

# Electronic Roll Feeder

## EV 420 – 620 ASG (giga)

### 2600 mm<sup>2</sup> 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
- Strip guidance centrally adjustable
- Machine can be used to push or pull
- Sensor for strip guidance monitoring



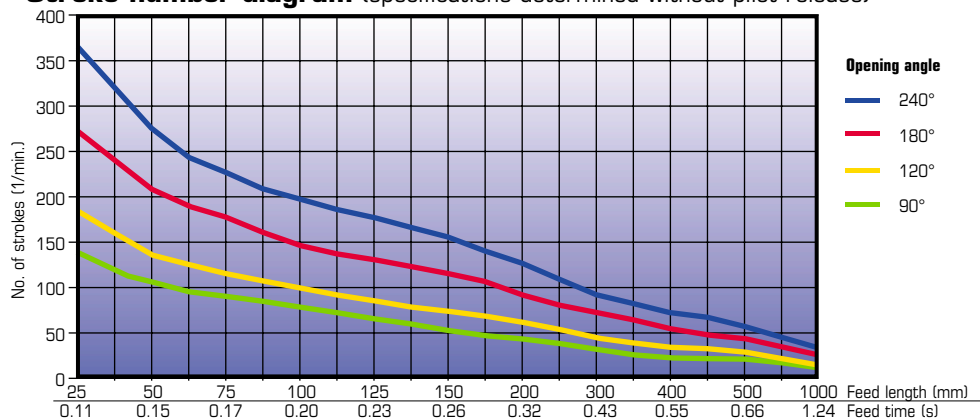
#### Options

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

#### Technical data

| Model      | Strip width | Roller opening | Rollers  | Feed length   | Precision  | Speed          | Tractive force |
|------------|-------------|----------------|----------|---------------|------------|----------------|----------------|
| EV 420 ASG | 420 mm      | max. 25 mm     | Ø 120 mm | 0,1–19'999 mm | +/- 0,1 mm | max. 60 m/min. | 5,2 kN         |
| EV 520 ASG | 520 mm      |                |          |               |            |                |                |
| EV 620 ASG | 620 mm      |                |          |               |            |                |                |

**Stroke number diagram** (specifications determined without pilot release)



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

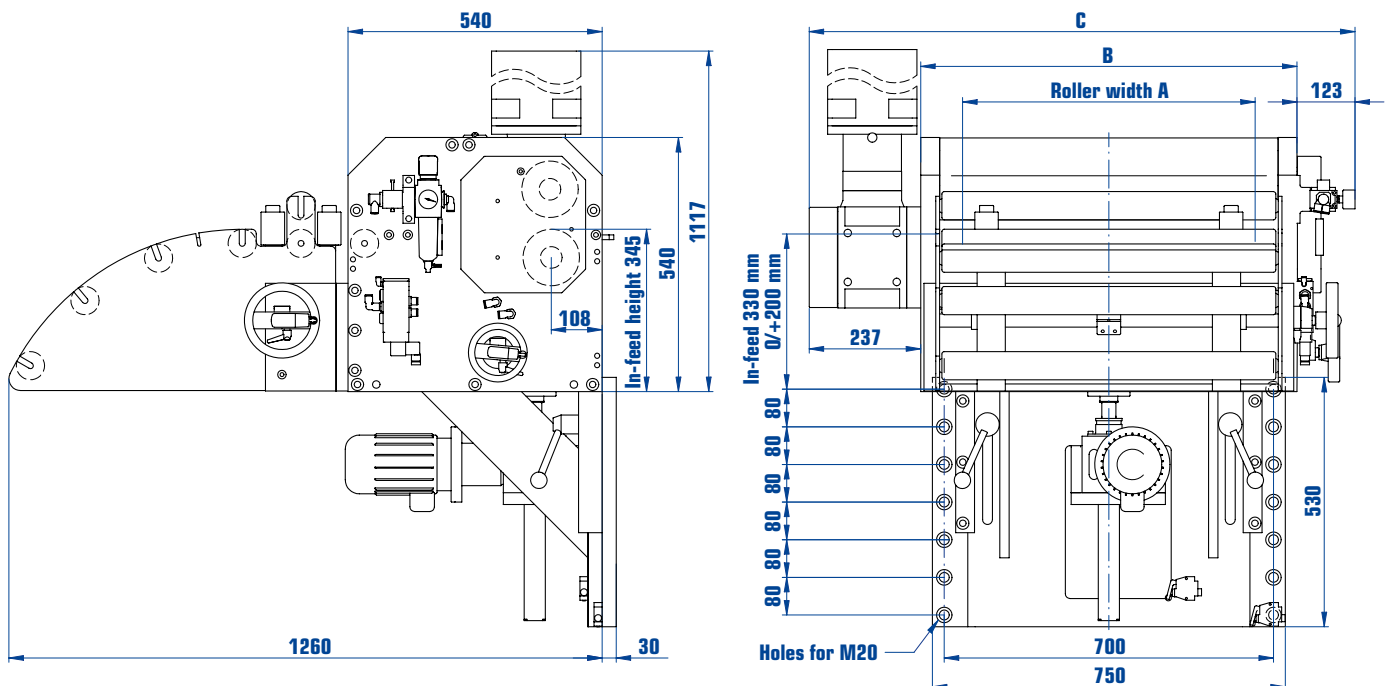
# Compact CNC control system for roll feeders

- 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    |
|------------|-----|-----|------|
| EV 420 ASG | 422 | 600 | 960  |
| EV 520 ASG | 522 | 700 | 1060 |
| EV 620 ASG | 622 | 800 | 1160 |

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