

BOXMATIC

Automatic corrugated
converting machines

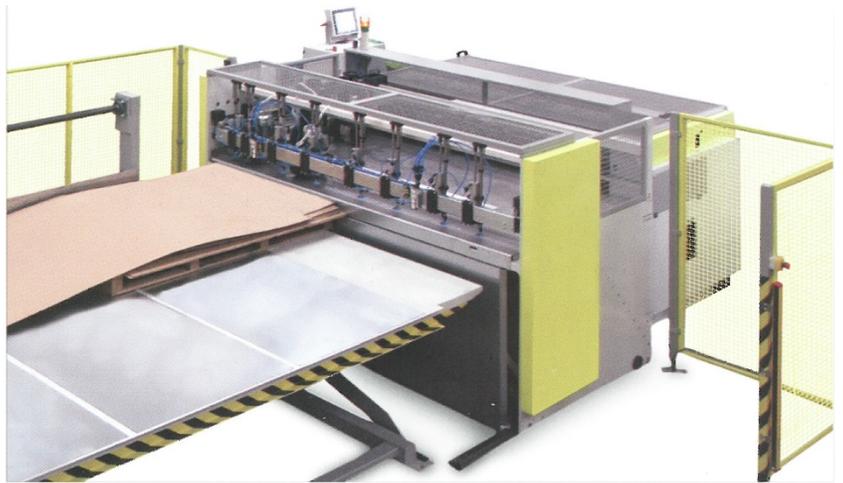
...boxmaking made easy



solarco

BOXMATIC range

Boxmatic 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 up to 6 m of length 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 can be supplied with either a standard automatic feeding system or with an automatic feeding system from a pallet and a lifting table. The type of lifting table depends on the height of the stack board. A basic lifting table can feed the stack board of 0.9 m and an underground placed lifting table feeds a stack board of 1.7 m. Either, the underground lifting table is placed in a pit or the machine is placed on a higher base. At the delivery end it is possible to supply an automatic unloading system for stacking onto the pallet. Each of these systems reduce the operating requirements. All machines of the Boxmatic range are connected to remote diagnostic support, via the internet for effective and fast support at a very reasonable price.

BOXMATIC DCPE/DCPE-D

This model comes with one single or 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 DDC/DDC-D/DDC-DD

This model comes with two die-cut sections. Both or just one section can be doubled. 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, two small and one big or two big die-cut trays, allowing for using more die-cut forms and different knives to be fitted.

BOXMATIC DC/DC-D

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

	Up to 2300 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

Automatic 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 cut off

The servo driven guillotine allows multi production down the length of the sheet from longer stack board, 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 perform 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 also possible to set the die cut forms the entire width of the machine.

Smart flexo print

Our 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.

BOXMATIC 18 & 23 range

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-DO

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