



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/m2 can be processed. The maximum capacity of the machine is 12,000 sheets/h.





Technical details

Capacity max. 12'000 sheets/h, 165 m/min (depending on format and quality)

Feed vacuum belt and ball rail, length 1'500 mm

Sheet positioning 2 pairs of postion roller

Product rejection for sheets which are out of the register tolerance

Upper/lower tool admission magnetic cylinder for flexible dies

Punch cylinder circunference 813 mm / 32"

Clearance 1,2 mm / with counter plate 1,0 mm

Exit hight 940 mm

Working width max. 550 mm

Sheet size min. 297 x 210 mm, max. 550 x 750 mm

Die-cutting size min. 55 x 65 mm, max. 530 x 730 mm

Product thickness min. approx. 80 g/m², max. approx. 0,5 mm

Stripping station stripping elements with integrated rollers and air blast (partially timed)

Transportable with rollers

Space requirement approx. 3'700 mm x 1'700 mm (L x B)

Weight approx. 3'000 kg

Compressed air 6 bar (provided on site)

Drive touch screen servo motors

Power supply 3 x 400 VAC / N / PE 50/60Hz / 32A (CEE)

Control voltage 24 Volt DC

Electrical capacity 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

