



## BSR 550 Servo Rotary die-cutter with pallet feeder



In this configuration variant, products are fed to the punching area individually from the pallet feeder and rotary punched by using a flexible die.

The maximum stack height of the feeder is 100 cm. 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.

Inline configuration of the die-cutting machine with machines interfaced downstream such as folding machines, mailing systems and packaging machines is the most efficient way of carrying out multiple high-performance steps in one operation.

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>Production rate</b>	max. 12'000 sheets/h, 165 m/min (depending on format and quality)
<b>Pallet feeder PA 550</b>	stack height max. 1'000 mm
<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>	1'100 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>Sheet execution</b>	vacuum belt and roller strips
<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. 5'100 mm x 1'700 mm (L x B)
<b>Weight</b>	approx. 3'640 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