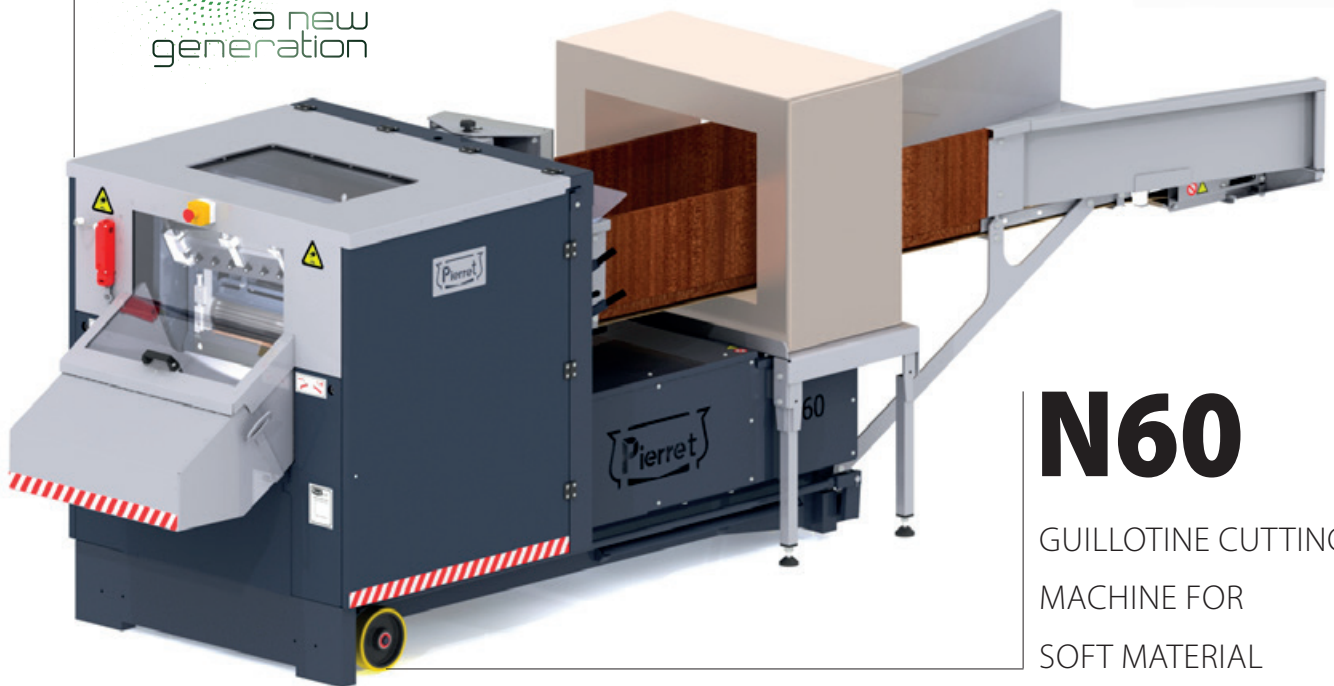




# Pierret

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 ROBOT automatic feeder.

## OPERATION

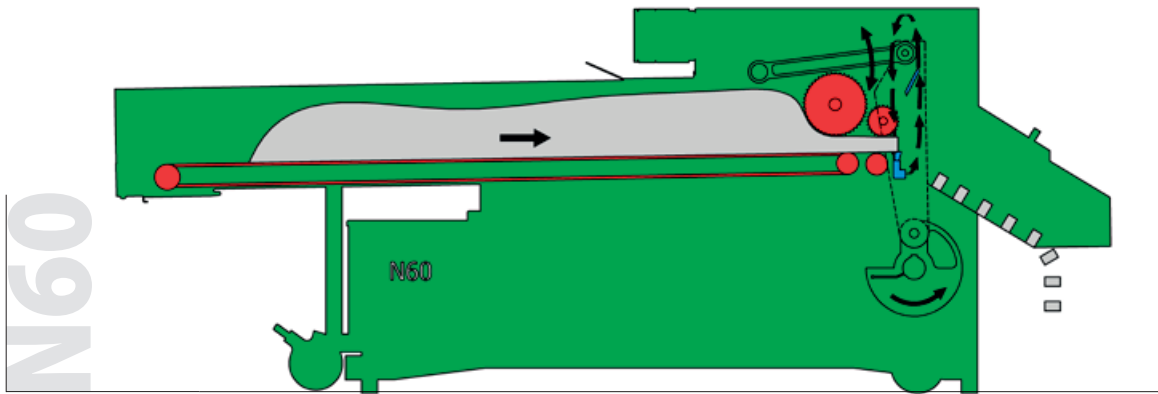
- > The material is conveyed on a feeding belt to an awaiting hardened steel roll assembly. The rolls compress the material on the feed table and draw it efficiently towards the knives.
- > The scissor effect produced between the mobile knife and the fixed knife guarantees a clean edged, melt-free cut, 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



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.

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