

Automated Card Deck Production System

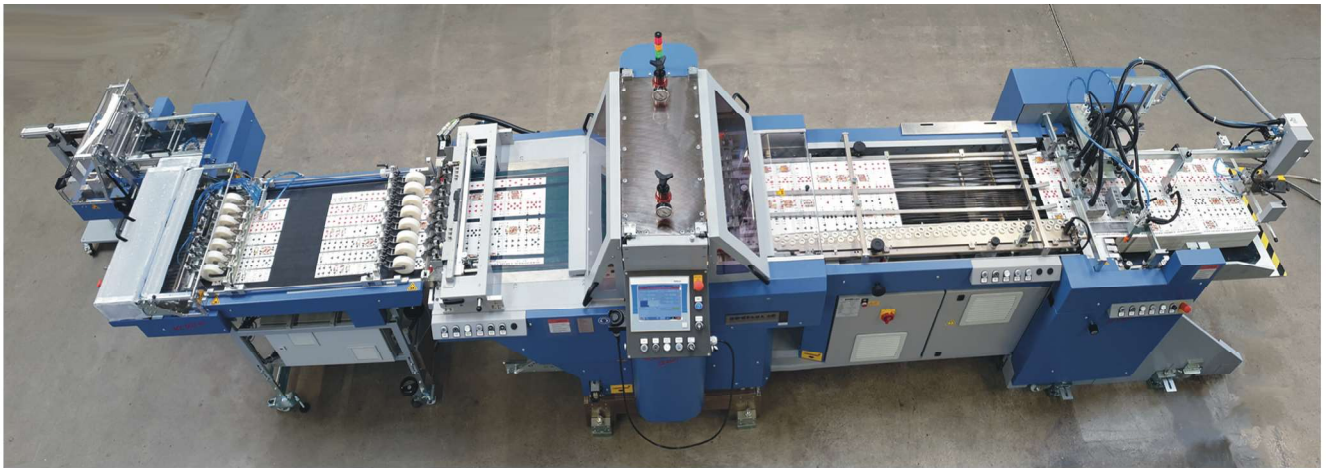
Automated die-cutting, collating and stacking for complete decks of cards

Modular system for inline die-cutting, collating and stacking of playing cards, gaming cards, trading cards and sports cards.

The flexible and advanced die-cutting technology allows simultaneous die-cutting, kiss-cutting, creasing and perforating all on the same flexible die plate.

Cards are die-cut nick-free, stripped out inline, shingled and fed to the ACC 550 HS Automated Card Collator and Stacker via a conveyor belt. The ACC 550 HS stacks each row into a complete deck and feeds it to a downstream packaging system that may include overwrappers, banding machines, packaging machines or packing table conveyors.

The system is versatile. For example, by changing the delivery unit to a shingle stream delivery like the SAB 550, the system can also produce folding cartons, box covers or carton labels.



Applications:

- Die-cutting, kiss-cutting, creasing and perforating of playing cards, gaming cards, trading and sports cards

Components of the system:

- PA 550 Pallet feeder
- BSR 550 Servo with Breakout unit
- ACC 550 HS Automated Card Collator and Stacker with interface to downstream units

Formats:

Sheet format max. 550 x 750 mm (21.6" x 29.5")

Sheet format min. 210 x 297 mm (8.2" x 11.7")

Card format max. 105 x 148 mm (4.13" x 5.82")

Card format min. 42 x 57 mm (1.65" x 2.24")

Round cards max. Ø 100 mm (3.94")

Round cards min. Ø 60 mm (2.36")

Stack height max. 40 mm (1.57")

Benefits:

- Modular system, from pallet feeder to Card Collator and Stacker
- Simultaneous die-cutting, kiss-cutting, creasing and perforating using a single tool
- High quality, nick-free, clean-cut edges
- Upper and lower magnetic cylinder, also for male and female dies
- Automated process reduces labor to a single person
- Fast make-ready in under 1 hour
- High productivity rate; up to 2000 decks per hour
- Capable of integrating in-line with other downstream systems

BOGRAMA's core competence is die-cutting

