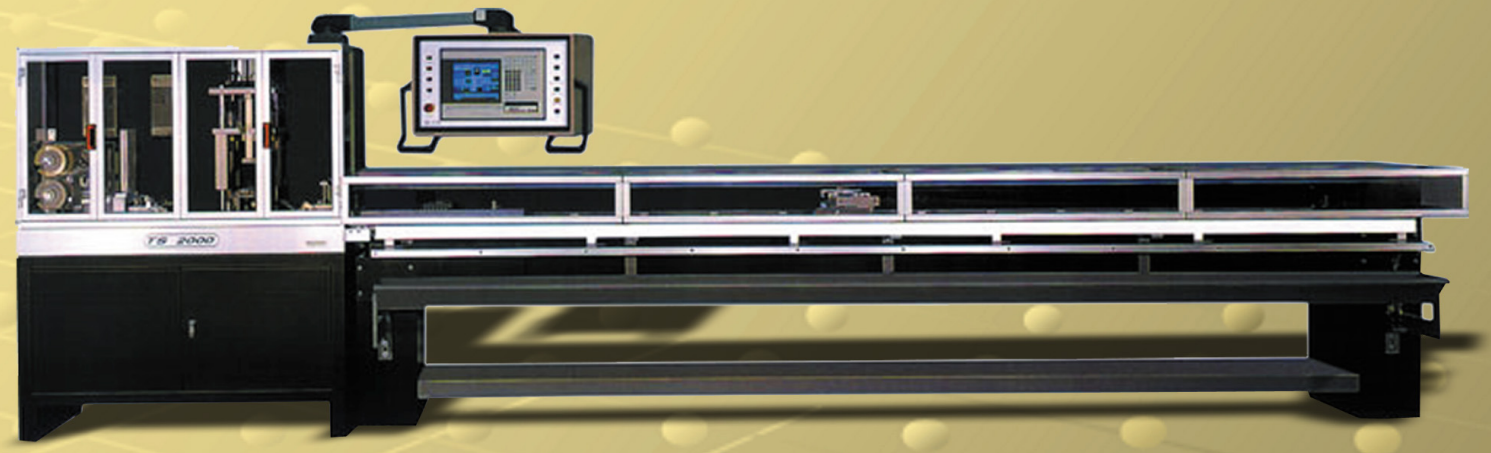
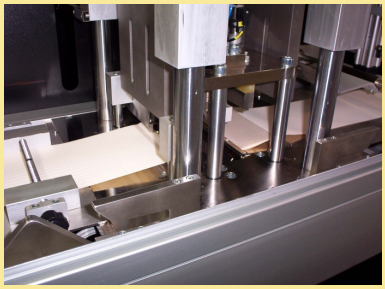
MACHINE FOR VERTICAL BLINDS



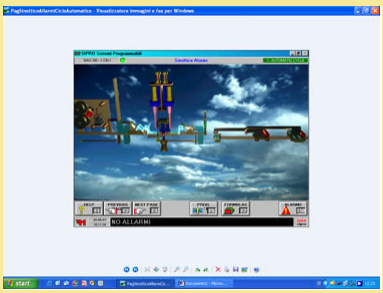
TS 2000/US

The TS 2000/US is a computerized machine for vertical blind louvers (with industrial PC) that cuts, punches, folds and seals by ultrasonic both top and bottom of louvers and puts in the hanger automatically within an accuracy of ± 0,1mm at a speed of well over 400 louvers per hour. It will cold cut and punch uncoated fabrics such as Trevira CS with the same quality as coated fabrics such as Shantung. A wide possibility of adjusting welding allows TS 2000/US to process all kinds of fabrics. Actually, the various aspects of welding, like pressure, ultrasonic and cooling times, can be independently varied for the top and for the bottom fold. This allows the operator to modify them according to the different characteristics of the fabric. Ultrasonic welding technology applied on the Model TS 2000/US machine makes it fast and high reliable.

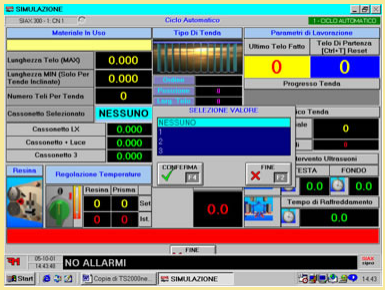
tecno system
MACHINERY FOR BLINDS



UTRASUONIC WELDING HEADS



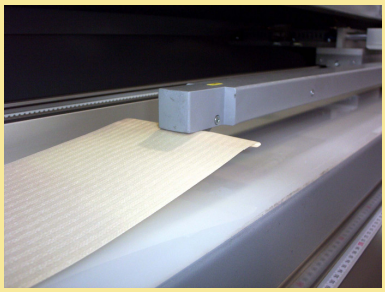
SELF-DIAGNOSTIC



DATA INPUT PAGE

FEATURES

- The order is entered through the keyboard of the Industrial PC (e.g.: length, quantity, type of fabric, etc.)
- The computer can take into consideration up to three different heights of head rail.
- A wide number of programs is available to memorize the elaborating characteristics of every type of fabric (sealing time, cooling time and sealing pressure).
- The machine will automatically set up according to the characteristics of the fabric being processed.
- An automatic program for slope blinds is also available. The computer will calculate the different drops for slope blinds by simply inputting the minimum and maximum drop and the number of louvers in the blind.
- The speed at which the machine works can also be adjusted by means of the computer.
- An auto diagnostic system visualized graphically on the monitor gives the opportunity to spot anomalies of any kind.
- A MODEM integrated in the computer allows an immediate and direct connection to Tecno System for verifying and solving from distance possible anomalies.
- A special device applies, whenever necessary, a band of film on the louvers which gives the possibility to seal the fabric and prevent from any fraying on the punched and cut part.
- Four adjustable auto-centering guide rails ensure perfect centering of the fabric.
- The machine works on 63 mm, 89 mm e 127 mm. width of fabric.
- The drop of the louver is obtained by a double numerical control system moving two arms (hands) working alternatively between them.
- The louver runs over a lighted check panel integrated on the bench allowing the operator to check the quality of the fabric.
- Roll shafts, with an expanding pneumatic system, an electromagnetic braking system and anti-static device.
- An optical sensor ensures automatic stop of the machine when the roll is finished
- Minimum louver's length 220mm, maximum 4000mm



SLAT PULLING ARM

FABRIC TRIMMER

FABRICS FAULTS DETECTOR

OPTIONALS:

- Data input through a bar code reader
- Electronic device for detecting metal stickers applied on faulty fabrics by the manufacturer will allow the machine to discard automatically faulty parts.
- Fabrics trimmer (e.g.: from 127mm to 89mm)
- Automatic device for positioning the weight into the bottom pocket (with link chain)
- Automatic device for welding by ultrasonic the bottom pocket with a zinc plated metal weight to produce "free hanging" slat (no link chain)

TECHNICAL SPECIFICATIONS

• Electric supply	Single phase 220V, 50/60Hz	Length	7000 mm
• Average electric consumption	2 Kwh	Max. height	2000 mm
• Air supply	6 bar	Depth	1140 mm
• Average air consumption	50 lt/min	Weight	Kg. 1100 approx.
• Bottom fold	65 mm or on request		
• Top fold	23 mm or on request		
• Round punch	∅ 16 mm or on request		

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