

Servo Roll Feeder BMF 520-1020 T

Strip cross-section up to 500mm²



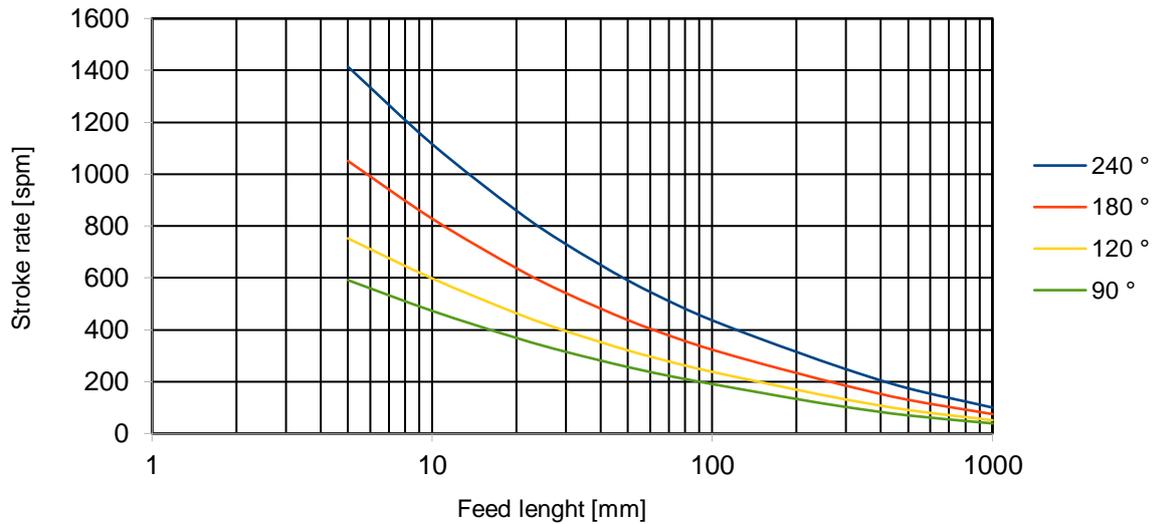
Key Benefits:

- Both rollers, lower and upper are driven
- Highly dynamic torque motor is coupled directly with lower roller to achieve maximum accuracy
- Play free direct coupling between the rubber coated precision rollers
- Blazing fast pneumatic pilot release
- Pilot release right and left opening and closing distances can be adjusted upwards and downwards
- Applied contact pressure to strip material can be adjusted on the left and right side of the rollers
- Motor brake system prevents strip material from back-moving in emergency stop situation
- Strip end sensor is incorporated in inlet sheet
- 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:

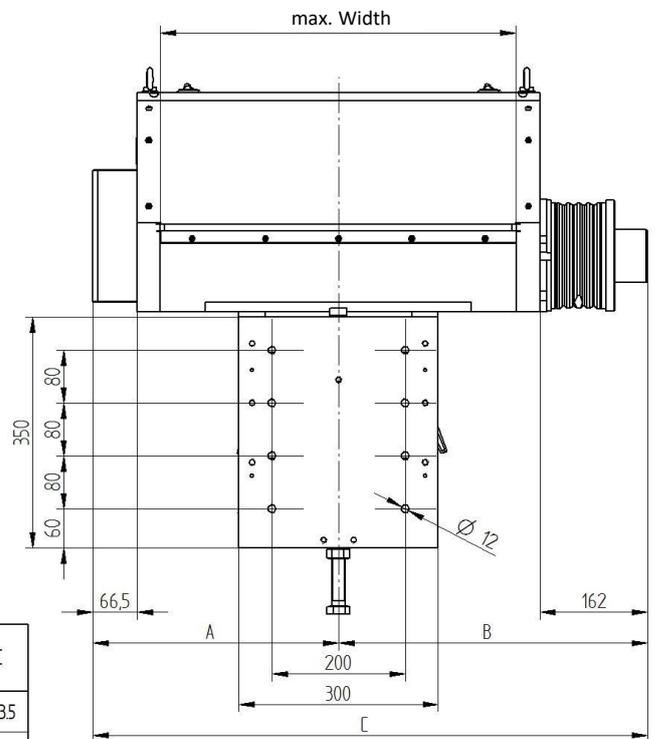
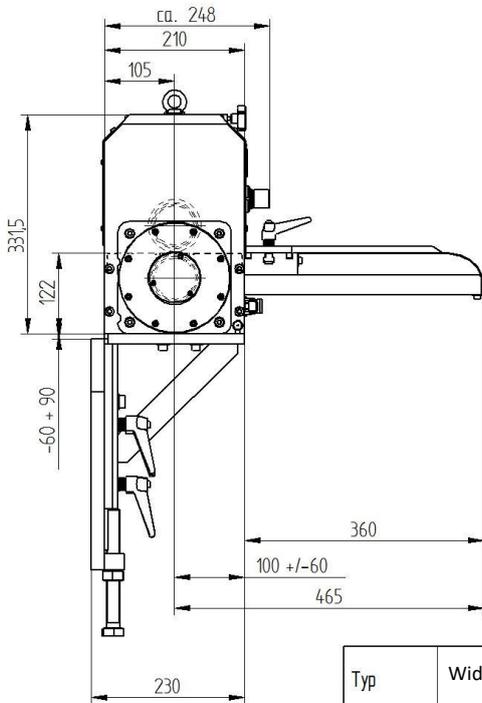
- Field bus connection for PROFIBUS, PROFINET, Ether-CAT, Ethernet or VARAN
- RS232 interface for feed data transmission with ASCII protocol
- Full synchronous mode between feeder and press
- Electronic cam shaft with 16 paths, eight of them dynamic
- Service software (J-CAM) for device analysis plus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

Stroke number diagram without pilot release. Strip weight 1.0 kg



Technical data

Strip width	max. 520-1020mm
Roller diameter	80mm
Roller opening	max. 9mm
Accuracy	+/- 0.05mm
Motor power	1510W
Continuous tensile force	<310N
Speed max.	175m/min
Power supply	3x400V / 50Hz / 15A



Typ	Width	A	B	C
BMF 520 T	520	369	464.5	833.5
BMF 620 T	620	419	514.5	933.5
BMF 820 T	820	519	614.5	1133.5
BMF 1020 T	1020	619	714.5	1333.5