Rotary die-cutter BSR 550 Servo

for processing single sheets or thin folded products

Cutting, kiss-cutting, creasing, perforating and embossing - let your imagination run wild…

▶ Innovative die-cut system for the creative subsequent finishing of printed material from the job printing, pharmaceutical, packaging, label and digital print sectors.

▶ For the production of mailings, advertising supplements, booklet labels, folders, greeting cards, folded boxes and labels in one-up or multiple-up mode.

▶ Compatibility with cross cutters, digital printing machines, folding machines, delivery systems, mailing systems and packaging machines makes this a general purpose system.

▶ Simple tool technology, short setup times and high-precision fitting accuracy are synonymous with cost-optimised production.

▶ Automatic discharging of section grids and simultaneous separation of inner cuts increases efficiency and guarantees neat delivery of the blanks or their direct subsequent finishing in machines interfaced downstream.

BSR 550 Servo
with flat pile feeder

Technica details

Capacity	max. 12'000 cycles/h, 541 ft/min (depending on format and quality)	Stripping station	stripping elements with integrated rollers and air blast (partially timed)
Feeder	Flat pile feeder F550 with Tornado modules	Mobility	mobile on wheels
Feed	vacuum belt and ball rail, length 59"	Space requirement	approx. L 161 27/64", W 59"
Sheet positioning	2 pairs of postition rollers	Weight	approx. 4850 lb
Product rejection	for sheets which are out of the register tolerance	Air consumption	6 bar required by customer, ISO 8573-1:2010 7/4/4
Upper + lower tool admission	magnetic cylinder for flexible dies	Display	touch screen
Punch cylinder circunference	32"	Drive	servo motors
Clearance	3/64" - with counter plate 1/24"	Power supply	3 x 400 VAC / N / PE 50/60Hz / 32A (CEE)
Exit hight	37"	Fuse	32A
Working width	max. 21 5/8"	Control voltage	24VDC
Sheet size	min. 11 11/16" x 8 1/4", max. 21 5/8" x 29 1/2"	Electrical capacity	16 kW
Product thickness	min. approx. 80 g/m², max. approx. 19 points		

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to find some interesting movies to various BSR applications

Standard configuration BSR 550 Servo with flat pile feeder, UEB 550 B and SAB 550

UEB 550 B transfer unit

▸ Mobile transfer unit for inline operation with the BSR 550 Servo rotary die-cutter.
For the perfect gripping of die cut products. Fitted with clocked air nozzles for the separation of inner cuts.

SAB 550 stream delivery

▸ Delivery for multiple-up productions. Formats from A3 to 30 x 30 mm (minimum) can be delivered in streams.

Option

▸ Pre-loading carts for time-saving filling of the flat pile feeder.

Optional feeding systems

BSR 550 Servo with pallet feeder

▸ Efficient filling during large runs with pre-loaded pallets of up to 1'100mm height.

BSR 550 Servo with register table

▸ This machine configuration is the most flexible variant.

▸ It can not only be combined with downstream but also with upstream equipment, such as cross cutters, digital printing machines and folding machines.

BSR 550 Servo, flexible in applicationg

Production line consisting of upstream continuous feeder, BSR 550 Servo, UEB 550 B and downstream buckle plate folder.

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Examples of applications with upstream units

BSR 550 Servo with mobile flat pile feeder

BSR 550 Servo with continuous feeder

BSR 550 Servo with MBO unwinder and rotary cross cutter

BSR 550 Servo with Tecnau unwinder/cross cutter

Examples of applications with downstream units

Packaging-Line „Stamina", consisting of BSR 550 Servo with pallet feeder and Herzog + Heymann folding carton line.

BSR 550 Servo combined with subsequent folding unit

BSR 550 Servo combined with PST 750 pile stacker

BSR 550 Servo in combination with „RoboStack"; Automated sorting and packaging solution for filling trays, banding or placing on a belt.