# Roller feeder BMF 220-520 S
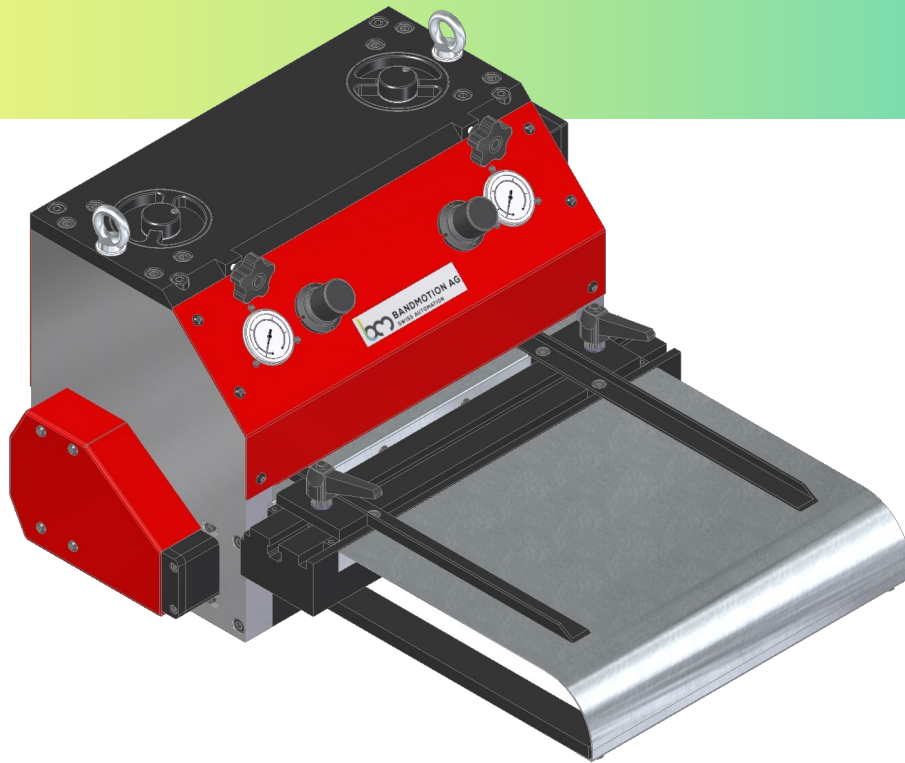
## Highlights at one glance

⇒ Compact system can be used pushing or pulling

⇒ Easy attachment to any downstream machine

⇒ Lower and upper roller driven without play, PU coating with 90 Shore

⇒ Fast pneumatic pilot release

⇒ Roller lifting can be adjusted individually at the top and bottom

⇒ Adjustable roller pressure

⇒ Inlet metal sheet with strip guides

⇒ Highly dynamic CNC drive with servo motor

⇒ CNC control as standard with built-in cassette or optionally as table-top housing

⇒ Linking the downstream machine to a 24V I/O unit with 18 inputs and 11 outputs

⇒ Integrated safety with pulse lock or monitoring unit IS1 up to PLe/SIL3

⇒ Stroke rate dependent programming, multiple feeds, threading function
Options:

⇒ Optional RS232 interface for feed data transmission with ASCII protocol

⇒ Optional various fieldbus connections

⇒ Optional service software for device analysis, PLC programming and data backup

⇒ Optional synchronous mode with slave machine

⇒ Further options such as measuring wheel, mark reader, cam controller, etc.

⇒ Special designs according to your specifications are possible at any time on request

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Tecnical data

Strip width	max. 220-520mm
Roller ø	60mm
Roller opening	max. 5mm
Precision	+/- 0.05mm
Continuous tensile force	370 N
Speed max.	125m/min
Power supply	230Vac

