

Put us to the test now:
 You've got the contracts,
 we have the time and equipment!



FIXATION WITH OVERLAY MATERIAL:

Here the booklets are inserted between the underlying web and the overlay material by the chain system. The web is usually printed but not yet punched at this stage. Booklet blanks are fed to the optional BC 330 sector-type roll punching press individually or in groups for precision punching of the booklet and label outline. The product is then wound on rolls following the vacuum-extraction of trimmings.

FIXATION VIA A LABEL DISPENSER:

An optional label dispenser can be added to apply a sealing label or transparent film label to the product. In this case, the booklet must be previously affixed with glue.

LINE-END PUNCHING PRESS WITH INTEGRATED VACUUM EXTRACTION

Machines equipped with a laminating station can also be fitted with a sector-type roll punching press. This press can punch one or several blanks at a time, depending on product length. The use of the roll punching press allows your line to process booklets with up to 36 pages. The built-in insetter control system easily achieves punching tolerances within 0.2 mm. The flat press concept is the most efficient alternative to rotary cutting units, especially for handling varying booklet types.

However, rotary cutting units to user specifications can be provided!

flytec B 5000 – technical data

Speed:	up to 16,000 products/hr
Feeder system dispensing accuracy:	+/- 0.5 mm
Punch, length / width:	300 x 330 mm
Speed:	up to 6,500 punching operations/hr for individual blanks for products up to 150 mm several products can be punched simultaneously
Punching accuracy:	+/- 0.2 mm
Web width:	max. 340 mm
Base material speed:	max. 40 m/min
Web tension:	1 - 15 kg
Web edge control:	Fife
Remote maintenance:	ISDN
Pneumatics:	6 bar
Power supply:	3 x 400 V / N / PE 50 Hz, 50 A

Options:

- Second bookletfeeder • Flatbed or rotary diecutting unit • Inkjet printer • printing unit • labeller • camera based booklet positioning control • Slitting unit
- Special solutions on request.



flytec B 5000 – Booklet machine for labels with content



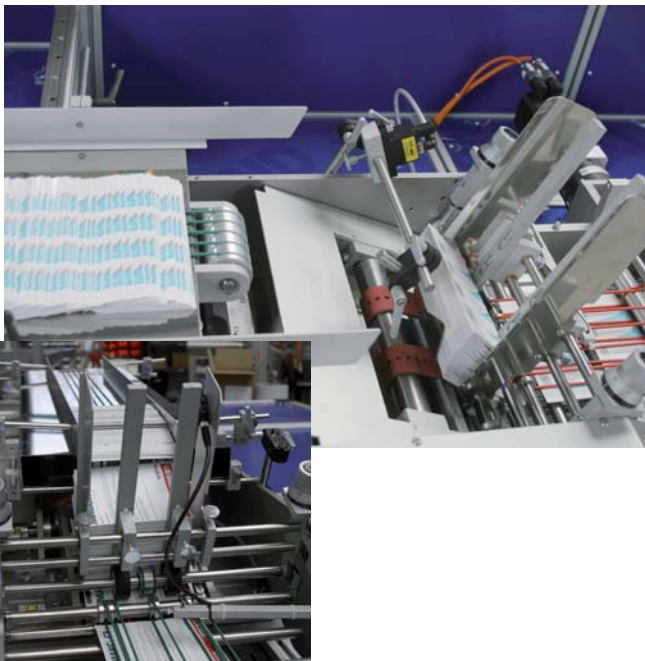
flytec B 5000 – professional processing of bookletlabels in one step: gluing, laminating, diecutting and rewinding + options

The flytec B 5000 removes package inserts or description booklets one-by-one from a feeder chute by means of a suction or friction-type lay-on attachment, then places them onto a web blank or pre-printed via a conveyor chain mechanism.

0.5 mm booklet position accuracy is achieved via a specially developed register control system. Booklets up to 36 pages can be handled easily by the servo-controlled chain conveyor.

Configure your booklet machine according to your own needs!

Our bookletmachines can be equipped with flatbed or rotary diecutting unit, second bookletfeeder, inkjet printer, additional printing unit, and further options.



THE CORE ELEMENTS OF OUR BOOKLET MACHINE: THE FEEDER AND CHAIN SYSTEMS!

