

## Corduroy Cutting m/c Avant Garde

Reference: RF0078

The cutting machine Cord AvantGarde has been specifically planned and realized for the continuous cutting of corduroy.

The standard model has a working width of 1890mm in a table width of 2000mm. Some PATENTS protect the innovations introduced which have made the cutting machine Cord Avant Garde the most technologically advanced machine.



**MAIN FEATURES:** This machine has been designed to cut the corduroy ribs;

The machine has two speeds; the first is a low speed (programmable) that is used when the machine is started (it lasts for a few seconds) and automatically passes to the second speed, which is the prior settled working speed.

At any time the start button is pressed the machine passes from the first speed to the second and vice versa.

When the machine is stopped the tension of the fabric can be decreased (programmable).

Two load cells control and adjust the tension of the fabric on the cutting zone.

The tension and the drawing of the fabric is assured by two brushless motors working together with encoders.

This kind of motors can provide a constant tension of the fabric without any small variations and a quick stop is guaranteed when any alarm happens; all this without use any clutch, brake or other mechanical system.

The shaft's motor and the hammer's motor are driven by inverters and the speed can be adjusted when required. When the machine is stopped the fabric can be pulled back by step (5 or 6mm) (programmable) to avoid any uncut threads.

The bottom cutting edge can be used 4 times on its own corner profile; when damaged, a fast system permits to replace it.

Double buttons panel on the right and left side of the machine to help the operator working conditions.

The cutting angle is increased in order to make easier all operations when the needles (guides) must be put into the fabric's ribs and to help the cutting effect.



