

TEC 20 medical



DESCRIPTION

The medical TEC 20 is designed for bagging medical devices in medium or large series.

Efficient and compact, it is available in :

- **Inclined**, to slow down the fall of the products
- **Vertical**, for a gain in speed.
- **Horizontal**, with an assisted introduction system that keeps the orientation of the pieces, ideal for fragile products.

INNOVATIVE

Human/machine touch interface oriented **Industry 4.0**, with optional **21 CFR Part 11** compatibility to :

- *Maintain*
- *Visualize / Report*
- *Exploit / Inform*

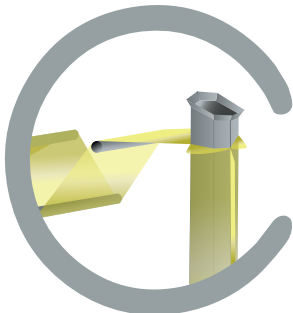


MADE
IN FRANCE

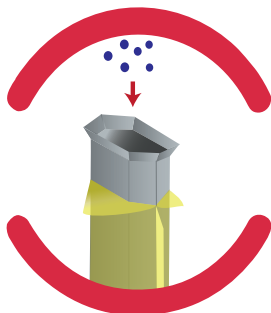
FUNCTIONING

The medical TEC 20 works with a voltage-regulated flat film reel that can be sterilized.

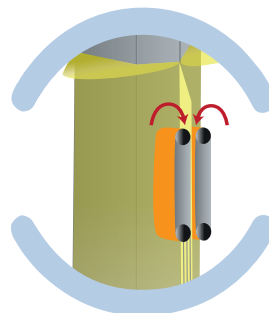
- 1** The film is conformed around a tube, called "conformer"
- 2** The parts are introduced into the conformator in manual or automatic mode
- 3** The longitudinal sealing unit makes a back seal in the middle of the bag
- 4** The cross-sealing unit seals the bottom and top of the bags simultaneously and separates them



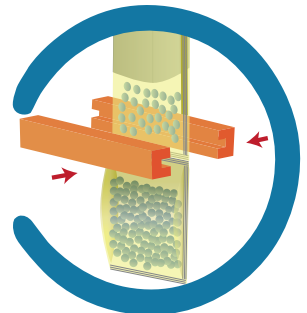
The shaper forms the bag in its width



This principle avoids any risk of loss of parts or contamination



Formation of the bag in its length



PERFORMANCES

- ⇒ Low loading height
- ⇒ Easy to move, machine mounted on wheels
- ⇒ Programmable controller
- ⇒ « BRUSHLESS » motorization
- ⇒ Touch screen and color man-machine interface or computer
- ⇒ Production counter
- ⇒ Thermal welding with dynamic control of each weld for quality feedback of the finished product
 - Double or wide weld from 3 to 8 mm
- ⇒ Continuous longitudinal welding
- ⇒ Motorized quick release coil holder
- ⇒ Marking in real time according to the length of the bag

OPTIONS & ACCESSORIES

- ⇒ Manual loading table
- ⇒ Identification by direct printing on thermal transfer film and/or application of labels
- ⇒ Heavy parts receiving flap
- ⇒ Monobloc conformator
- ⇒ Bag vibrator to standardize the parts
- ⇒ Impulse welding
- ⇒ **21 CFR Part 11** compliant machine



Possible synchronization with other devices :

- Robot
- Conveyor belt for product supply
- Automatic counting machine
- Bag weight control
- Automatic boxing



PACKING MATERIALS

- 🌿 **Biodegradable Oxo film**
- 🌿 **Biodegradable film type PLA**
- 🌿 **Paper**
- ⇒ PE / PP film
- ⇒ Neutral or pre-printed film

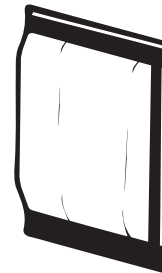
GREEN SOLUTIONS



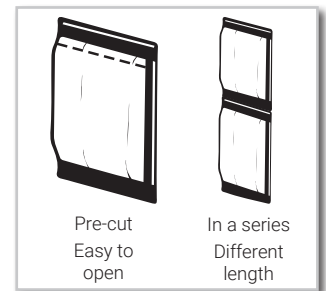
Our machines allow the passage of 100% ecological, biosourced, recyclable and biodegradable plastic or paper sleeves

BAG SHAPES

CUSHION BAG ASYMETRIC



OPTIONAL



TECHNICAL CHARACTERISTICS

		Version 300	Version 400
Cadence		Up to 20 bags/min <i>(Depending on film type, quality, thickness ...)</i>	
Bag weight		Up to 600 grams <i>(Higher weight with receiving flap)</i>	
Bag size	Width	80 to 300 mm	80 to 400 mm
	Length	Adjustment at will from mm to mm	
	Head opening <i>Option</i>	100 mm 150 mm	100 mm 150 to 200 mm
Coil size		Diameter : 320 mm	
Packing materials		Complex or thermowelding material Thickness : 60 to 150µ	
Power supply		220 V single-phase 50hz / 6 bars	
Machine weight		About 400 kg	

