

## ELECTRONIC ROLL FEEDER

MODEL	AE-2/200	AE-2/300	AE-2/450	AE-2/600	AE-2/750
Max width (mm)	200	300	450	600	750
Max thickness (mm)	4	4	4	4	4
Max feeding section 900 mm <sup>2</sup>	200 x 3	300 x 3	450 x 2	600 x 1.5	750 x 1.2
Ø Feeding rollers (mm)	85	85	85	85	85
Advance accuracy (mm)	± 0,05	± 0,05	± 0,05	± 0,05	± 0,05
Speed in continuous (m/min)	200	200	200	200	200
Height adjustment (mm)	± 75	± 75	± 75	± 75	± 75



The electronic roller feeder AE-0 KOMPACT is ideal for cyclical feeding of material supplied in coils. The electronic Motion-Drive control system enables precise strip positioning in feeding processes with repetition of the same feed length. Easy to install and easy to program, assembly and set up can be carried out by the same user company quickly and safely.

Optional accessories on request depending on the model: Electronic cam box, 95 shore A polyurethane rollers, special guides for delicate materials, external encoder, lubricant systems...

### MACHINE FRAME AND FIXING PLATE

- The frame is constructed from aluminium and supplied mounted on a manually height adjustable plate in the case of working with dies of different heights.  
Optional: individual frame for AE-2. manual hydraulic regulation...

### TRANSMISSION

- Free maintenance AC servomotor equipped with inner resolver for an accurate strip positioning.
- Motor power output to the drive feeding roll by a pulley and toothed belt "no-shake" driving system.
- Power transmission to the upper feeding roll via precision spur gears.
- Motion-Drive digital servo-controller for processes with repetition of the feed length.



### FEEDING HEAD

- Two light weight treated feeding rolls with surface non-slip treatment. Surface hardness 60-62 HRC.
- Pressure of the upper roll onto the strip by springs.
- Pneumatic roll lifting in synchronism with the forming machine to allow entry and self-centering of the strip when working with dies with auto centering devices (pilot release).
- Strip thickness adjustment system with an eccentric level with mechanical blocking.
- Support rollers to assist strip entry and adjustable width guides.

### CONTROL UNIT

Separated from the feeder, it contains all the auxiliary electrical equipment necessary to proper functioning, as well as individual protection elements.

Options: Single-step, sequential or multi-step.

Electronic control consisting of a switch cabinet and a programming terminal with a color LCD touch screen:

- Main switch.
- Programmable feed length up to 9999 mm
- Programmable speed in %
- Operational parameters.
- Diagnosis and display error's messages.
- Emergency stop.

Sequential: Memorization of 100 tools with 25 programming lines

Multistep: Up to 10 tools, storage of 100 tools with 25 programming lines.

### COLOUR

Standard: Black RAL 4006, yellow RAL 1028 and blue RAL 5010.