Stroke rate diagram without pilot release with belt weight 1kg
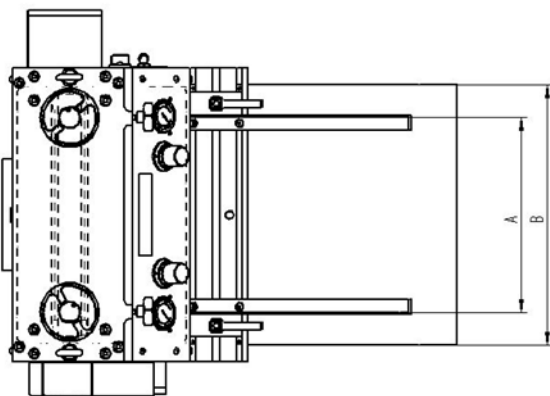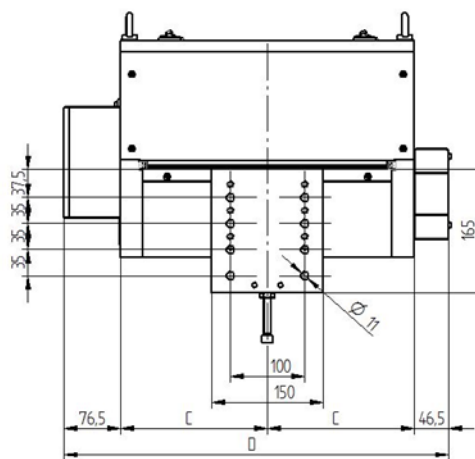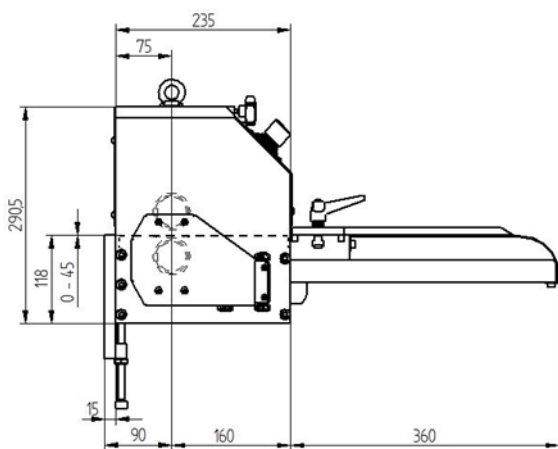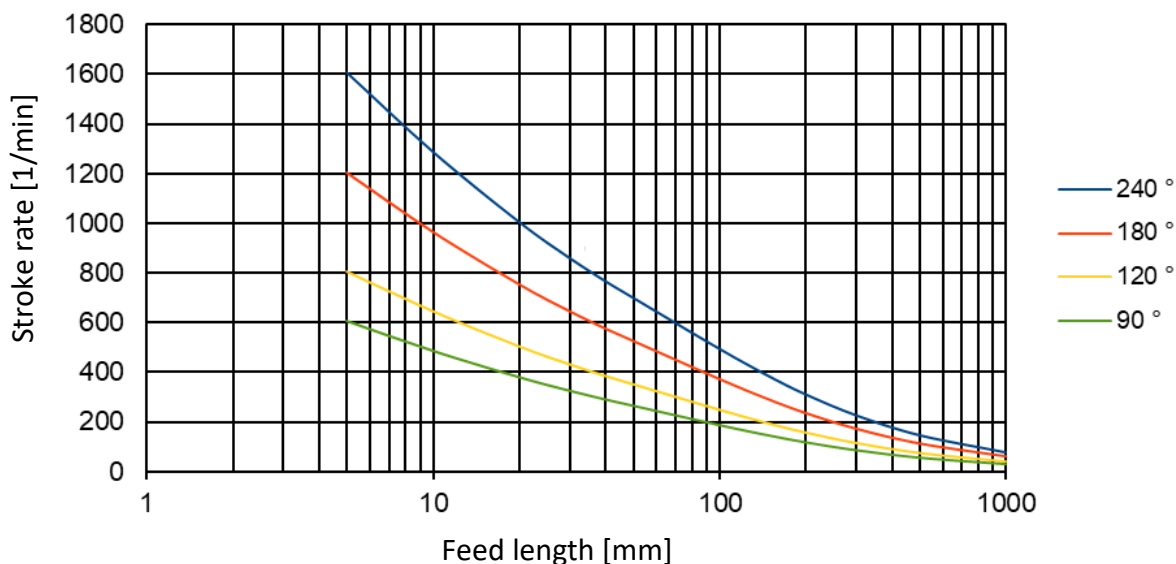
Typ	A	B	C	D
BMF 220 S	220	250	147.5	418
BMF 320 S	320	350	197.5	518
BMF 420 S	420	450	247.5	618
BMF 520 S	520	550	297.5	718

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