

StarFoil Hot stamping cylinder presses

Pro Line SBD / Pro Line SBB / Value Line SBB / Pro Line Johannisberg
with professional hot stamping foil conversion

The hot foil stamping machine in round-flat-technology ensures high stamping quality, reduced set up time, easy access to the height-adjustable honeycomb bed and has the ability to lay down a medium to large solid area of foil.



- Sheet size from 570 x 820 mm up to 730 x 1040 mm
- Speed up to 4.000 impressions/hour
- Up to 4 foil pulls
- Cast iron bed with honeycomb die clamping system
- High precision foil pull to minimize foil waste
- Variable acceleration and deceleration to suit all layouts
- Suitable for 6.35 and 7.0 mm dies

Machine options

Preloader

Hologram registration unit

Adjustable bed

Electronic front- and sidelay

Foil run out warning

Accel/decel of foil pulls

StarFoil
TECHNOLOGY

We handle pressure!



SBD hot-stamping cylinder press



Adjustable bed



Operator's touch screen



Value Line drop-in plate



Preloader



Hologram registration unit

| Print specification | Value Line SBB | Pro Line SBB | Pro Line SBD | Pro Line Johannisberg |
|-------------------------------|------------------|----------------------------------|----------------------------------|----------------------------------|
| Speed | 3000 sheets/hour | 4000 sheets/hour | 4000 sheets/hour | 2500 sheets/hour |
| Max. sheet size | 570 x 820 mm | 570 x 820 mm | 640 x 900 mm | 730 x 1040 mm |
| Min. sheet size | 210 x 280 mm | 210 x 280 mm | 290 x 400 mm | 290 x 400 mm |
| Foiling area | 570 x 800 mm | 570 x 800 mm | 640 x 876 mm | 720 x 1030 mm |
| Grip Distance | 5 mm | 5 mm | 5 mm | 8-12 mm |
| Max. sheet thickness | 0.6 mm | 0.6 mm | 0.6 mm | 1.0 mm |
| Foil specification | | | | |
| Max. foil diameter | 90 mm | 125 mm | 125 mm | 110 mm |
| Number of foil units | 2 | 2 standard; 3 - 4 optional | 2 standard; 3 - 4 optional | 2 standard; 3 - 4 optional |
| Number of lengths per program | 3 | 3; more optional | 3; more optional | 3; more optional |
| Number of pulls per length | 99 | 99 | 99 | 99 |
| Foil bar | 1 | 1 | 1 | 2 |
| Pull resolution | 0.1 mm | 0.1 mm | 0.1 mm | 0.1 mm |
| Hologram registration system | not available | up to 4 with stepping facilities | up to 4 with stepping facilities | up to 4 with stepping facilities |
| Bed specification | | | | |
| Heated zones | 4 | 4 | 4 | 6 |
| Adjustable zones (optional) | - | 4 | 4 | 6 |
| Sensors per zone | 1 | 1 | 1 | 1 |
| Max. adjustment | - | 1 mm | 1 mm | 1 mm |
| Max. temperature | 220°C | 220°C | 220°C | 220°C |
| Die height | 6.35 mm or 7 mm | 6.35 mm or 7 mm | 6.35 mm or 7 mm | 6.35 mm or 7 mm |