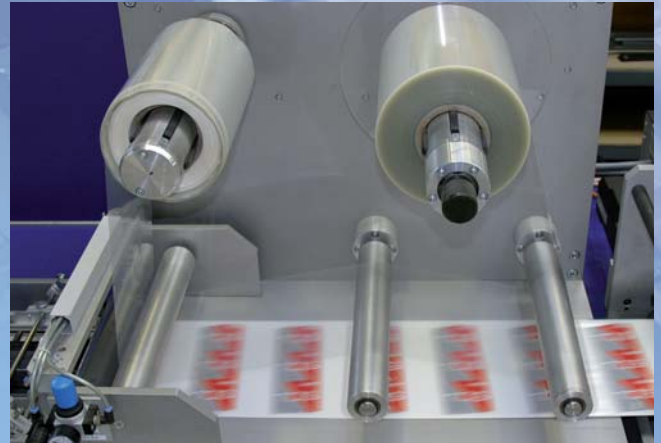
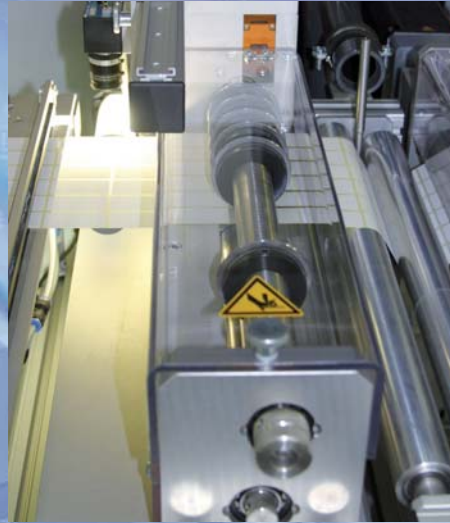
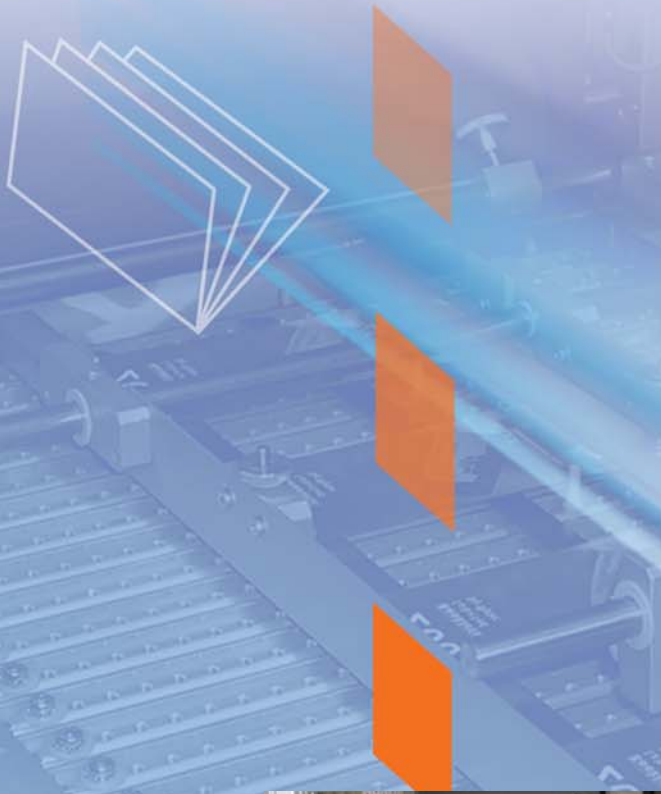
Booklets are removed one-by-one from a chute and transferred to variable compartments by one of our feeders. The variable compartment layout accommodates booklet lengths from 30 x 80 mm up to 305 x 280 mm. A dynamic-response servodrives system, combined with our register control, ensures high outputs (up to 16,000 products/hr.) at a positioning accuracy of 0.5 mm.

DRIVE SYSTEM

The flytec B 5000 is fully equipped with individual digital servo-motors. This drive concept ensures precision web tensioning, accurate web tracking, excellent positional accuracy, and high throughput.

OPERATION

The flytec B 5000 is managed via Windows XP operating system and controlled by a set of microprocessors. System components including gluing device, laminator, punching press or monitoring unit are fully integrated into the Windows XP user interface. Operation is simple via the user friendly HMI and ergonomically positioned controls.



FIXATION WITH HOT-SETTING GLUE DISPENSED BY SPRAY OR SPOT NOZZLES:

This is the cleanest and most efficient gluing method. A sharply defined, clean-edged glue application area and an extremely thin glue layer will ensure that the booklet is perfectly affixed to the supporting label.

Spots of a hot glue are placed on the web by spray or spot nozzles before the booklets are affixed. A combination of permanent and non-permanent glue types can be used. Thus, a lug that requires opening may be fixed with a non-permanent glue. An overlay material can, but need not be, laminated onto the web after the gluing process. If no overlay is used, the booklet can be directly placed on a pre-punched carrier label, eliminating the need for a subsequent punching step.

SEVERAL POSSIBILITIES ARE AVAILABLE FOR AFFIXING THE BOOKLETS TO THE BASE MATERIAL:

FIXATION WITH COLD-SETTING GLUE:

Our optional cold-set adhesive system can be used to place spots or beads of glue on the base material at precisely defined points. This system is particularly well suited for booklets and label substrates made of paper.