

PLUS-330/420 VALUE ADDING EMBELLISHMENT



The PLUS-330/420 are modular in design, so you can choose the modules you need, in the sequence you need. Each module has independent frame and electronics. Also tension and frame length and the register are independently and controlled for each module. If your market suddenly changes, you can update your machine. Add new modules, or change the sequence of modules. Even after installation it is even possible to split the machine, or move one module to another PLUS-330/420 machine. Optimal flexibility to meet current and future demands from you customers with superior print quality.



SEMI/FULL ROTARY DIE CUTTING

Semi/full rotary die-cutting unit with a Z204 magnetic cylinder, Z106 anvil and counter pressure roller. Very easy to re-use die-plates designed for full rotary small cylinders. Optionally add an adjustable anvil, pressure dials or through-cutting to output shingles on a conveyor belt.



LAMINATION IN REGISTER

Laminate pre-printed web onto the main (pre-printed) web in perfect register. Separate tension control of both layers to be laminated and control over the lamination angle allow for a wide range of media to be laminated with precision and perfect tension.



SEMI/FULL ROTARY FLEXO

Easy to use with the standard "flower" system. In register printing or varnishing. Standard with a Z204 print cylinder and a varnish cylinder. A Chill-drum, UV curing and / or IR/hotair, cold-foil can all be fitted onto the same module.

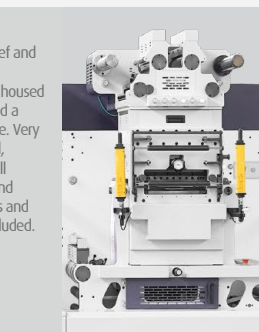
EMBOSSING

40T (optionally 60T) heavy duty embossing unit suitable for the heaviest blind embossing jobs. Can be combined with special NIP rollers with rollers that can be positioned between the embossing spots to keep depth and perception. Also suitable for flatbed die-cutting.



FLATBED SILKSCREEN

For challenging silkscreen inks and jobs. An automatic suction box ensures precision and stability of the media. Servo controlled blades provide stable positioning and pressure over long runs. Movable UV curing system. Frame height, frame angle, doctor blade angle are easy to set.



SILK FOIL

Warm lamination after the silkscreen enables beautiful silk-foil applications. Digitally controlled temperature, adjustable foil angle, separate control over foil and media tensions allow.



GLUE SIDE PRINTING

Semi/full rotary printing on the glue-side. Re-lamination, with control over the lamination angle. Integrated turn-bar and optionally add extra drives to enable usage of sensitive stretchable face-materials.



HEAVY DUTY HOTFOIL

Enough power for high quality hotfoil, relief and micro embossing all in one step using 300x330/420mm tooling. This module is housed in a frame with 85mm thick solid steel and a solid 40T (optionally 60T) of servo pressure. Very stable with electronic temperature control, separate speed and dwell time control, full separation of daily pressure adjustment and periodic leveling. Suitable for foiling across and along the web with foil saving always included. Standard suitable for upto 6 lanes of foil. Upgrade to achieve a maximum of 6 independently positioned hologram reels.

HIGH SPEED SILKSCREEN

40 m/min flatbed silkscreen unit. The media moves full rotary. Servo controlled blades for stable pressure over long runs. Frame height, frame angle, doctor blade angle are easy to set. Optionally add a chilldrum, coldfoil for a wider range of applications.

