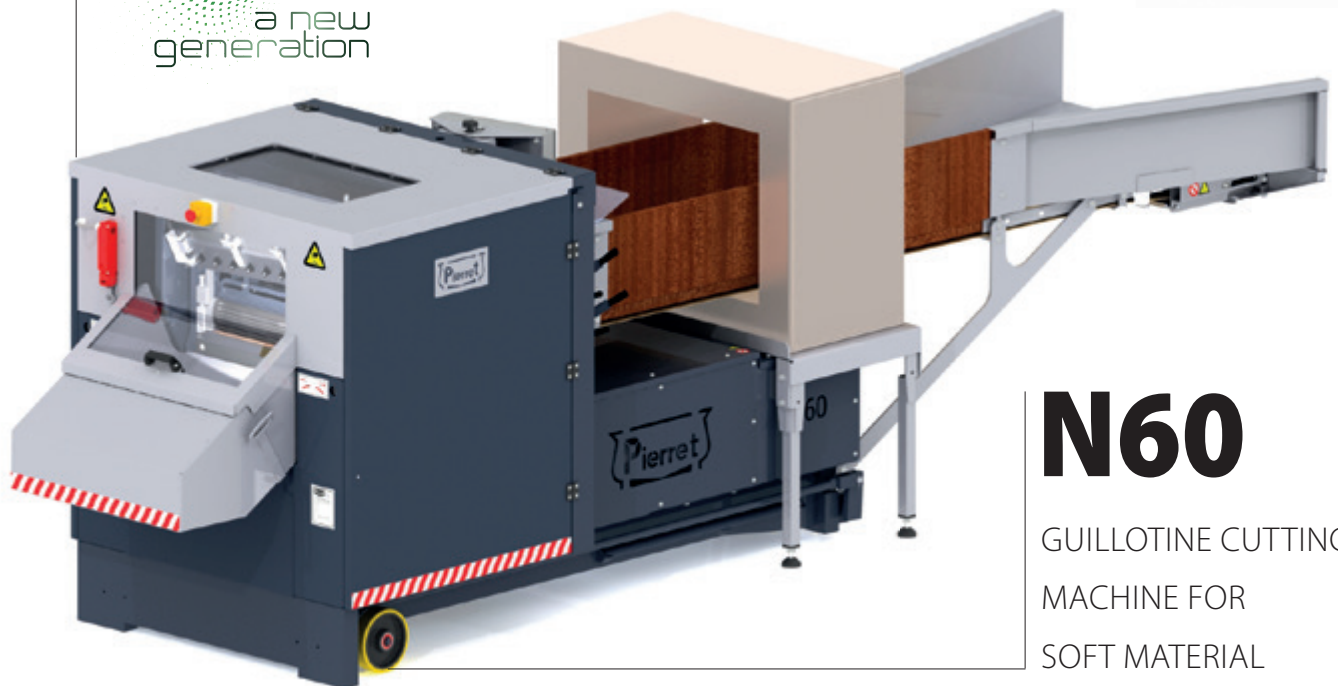




# Pierret

Since 1925

a new  
generation



## N60

GUILLOTINE CUTTING  
MACHINE FOR  
SOFT MATERIAL

### MAIN FEATURES

- > Cutting width: 600 mm ( $\pm 23$ " effective for a 1.090 mm ( $\pm 43$ " table infeed width.
- > Acceptable compressed material thickness: 125 mm ( $\pm 5$ " according to the type of material.
- > Maximum material thickness at infeed:  $\pm 300$  mm ( $\pm 12$ " according to material compressibility.
- > Cutting speed: 290 cuts/min.
- > Range of cutting lengths: from 7 mm ( $\pm 0.3$ " to 118 mm ( $\pm 4.5$ "). From 4 mm ( $\pm 0.15$ ") as an option.
- > Production varies according to the material, cutting length, loading, ..., and may reach over 3,000 kg/hour (6,600 Lbs/hour).
- > The cutting machine is driven by two three phase asynchronous motors with IP55 protection.

### DESIGN

- > Simple, accurate knife adjustment via two detachable handles located on the front panel of the machine.
- > Quick and separate rolls adjustment to enable a suitable infeed gap for the materials to be cut.
- > Two hardened steel grooved rolls draw the material towards the cutting chamber. The first roll, with a diameter of 240 mm ( $\pm 10$ "), compresses and draws efficiently the material on the feeding belt.
- > Quick cutting length adjustment by frequency inverter.

## 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 control station used to control the machine functions is centrally located. The user can therefore work from the right- or the left-hand side of the machine. The machine can be equipped with a PLC (optional).
- > 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 is mounted on retractable wheels.
- > The feeding may be reversed by the simple push of a button.
- > The feeding can be started or stopped by a remote signal.
- > 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 cutting machine can be placed in line with our R52 automatic loader-feeder.

## OPERATION

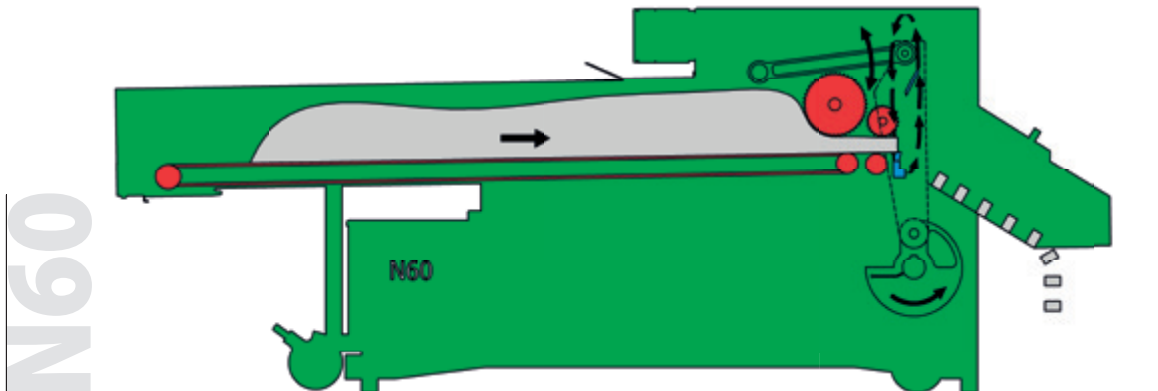
- > The material is conveyed on a feeding belt to an awaiting hardened steel roll assembly. The rolls compress the material on the feed table and draw it efficiently towards the knives.
- > The scissor effect produced between the mobile knife and the fixed knife guarantees a clean edged, melt-free cut, easily and accurately.
- > The roll adjustments enable a trouble-free feeding of materials of various types and shapes.
- > Automatic feeding shutdown in over thickness conditions with withdrawal facility by feeding reversal.
- > The machine stops automatically in case of a material wrap-up.

### Total installed power

- 13 Kw/50 Hz

### Dimensions/ Weight

- **N60 standard**  
3,720 x 1,235 x height 1,475 mm/2,560 Kg  
12'-2" x 4'-1" x height 4'-10"/5,650 Lbs
- **N60 with detector**  
4,720 x 1,235 x height 1,475 mm/2,850 Kg  
15'-6" x 4'-1" x height 4'-10"/6,300 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.