

# POI ROTOR



Polishing machine

# POL-ROTOR Polishing Machine

## POLISHING MACHINE

With the demand of high quality in textile finishing, the Polishing machine is increasing its importance in the finishing process. The function of this machine is to give a polished and a shining effect to the fabrics, giving them a higher quality.

The Polishing machine is produced in models suitable to process synthetic furs, acrylic blankets, wool fabrics and all those fabrics that require a shining effect.

## POLISHING ROLLER

The Polishing roller is provided with helical grooves for an higher efficiency; in the versions for wool the helical grooves are knurled, in the ones for synthetic furs the helical grooves are plain.

The Polishing roller is heated by electric resistors, controlled by temperature detectors, in order to keep a precisely constant temperature on all the width of the roller. The temperature is adjustable by control panel.

## WAXING UNIT

The waxing unit is supplied in those machines to process wool fabrics and it is used to apply on the fabric, the chemical product to obtain the shining effect.

The waxing unit is equipped with a waxing roller, which collects the chemical from the tank, and a waxing brush, which takes the chemical from the waxing roller and applies it on to the fabric. The quantity of chemical product to be ap-

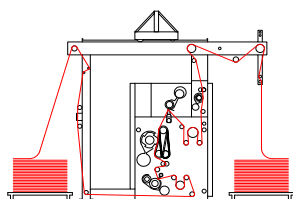
plied on the fabric, can be adjusted by control panel.

## TIGERING UNIT

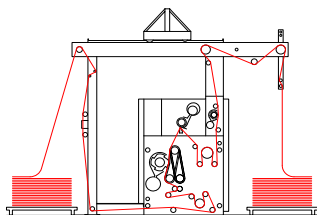
For the processing of high pile fabrics, the tigering device is making a pile opening and combing action, in order to improve the polishing effect and obtain a better finishing. The tigering unit is equipped with metallic brush cleaning system.

## SHEARING UNIT

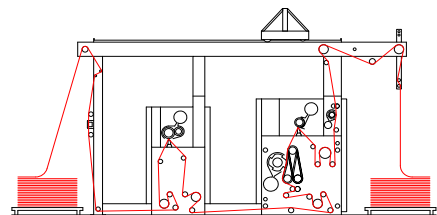
In order to equalise the pile height after the polishing process, it is possible to have a shearing unit; available either as a separate machine in line or as a unit included in the combined Polish-Shear.



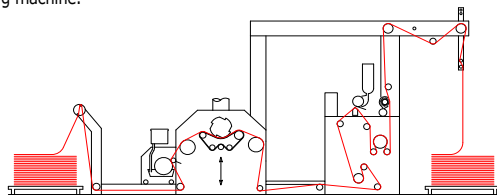
Tri-Combined Tigering-Polishing-Shearing machine.



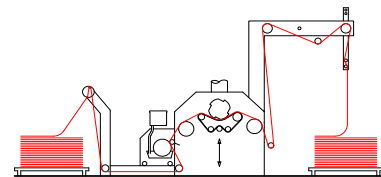
Combined Polishing and Shearing machine.



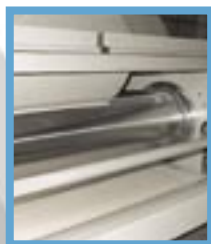
Line of Tigering machine and Polishing-Shearing machine.



Line of Polishing and shearing machine.



Polishing machine for wool and cashmere fabrics.



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