

Electronic Roll Feeder

EV 220-520 AG

(the big one)

1000 mm² strip cross-section

- Compact design
- Can be retrofitted to any press
- Service friendly
- Highly dynamic AC servomotor
- Roller driven by low backlash drive
- Driven top roller
- Hardened and ground precision rollers
- Rapid pneumatic pilot release
- Adjustable press-on force by the top roller
- Adjustable release path
- Feed-in roller cage with strip guidance
- Machine can be used to push or pull
- Sensor for strip guidance monitoring

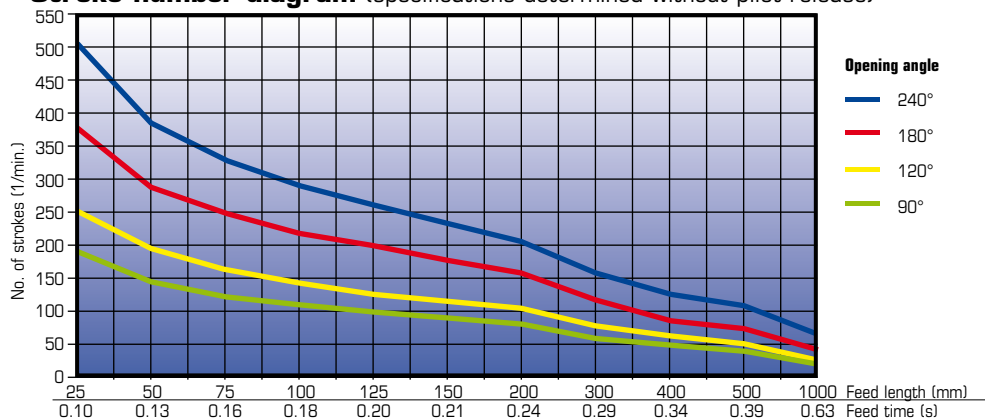


Options

- Rollers with special coating
- Segment rollers
- Roller profile grinding
- Manual or motorized mounting bracket adjustment
- Pneumatically actuated measuring wheel
- Dual system (push and pull)
- Colour marking button

Model	Strip width	Roller opening	Rollers	Feed length	Precision	Speed	Tractive force
EV 220 AG	220 mm	max. 8 mm	Ø 80 mm	0,1-19'999 mm	+/- 0,1 mm	max. 100 m/min	1,2 kN
EV 320 AG	320 mm						
EV 420 AG	420 mm						
EV 520 AG	520 mm						

Stroke number diagram (specifications determined without pilot release)



Technical modifications subject to change. Performance data depends on material.

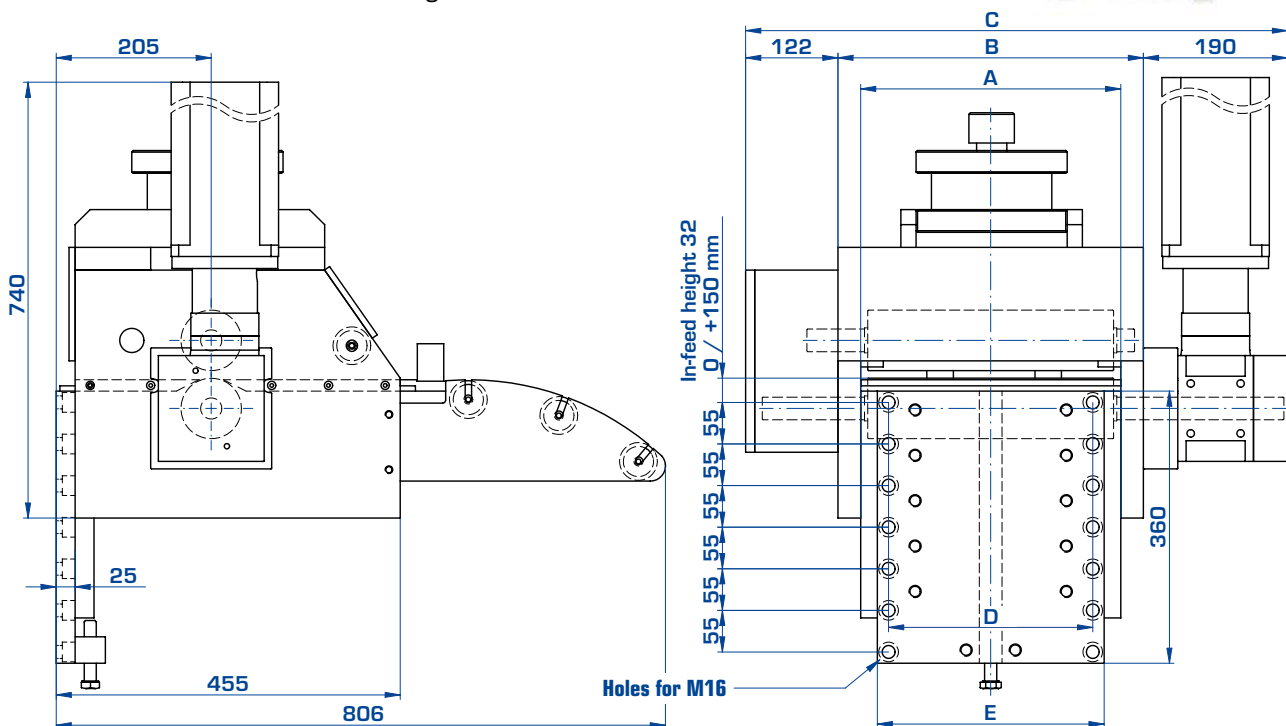
Compact CNC control system for roll feeders

- Easy coupling and retrofitting on any press
- Same operation for all types of feed
- Extremely easy to program and operate
- Operator panel with LCD display and hotkeys
- Profile speed adjustment based on selected number of strokes
- Up to 99 user programs can be stored in the control system
- Piece, partial quantity and auxiliary counters can be freely programmed
- Multiple sections can be programmed
- End of strip monitoring
- IPS1 pulse inhibitor for safe stop up to Safety Category 4, e.g. manual feed work



Options

- Electronic cam shaft with 16 cams (8 dynamic)
- Data linking to superordinate computer via RS-232, Profibus or Ethernet
- PC software for external data maintenance and backup
- Tool protection
- Optoelectronic sensors for finding marks with software
- IS1 monitoring unit permits safe setup and manual movement when the safety doors are open, up to Safety Category 4
- Enable button for IS1 monitoring unit



Model	A	B	C	D	E
EV 220 AG	244	304	616	220	250
EV 320 AG	344	404	716	270	300
EV 420 AG	444	504	816	270	300
EV 520 AG	544	604	916	270	300

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