

▶ SLITLABEL TLC automated machine

SLITLABEL TLC

AUTOMATED MACHINE FOR LONGITUDINAL ULTRASONIC SLITTING

Machine for **longitudinally cutting** and **ultrasonic welding of woven ribbons** complete with a **video camera with automatic movement of the blades** for **automated centering** of each single track.

The machine is **equipped with a video camera and our innovative software that constantly and automatically keep the ultrasonic longitudinal cut in the correct position; each single blade is individually controlled and moved without the need for manual intervention by the operator.**

The machine is equipped with a touch screen PC and video camera.

TECHNICAL FEATURES

- **Photocell** which reads the edge of the ribbon at in-feed to precisely **allow centering of the cut** in case of irregular material;
- Equipped **with a camera and an innovative software** that allow the ultrasonic longitudinal cut to be automatically kept in the correct position and **controls automatically and individually each single blade without the need for manual intervention by the operator;**
- Standard device for **waste material recovery;**
- The machine is equipped with **10 circular blades (0,3 mm) and 10 blade holders;**
- The **Control Panel** gives the possibility to check and manage the functions of the machine;
- Protections to **CE norms;**
- **Ribbon-roll shaft with a pneumatic brake and expanders** that allow the blocking of the ribbon-roll during processing and the quick loading of ribbon rolls;
- **Two independent groups for ultrasonic cutting** and constant cooling of vibrating parts by compressed air;
- One **motorized shaft for rewinding ribbon rolls** with pneumatic expanders;
- **Emergency blocking system** if the ribbon cut is not carried out correctly.

MAIN ADVANTAGES OBTAINED USING THE NEW SLITTING SYSTEM WITH CAMERA

- **The video camera system allows each blade to be moved automatically and independently** to find the correct position without the need for manual handling of the blades by the operator;
- Once the type of work to be done is configured, **the constant presence of the operator on the machine is not necessary, and a single person can operate on several machines at the same time;**
- **Quick and easy setup and use** – even unskilled operators can easily use the camera software and set up the job;
- **Processed tapes can be saved to PC files** and can be retrieved in case of job reordering;
- **Reduces waste:** thanks to the simultaneous control and automatic adjustment of each single blade, the final result is less waste;
- TOLERANCE: < 0,5 mm.

ACCESSORIES (OPTIONS)

v

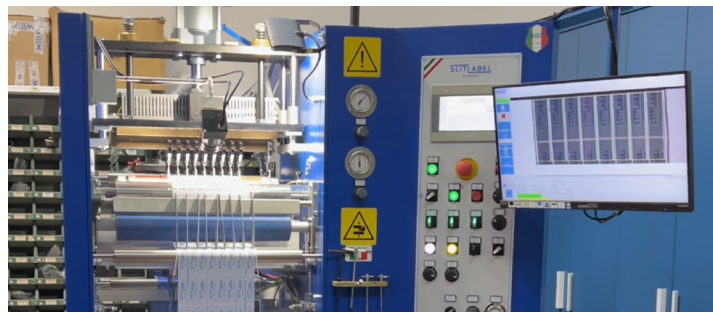
PORTABLE ULTRASONIC SEALING UNIT



This accessory joins the end of one ribbon to the start of another giving extremely resistant joints.

ADDITIONAL BLADE HOLDERS AND BLADES

- 0,2 mm thick blade;
- 0,3 mm thick blade;
- 0,6 mm thick blade;
- Automated blade holder.



MAIN FEATURES

	300 MM
MAXIMUM RIBBON WIDTH AT IN FEED	300 mm
MINIMUM WIDTH OF CUT RIBBONS	9 mm standard
SPEED	up to 20 mt/min with video camera
FREQUENCY OF ULTRASONIC UNIT	30 khz
NUMBER OF INDEPENDENT ULTRASONIC UNITS	2 x 150 mm

TECHNICAL DATA

OUTPUT DETAILS		MACHINE DETAILS	
MAXIMUM SPEED	60 m/min	ELECTRICS	400 V 3~ 50/60 Hz
RIBBON MAX WIDTH	» 300 mm	MAX ABSORBED POWER	3 kW
		NOISE LEVEL	< 70 dB
		WEIGHT	880 kg
		DIMENSIONS	140 x 130 x 220 h cm