

## ELECTRONIC ROLL FEEDER

MODEL	AE-0/110 K	AE-0/210 K	AE-0/110 K-01	AE-0/210 K-01
Max width (mm)	110	210	110	210
Max thickness (mm)	2	2	3	3
Max feeding section	220 mm <sup>2</sup>	220 mm <sup>2</sup>	420 mm <sup>2</sup>	420 mm <sup>2</sup>
Max width x max thickness	110 x 2	210 x 1.2	110 x 3	210 x 2
∅ Feeding rollers (mm)	48	48	48	48
Advance accuracy (mm)	± 0,05	± 0,05	± 0,05	± 0,05
Speed in continuous (m/min)	180	180	180	180
Height adjustment (mm)	± 30	± 30	± 30	± 30



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.

### 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.

### 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.
- Drive set operations are controlled by an AC digital servo-controller (Motion-drive version) for feeding processes with repetition of the same feeding 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.

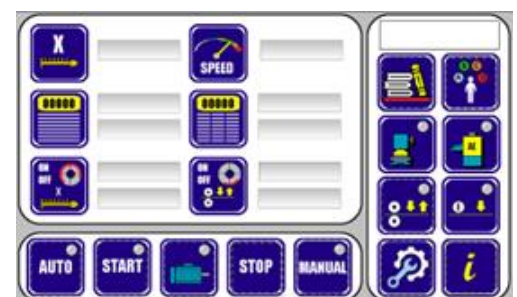


### CONTROL UNIT

The electrical installation comprises individual overload protection relays and all auxiliary electrical elements needed for the equipment to work under optimum conditions.

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.
- Manual mode and automatic continuous mode.



### COLOUR

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