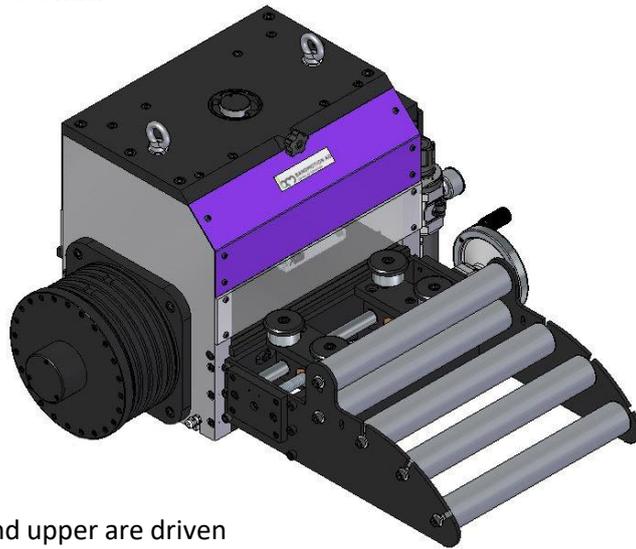


## Servo Roll Feeder BMG 250-450 T

Strip cross-section up to 800mm<sup>2</sup>



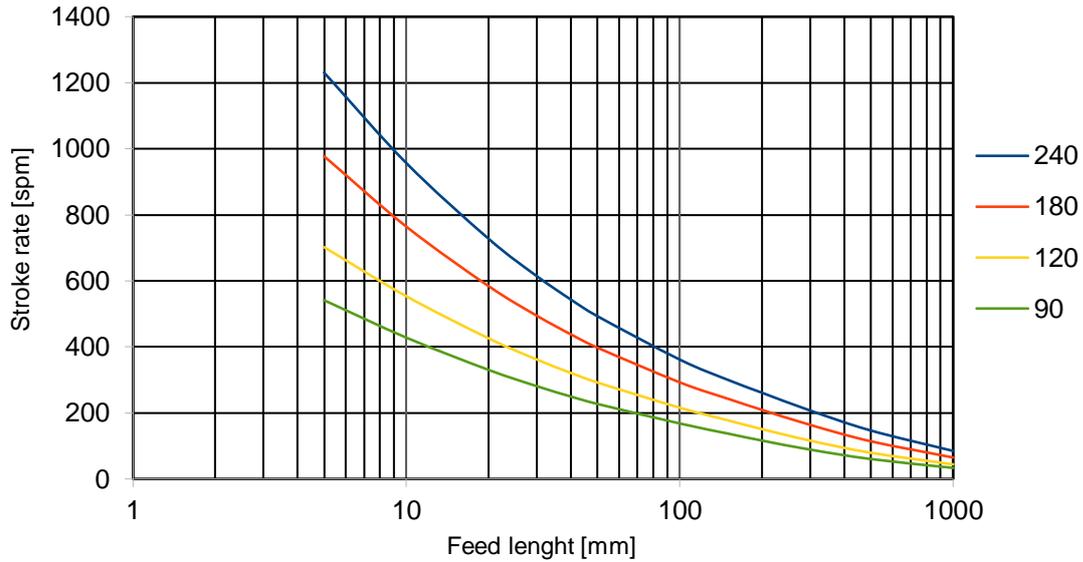
### Key Benefits:

- 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 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:

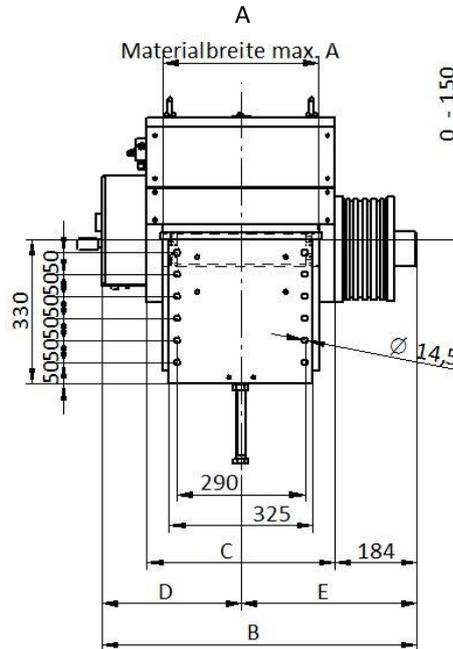
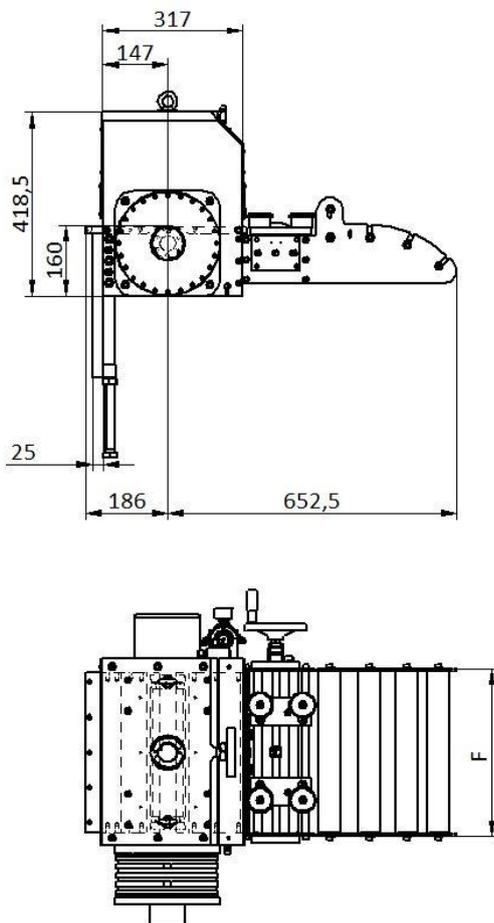
- Field bus connection for PROFIBUS, PROFINET, Ether-CAT, Ethernet or VARAN
- RS232 interface for feed data transmission with ASCII protocol
- Full synchronous mode between feeder and press
- Electronic cam shaft with 16 paths, eight of them dynamic
- Service software (J-CAM) for device analysis plus 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 10 kg**



**Technical data**

Strip width	max. 250-450mm
Roller diameter	80mm
Roller opening	max. 9mm
Accuracy	+/- 0.02mm
Motor power	4400W
Continuous tensile force	<1300N
Speed max.	150m/min
Power supply	3x400V / 50Hz



Typ	A	B	C	D	E	F
BMG 250 T	252	611.5	325	265	346.5	282
BMG 350 T	352	711.5	425	315	396.5	382
BMG 450 T	452	811.5	525	365	446.5	482