



BOXMATIC Manual

Semiautomatic corrugated
converting machines

...boxmaking made easy



solarco

BOXMATIC Manual **range**

Boxmatic Manual range is designed for the professional and effective production of regular slotted boxes, pads, divisions etc. Our machines cater to small to middle run lengths, due to the small production area required and the fast machine setting. It is possible to process unlimited lengths of corrugated sheet board from single wall to triple wall, from which an operator can make multi out production along and across the plain stack board. In one pass, it is possible to produce plain or printed boxes with additional die-cutting and prepared glue flaps, ready for gluing or stitching and shipping to the customer. The machine is equipped with a manual feeding table.



Shown is the Boxmatic Manual DCFM-D (double die-cut with flexo module)

All machines of the Boxmatic Manual Line are connected to remote diagnostic support, via the internet for effective and fast support at a very reasonable price.

BOXMATIC Manual DCFM-D

This model comes with one double die-cut section and a large format smart flexo print section. With this additional option, it is possible to make two independent die-cuts (e.g. not just for hand holes but also for more additional cuts lengthwise and crosswise). The smart flexo print unit allows the operator to set more than one printing plate on one printing cylinder. For each plate, he can set the desired position on the box and print anywhere within the length on the box.

BOXMATIC Manual DDC-DD

This model comes with two double die-cut sections. This increases the possibility of the machine to allow for more additional shape cuts in one pass. In the machine, it is then possible to place four small or two big die-cut trays, allowing for using more die-cut forms and different knives to be fitted.

BOXMATIC Manual DC-D

The smallest of the models, this machine has one double die-cut section giving the possibility of producing two independent die-cuts. This machine has all advantages of the Boxmatic Manual range, but comes at a lower cost.

	Up to 2000 boxes per hour with multi-out production		Many FEFCO types, including liners, partitions, pads, trays and more
	Precise final production		Remote diagnostic support via internet for faster servicing
	Easy set-up with more options for individual adjustments		Ongoing machine innovations to satisfy all customers' needs

Semiautomatic corrugated converting machines



Transversal creases and slots

The transversal slot and creases are made by the slotting beam, with slotting and creasing knives fixed by a pneumatic fixing system across the width of the machine, allowing for fast and easy setup. Guide rulers show the operator where to set the knives.

Longitudinal creases

Using a single screw, it is very easy to move, add or remove creasing wheels. It is possible to change cutting and creasing wheels on two shafts and produce very small boxes or remove the wheels and produce very large boxes. Adding and removing wheels allows you to use the whole width of the machine in one out or multi out production.

Transversal cutoff

The servo driven guillotine allows multi production down the sheet length from longer stack board or processing from unlimited sheet length (fan fold), and at the same time, it creates a neat glue flap. Due to combination off guillotine and cutting wheels, it is very simple to slit and score the sheet.

Lengthwise cutting/slitting

Adding, removing or moving the cutting wheels is very easy using already mentioned one screw fixing system. Cutting wheels can cut oversize sheet and give the possibility of crosswise multi production.

Additional die cut section

Additional die cut section allows you to make more operations in one pass and increases possibilities of the machine. According to which tool is used in the die cut section, it is possible to make different holes, slots, glue flap presses, perforation marks and many more additional shape cuts in lengthwise and crosswise direction in one pass. Fixing, changing and setting of the die cut forms is very easy and fast. It is possible to set the die cut forms the entire width of the machine.

Smart flexo print

Our new unique smart flexo printing units allow the use of a maximum single printing plate of 0.5 x 1.0 m. (19.68" x 39.37"). By fitting smaller printing plates onto the cylinder, you are able to print each of them in the desired position on the entire length of the box, more than once. The machines can be equipped with more printing units (2 in machines size 1.8 m and 3 in machine size 2.3 m), each print unit can print a different color. Anilox rolls and doctor blades create high quality print. Printing plates could be set on the cylinder with mounting strips or with double side tape, making it very easy to set repeated jobs.

PLC terminal

Job setting is made on the intuitive touch PLC terminal where you can add a job, save or load previous jobs. First, enter the box dimensions (lengthwise and crosswise), then the position of the box on the sheet. The machine shows the operator where to set the tooling. It is also possible to analyze potential and real productivity for each operator, manually move with tools in the machine and many other functions.

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FEFCO types

0200, 0201, 0202, 0203, 0204, 0205, 0206, 0208, 0209, 0210*, 0211*,
0212*, 0214, 0225*, 0228, 0229, 0230, 0231
0300, 0301, 0302, 0306, 0310, 0312, 0313, 0320, 0325, 0331
0400, 0401, 0402, 0403, 0404, 0405, 0406, 0409, 0410, 0411, 0412,
0413, 0415*, 0416*, 0420*, 0430*, 0440*, 0441*, 0442, 0443*, 0452,
0453, 0454, 0455, 0456, 0458
0501, 0502, 0503, 0504, 0505, 0507, 0509, 0510, 0511, 0512
0601, 0602, 0605, 0606, 0607, 0608, 0610, 0615, 0616, 0620, 0621
and series 09xx

*possible with model DDC-DD

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