

## Pinking Machine

«ZL»

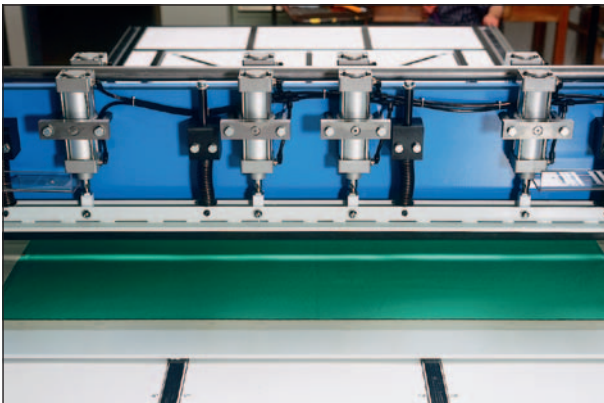


- Innovative development of a high tech 162 cm (64") pinking machine for large numbers of samples.
- Fast and accurate machine. Suitable for any fabric quality as well as for leather and artificial leather, felt, carpet etc.
- Standard version with quick-change cutting depth and turntable.
- The modular built up construction permits a specific choice of equipment features such as laser cut-line indicator, optoelectronic safety device, hand lever double-feed mechanism or fully automatic table feed.
- Maintenance-free, self-lubricating bearings. Low energy consumption and noise level due to electric drive with stop-motor.
- Available with multiple table extensions on one or both sides of the machine if desired.

### Technical Data

Knife length	1620 mm (64")	
Stroke	100 mm (4")	
Number of cuts per minute	22	
Cut-line indicator	laser optionally	
Safety device	optoelectronic	
Drive	electro-mechanic	
Power requirement	5.5 kW	
Table size	4880 x 1780 mm (192" x 70")	
Dimensions	length	4880 mm (192")
	width	2230 mm (88")
	height	1640 mm (64")
Weight	2200 kg (4840 lb)	

Subject to design changes



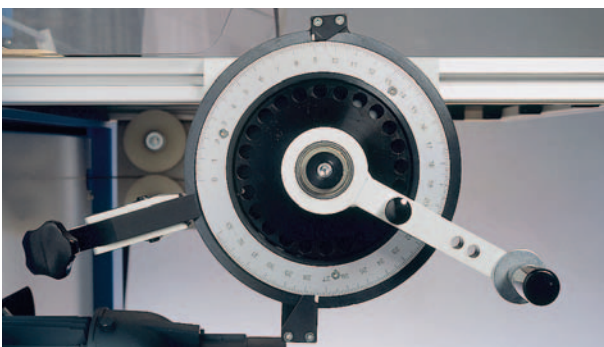
### Mode of operation

After placing the cutting material on the cutting board, sample length and width are preselected, either by setting positive stops on the hand lever feed mechanism or by means of dial-in counters on the automatic feed control unit. Feeding and cutting motions are performed either with hand lever and push button or fully automatically.

The cutting board is rotated by 90° after the material has been cut in strips. The sample strips pass the knife for the second cut.

### Hand lever double-feed mechanism

This feed mechanism is extremely accurate. The dial has a setting range from 0 to 320 mm (0 to 12.6") whereby both stops can be set to any dimension and completely independent of each other. Dimensions exceeding 320 mm (12.6") are obtained through repeated handle movements.



### Fully automatic double-feed system

Electronic control system with two programs from 0 to 9999.9 mm for simultaneous preselection of sample length and width. Ensures highest degree of accuracy and operating comfort.



### Specially Hardened Pinking Knives

The approved, specially hardened POLYTEX pinking knives are equipped with an ultra-slim blade and an unmatched precise grinding. This equipment improves cutting accuracy, reduces cutting force required, so protecting the machine. It reduces "fusing together" of cut edges and is the basis of the efficient further treatment of fabric stacks on glueing and separation devices. These knives are distinguished by an exceptionally long life and a favorable price. No bothersome resharpening is required. They come into use in combination with the special knife holder on the pinking machines Types ZM, ZE, ZP, ZL and ZX.

### Straight Edge and Serrated Knives

Also available are our resharpenable straight edge and serrated knives with serration 4 mm, 5 mm and 6 mm, with symmetrical or flat back grinding. Special executions are manufactured for you at all times on demand.



### Grinding Service

POLYTEX offers a grinding service for resharpenable knives which helps your knives quickly and inexpensively to an absolutely exact cutting edge.

### Cutting Boards

To profit by the precision of POLYTEX knives for a long time, we recommend to use our DUROTTEX cutting boards size 1620 x 1620 mm (64" x 64").

### The result

