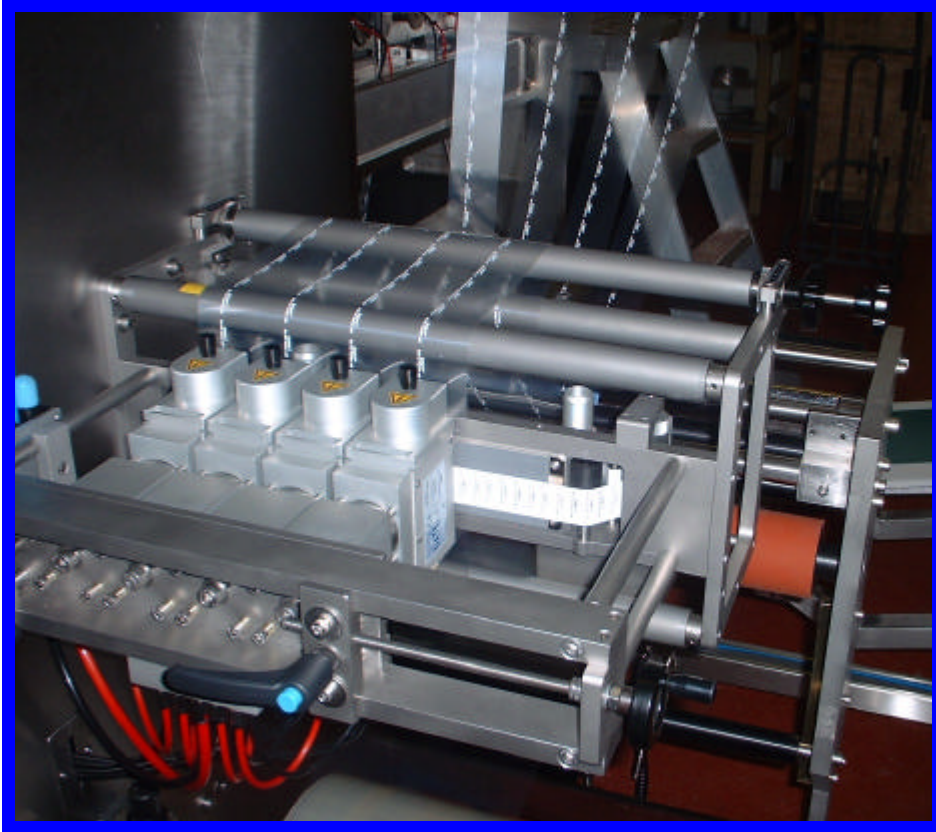


ML SERIES MULTI-LANE HOT FOIL CODING SYSTEM



The Open Date ML Series is a self contained, multiple lane hot foil overprinting system. It provides an on-line contact overprinting solution where a single substrate has to be coded a number of times across it's width and where previously it has been necessary to fit complete hot foil printers for each lane.

Individual printing heads are combined with one independent printing foil feed system enabling multiple lanes of substrate material to be hot foil printed simultaneously.

The heart of the ML system is the well proven Open Date hot debossing head, one per lane. Each head can print an area of up to 50mm along the substrate and 25mm across it and is provided with it's own fully variable temperature control system and print height adjustment. Print dwell time is controlled for all heads via a single potentiometer. An integral solenoid valve and distribution manifold provides compressed air to each of the heads.

The ML's independent printing foil feeding system uses one roll of foil which is pulled under the printing heads and across the entire width of the substrate material by a stepper motor drive system. Foil indexing is adjustable in increments of 0.1mm.

Standard ML's can be supplied in a number of different widths in 100mm increments and with any number of printing heads that can be contained within the frame. They can be customised by the addition of brackets and rollers to suit most packaging machines.

A separate electronic control unit for the ML Series incorporates temperature regulation, print dwell time and foil index control systems.

Specifications

- Print area (per head) 50 x 25mm
- Substrate width (max.) 1000mm
- Minimum pitch between lanes 59mm
- End of foil alarm Standard
- Printing foil length (max.) 305m
- Printing foil width (max.) 55mm
- Printing foil indexing range 0.1 to 399.9mm
- Print dwell time range 16 to 660 milliseconds
- Head temperature range 70 to 220 degrees C

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