



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: ± 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

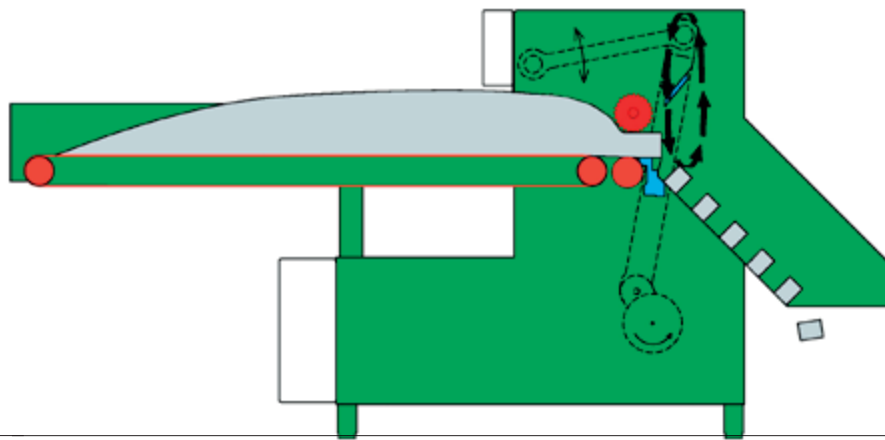
- > The material is conveyed on a feeding belt to an awaiting hardened steel fluted roll. This roll compresses the material on a smooth roll and draws it efficiently towards the knives.
- > The scissor effect produced between the mobile knife and the fixed knife guarantees a clean edged, melt-free cut, 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



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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.