ZEHNDER&SOMMER
Precision Feed Systems

Electronic Clamp Feeder
EZL 100 – 080
100 mm² strip cross-section

- Compact design
- Can be retrofitted to any press
- Service friendly
- Highly dynamic drive with linear motor
- Rapid pneumatic pilot release
- Press-on force of the clamp is adjustable
- Machine can be used to push or pull

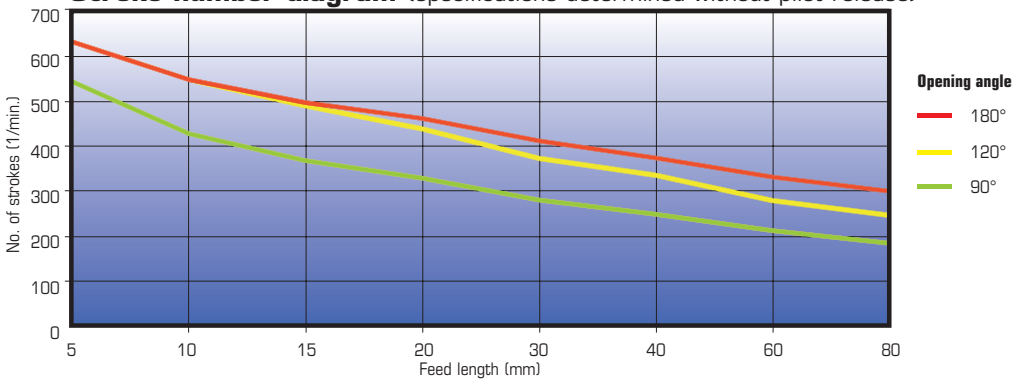
Options
- Shaped clamping jaws
- Dual system (push and pull)
- Mounting bracket



Technical data

Modell	Strip width	Jaw opening	Feed length	Feed precision	Clamping force	Tract. force
EZL 100-080	max. 100 mm	max. 1,0 mm	max. 80 mm	+/- 0,01 mm	(6 bar) 600 N	113 N

Stroke number diagram (specifications determined without pilot release)



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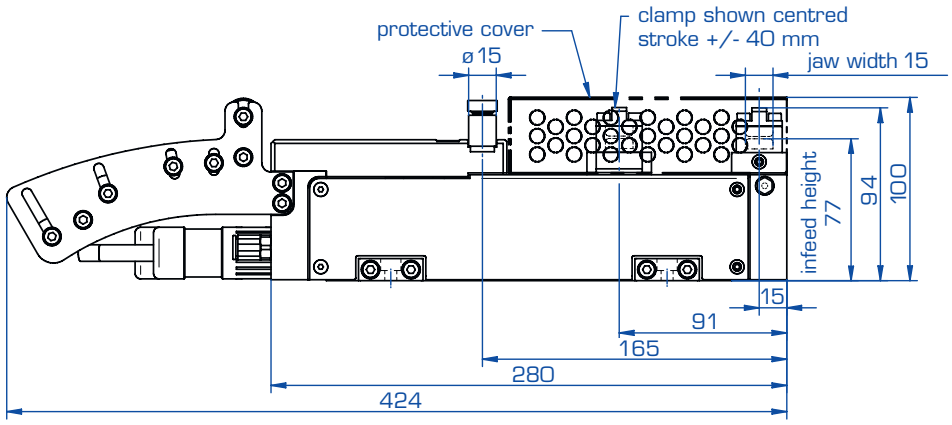
Compact CNC control system for clamp feeders

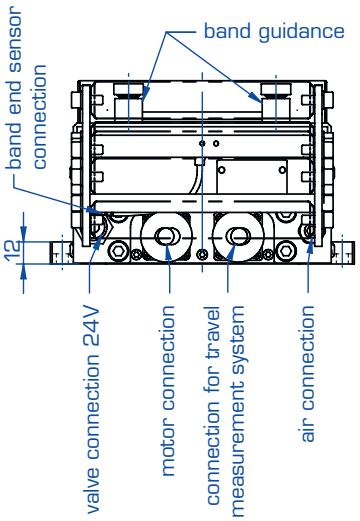
– Easy coupling and retrofitting on any press
– Same operation for all types of feed
– Extremely easy to program and operate
– Profile speed adjustment based on selected number of strokes
– Up to 99 user programs can be stored in the control system
– Piece, partial quantity and auxiliary counters can 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
– Intuitive control via HMI

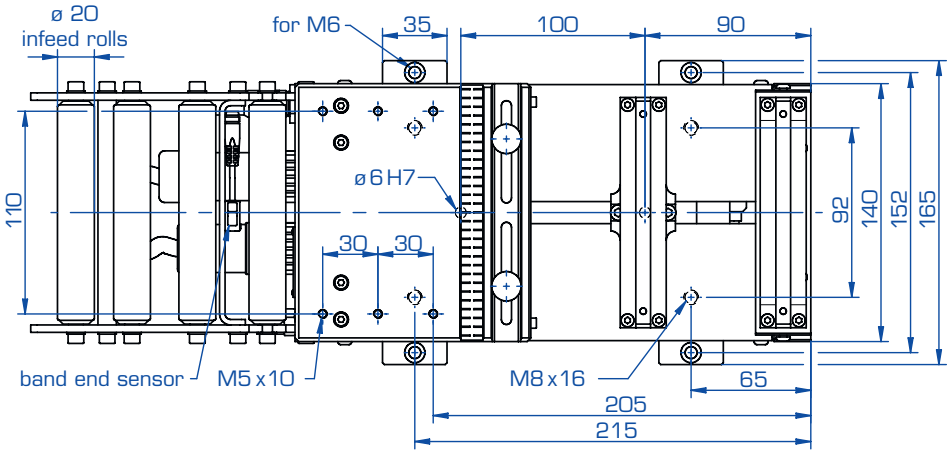


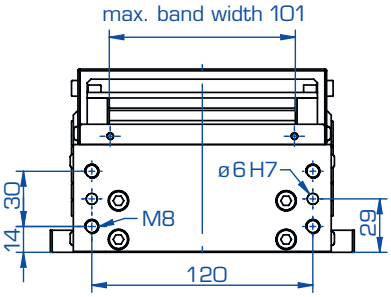
Options

– Synchronous mode with integrated electronic cams
– Electronic cam shaft with 16 cams (8 dynamic)
– Fieldbus connection (ProfiNet, EtherCAT, Ethernet, Profibus)
– 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









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

10.2016 EN – EZL 100 - 080

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