

Servo Roll Feeder BMM 080-340 S

Strip cross-section up to 400mm²



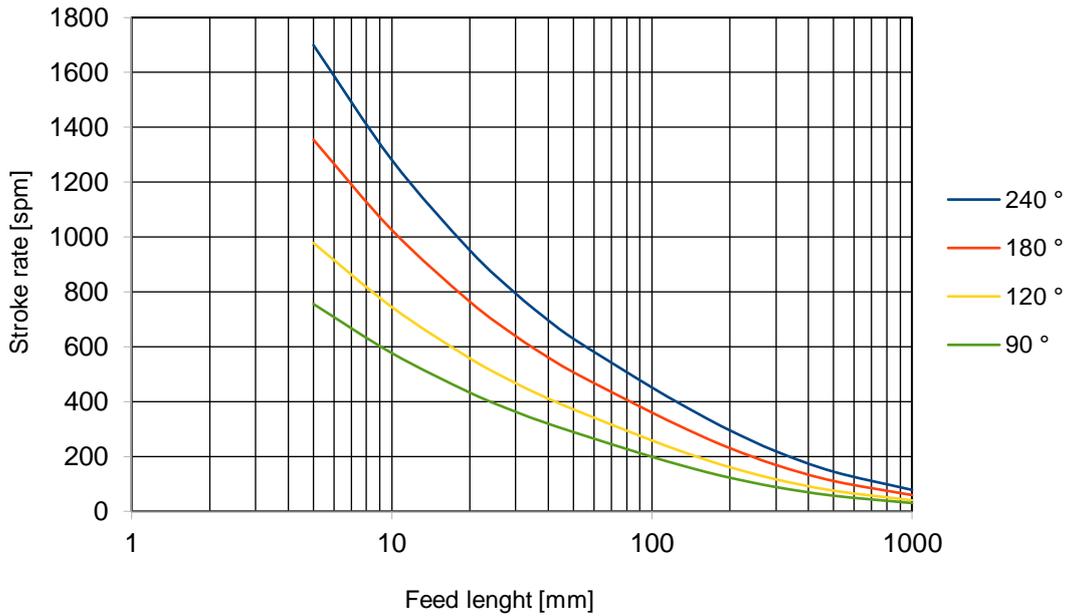
Key Benefits:

- Both rollers, lower and upper are driven
- Servo motor is coupled with lower roller via tooth belt and pulley
- Play free direct coupling between the hardened and grounded rollers
- Blazing fast pneumatic pilot release
- Pilot release opening and closing distances can be adjusted upwards and downwards
- Applied contact pressure to strip material is adjustable
- Motor brake system prevents strip material from back-moving in emergency stop situation
- Strip end sensor is incorporated in adjustable inlet roller guide
- Strip material can be transport in push or pull mode
- Compact and user-friendly design
- Easy integration and installation to any press system
- Control unit is available as cabinet installation cassette or as standalone table-top housing
- The standard control unit is equipped with a 24-V I/O unit with 18 inputs/11 outputs
Integrated safety impulse lock (IPS1) according PLe/SIL3 standards
Data management on FLASH memory, stores up to 200 user programs.
Data backup on SD card

Options:

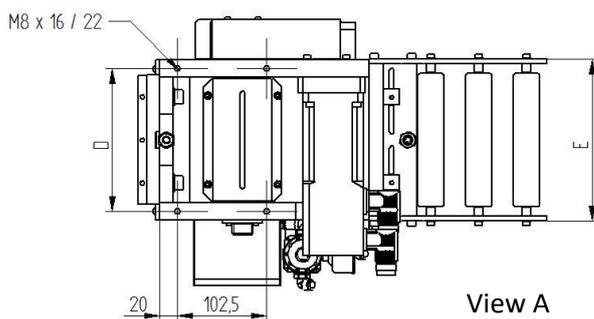
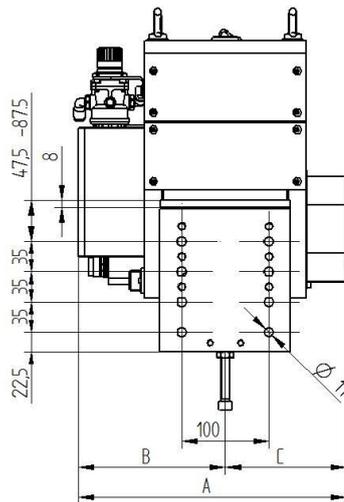
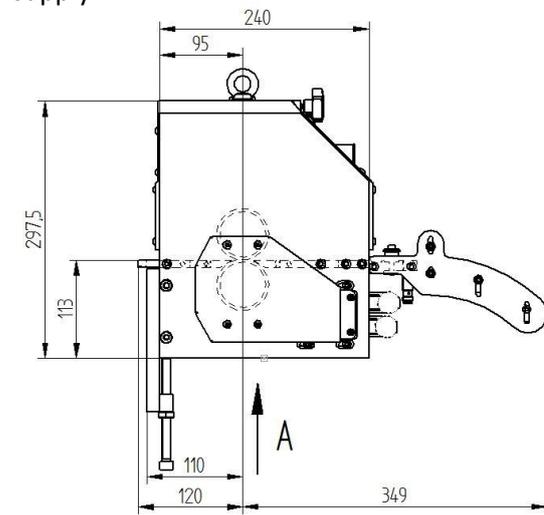
- Field bus connection for PROFIBUS, PROFINET, Ether-CAT, Ethernet or VARAN
- RS232 interface for feed data transmission with ASCII protocol
- Full synchronous mode between feeder and press
- Electronic cam shaft with 16 paths, eight of them dynamic
- Service software (J-CAM) for device analysis plus PLC programming and data backup
- Hardalloy coated rollers, mark reader, and much more
- Customised solution according to end-user specifications

Stroke number diagram without pilot release. Strip weight 1kg



Technical data

Strip width	max. 80-340mm
Roller diameter	60mm
Roller opening	max. 9mm
Accuracy	+/- 0.02mm
Motor power	970W
Continuous tensile force	370N
Speed max.	125m/min
Power supply	230Vac



Typ	Width	A	B	C	D	E
BMM 080 S	80	273	164	225	105	127
BMM 140 S	140	308	169	199	165	187
BMM 240 S	240	408	219	189	265	287
BMM 340 S	340	508	269	239	365	387