

TC 7.0

Hot Cutting Machine



TC 7.0 is an electropneumatic hot cutting machine. It can cut a wide range of materials, with neat and precise results.

The cut is performed through a hot cutting wire. The machine is designed for working materials such synthetic sheath and thin raw materials, whose ends do not have to close but need to be cauterized in order to avoid fraying.

TC 7.0 can be equipped with a dereeler suggested to get steady cutting lengths when operating with elastic and deformable materials.

Characteristics and advantages:

- Powerful and precise cutting unit: thin materials such as Kevlar, wires, tapes etc, are cut neatly.
- Fast, accurate and silent prefeeding unit.
- Simple use
- Fume extractor integrated.
- End material sensor.

Technical Specifications

Material width / thickness Max. 60 mm (optional: 120 mm) / Max 3 mm (depending on material)

Cutting length 50 – 10000 mm (1 mm increase)

Feeding speed Max. 400 mm / sec.

Noise level < 75 dB (A)

Interface Touch-screen

Language IT – EN - FR

Power supply 220 Vac / 50-60 Hz / 700 VA

Air supply 5 bar

Dimensions & Weight 400 x 1000 x 1760 mm
90 kg

CE Conformity TC 7.0 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.

Important Mecatronic recommends to submit wire samples in case of doubt about the processing capabilities of a particular machine.