



## BSR 550 Servo Rotary die-cutter 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.

Products are fed individually to the punching area via register table and rotary punched by using a flexible die. The sheet alignment on the side is performed with a register table with ball rail.

The position accuracy in the direction of production is realised with a positioner roller system that causes the sheets to pass the punching cylinder with high precision without stopping.

Automatic deflection of waste matrix and simultaneous separation of inner cuts increase production in addition.

The format range of the BSR 550 Servo is from 550 x 750 mm to 210 x 210 mm. Sheets having a product thickness between 0.5 mm and 80 g/m<sup>2</sup> can be processed. The maximum capacity of the machine is 12,000 sheets/h.



## Technical details

<b>Capacity</b>	max. 12'000 sheets/h, 165 m/min (depending on format and quality)
<b>Feed</b>	vacuum belt and ball rail, length 1'500 mm
<b>Sheet positioning</b>	2 pairs of position roller
<b>Product rejection</b>	for sheets which are out of the register tolerance
<b>Upper/lower tool admission</b>	magnetic cylinder for flexible dies
<b>Punch cylinder circumference</b>	813 mm / 32"
<b>Clearance</b>	1,2 mm / with counter plate 1,0 mm
<b>Exit height</b>	940 mm
<b>Working width</b>	max. 550 mm
<b>Sheet size</b>	min. 297 x 210 mm, max. 550 x 750 mm
<b>Die-cutting size</b>	min. 55 x 65 mm, max. 530 x 730 mm
<b>Product thickness</b>	min. approx. 80 g/m <sup>2</sup> , max. approx. 0,5 mm
<b>Stripping station</b>	stripping elements with integrated rollers and air blast (partially timed)
<b>Transportable with</b>	rollers
<b>Space requirement</b>	approx. 3'700 mm x 1'700 mm (L x B)
<b>Weight</b>	approx. 3'000 kg
<b>Compressed air</b>	6 bar (provided on site)
<b>Display</b>	touch screen
<b>Drive</b>	servo motors
<b>Power supply</b>	3 x 400 VAC / N / PE 50/60Hz / 32A (CEE)
<b>Control voltage</b>	24 Volt DC
<b>Electrical capacity</b>	16 kW



## Accessory

### ULT 550

Mobile transfer table for inline configuration of BSR 550 Servo with machines interfaced upstream such as cross cutters and digital printing machines.

[Details to ULT 550](#)

