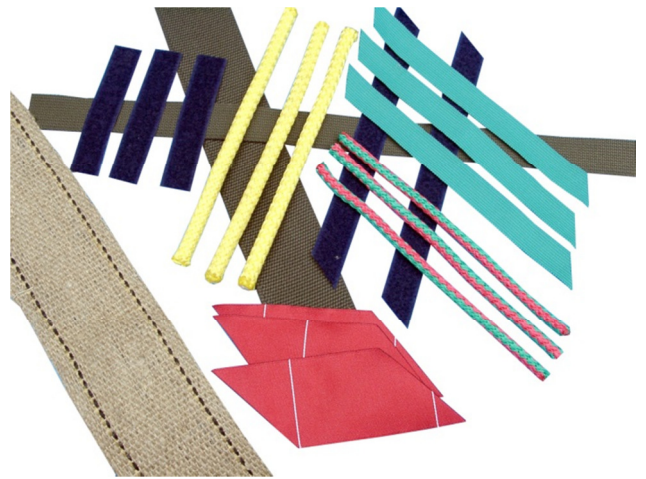




ACT – 02 Automatic tape-cutting machine (mechanical and thermal cutting)



Machine application:

The machine is designed for cutting tapes and cords into strips of a programmed length with the use of mechanical or thermal knife. The tape may be cut perpendicular to the axis of the fabric or at the given angle of about $\pm 45^\circ$.

Machine description:

The machine is fully automatic. The tape is collected from the bobbin which is hanged in the holder. Next, it proceeds through the system of guides which lead it to the pulling rollers. Here the fabric is measured, and afterwards cutting is turned on. Strips of tape are collected by the receiving device and fall into the container below.

The electronic drive and control system guarantees:

- precise measurement of the fabric
- counting the number of cut strips
- thermal knife temperature control
- cutting time control
- tape pulling speed control
- the stop of the machine in case of lack of the fabric

Electronic counter automatically stops the machine when the needed number of strips is reached.



Technical data of automatic tape-cutting machine ACT-02:

| Description: | Unit: | Quantity: |
|---|-------|-----------------------------|
| Cutting system | | mechanical or thermal knife |
| Length of cut strips | mm | 80 – 10000 |
| Angle of the thermal knife | ° | ±45 |
| Feed bobbin: | | |
| - max. external diameter | mm | 250 |
| - min. inner diameter | mm | 20 |
| - max. inner diameter | mm | 45 |
| Max. width of cut strips: | | |
| - perpendicular cutting | mm | 60 |
| - cutting at an angle | mm | 50 |
| Regulated speed of the tape (stepless regulation) | m/min | up to 30 |
| Max. temperature of the thermal knife | °C | 350 |
| Power of the thermal knife heater | W | 300 |
| Diameter of the exhaust ferrule | mm | 80 |
| Overall dimensions (length x width x height) | mm | 830 x 720 x 1650 |
| Weight of the machine | kg | 75 |
| Power installed | kW | 0,55 |
| Power supply | V | 1Ph 230 N/PE |
| Control voltage | VDC | 24 |
| Supply voltage frequency | Hz | 50 – 60 |