



# Pierret

Since 1925

a new  
generation



## S45

GUILLOTINE CUTTING MACHINE  
FOR SOFT MATERIAL

### MAIN FEATURES

- > Cutting width: 450 mm ( $\pm 18''$ ).
- > Acceptable compressed material thickness: 75 mm ( $\pm 3''$ ) according to the type of material.
- > Maximum material thickness at infeed:  $\pm 200$  mm ( $\pm 8''$ ) according to material compressibility.
- > Cutting speed: 300 cuts/min.
- > Range of cutting lengths: from 6 mm ( $\pm 0.2''$ ) to 150 mm ( $\pm 6''$ ).
- > Production varies according to the material, cutting length, loading, ..., and may reach over 1,200 kg/hour (2,650 Lbs/hour).

- > The cutting machine is driven by a three phase asynchronous motor with IP55 protection.

### DESIGN

- > Simple, accurate knife adjustment via two detachable handles located on the front panel of the machine.
- > Compact and sturdy machine.
- > Simple, quick and practical cutting length adjustment by exchanging pinions.

## PRACTICAL ADVANTAGES

- > Minor wear of the cutting edge can be taken up in seconds while the machine is working.
- > All Pierret knives are straight and can be sharpened on a separate grinding machine, ideally one manufactured by Pierret. The mobile knife is double-sided.
- > A separate control station used to control the machine functions is within the operator's reach.
- > Quick dismounting of the feed table.
- > A special feed table design totally eliminates penetration of foreign material between the conveyor belt and the sides.
- > The cutting machine can easily be moved with a fork-lift or a pallet jack.
- > Easy to clean under the feeding belt.
- > Easy to clean the inside of the machine.
- > Easy access to the entire transmission of the machine.
- > The feeding may be reversed by the simple movement of a lever.

## OPERATION

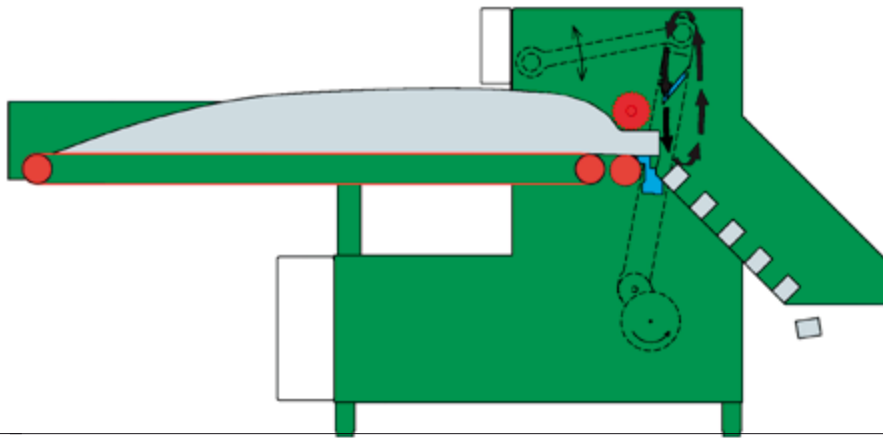
- > The material is conveyed on a feeding belt to an awaiting hardened steel fluted roll. This roll compresses the material on a smooth roll and draw it efficiently towards the knives.
- > The scissor effect produced between the mobile knife and the fixed knife guarantees a clean edged, melt-free cut, easily and accurately.
- > The machine stops automatically in over thickness conditions with withdrawal facility by feeding reversal.
- > The machine stops automatically in case of a material wrap-up.

### Total installed power

- 4 Kw/50 Hz

### Dimensions/ Weight

- 2,900 x 1,070 x height 1,330 mm / 1,200 Kg  
9'-6" x 3'-6" x height 4'-4" / 2,650 Lbs



### PIERRET INDUSTRIES

Rue du Sommet 32 • B-6838 CORBION • BELGIUM  
Tel. (32) 61.46.51.00 • Fax. (32) 61.46.62.63

Sales & Services for U.S. and Canada

### PIERRET NORTH AMERICAN DIVISION

215 Wingo Heights Rd • SPARTANBURG, S.C. 29303 • USA  
Tel. (1) 864.583.4829 • Fax. (1) 864.583.3362

E-mail : [info@pierret.com](mailto:info@pierret.com) • Web : [www.pierret.com](http://www.pierret.com)



This description of the machines' technical features is provided purely for guidance and does not commit us. Modifications and improvements may be made without prior notice and at any time.