

MAIN FEATURES

- > This cutting machine is equipped with a tungsten carbide mobile knife to cut special fibers such as glass, carbon, aramid fibers, ...
- > Cutting width: 450 mm (\pm 18") effective for a 830 mm (\pm 33") table infeed width.
- > Acceptable compressed material thickness: \pm 30 mm (\pm 1.2") according to the type of material.
- > Maximum material thickness at infeed: ± 100 mm (± 4") according to material compressibility.
- > Cutting speed: 380 cuts/min.
- > Range of cutting lengths: from 6 mm (\pm 0.2") to 125 mm (\pm 5"). From 3 mm (\pm 0.1") as an option.

- > Production varies according to the material, cutting length, loading, ... , and may reach over 1,000 kg/hour (2,200 Lbs/hour).
- > The cutting machine is driven by two three phase asynchronous motors with IP55 protection.

DESIGN

- > Simple, accurate knife adjustment via two knobs 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.
- > 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.
- > 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.
- > 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.
- > Easy to clean under the feeding belt.
- > Easy to clean the inside of the machine.
- > Easy access to the entire transmission of the machine.

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 carbide mobile knife and the fixed knife guarantees a clean edged 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.

Total installed power

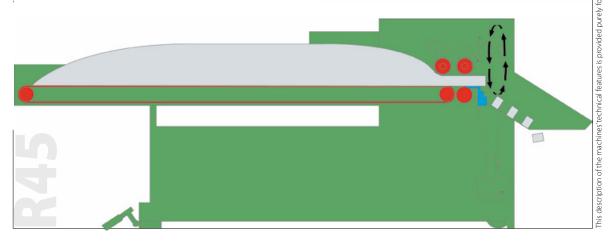
10.7 Kw/50 Hz - 12.5 Kw/60 Hz

Dimensions

- 3,700 x 1,070 x 1,320 mm
- 12'-2" x 3'-6" x 4'-4"

Weight

1,850 Kg/4,080 Lbs



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