

TEXTILE II

STEVANIE DJULIFEN

DECATING PROCESS

Mechanical Finishing Process





DEFINITION

What is Decating?

Decatising or decatizing, also known as crabbing, blowing, and decating, is the process of making permanent a textile finish on a cloth, so that it does not shrink during garment making. Though used mainly for wool, the term is also applied to processes performed on fabrics of other fibers, such as cotton, linen or polyester.

A finishing process in which the fabric is wound tightly onto a perforated roller and either immersed in hot water, which is also circulated through the fabric (wet decatising) or has steam blown through it (drydecatizing). Decatized wool fabric is interleaved with a cotton, polyester/cotton or polyester fabric and rolled up onto a perforated decatizing drum under controlled tension. The fabric is steamed for up to ten minutes and then cooled down by drawing ambient air through the fabric roll. The piece is then reversed and steamed again in order to ensure that an even treatment is achieved.

TYPES OF DECATING MACHINE

Decatizing is a finishing method widely used for wool. There are several quite different types of wool decatizing machines.



Batch Decatizing Machine

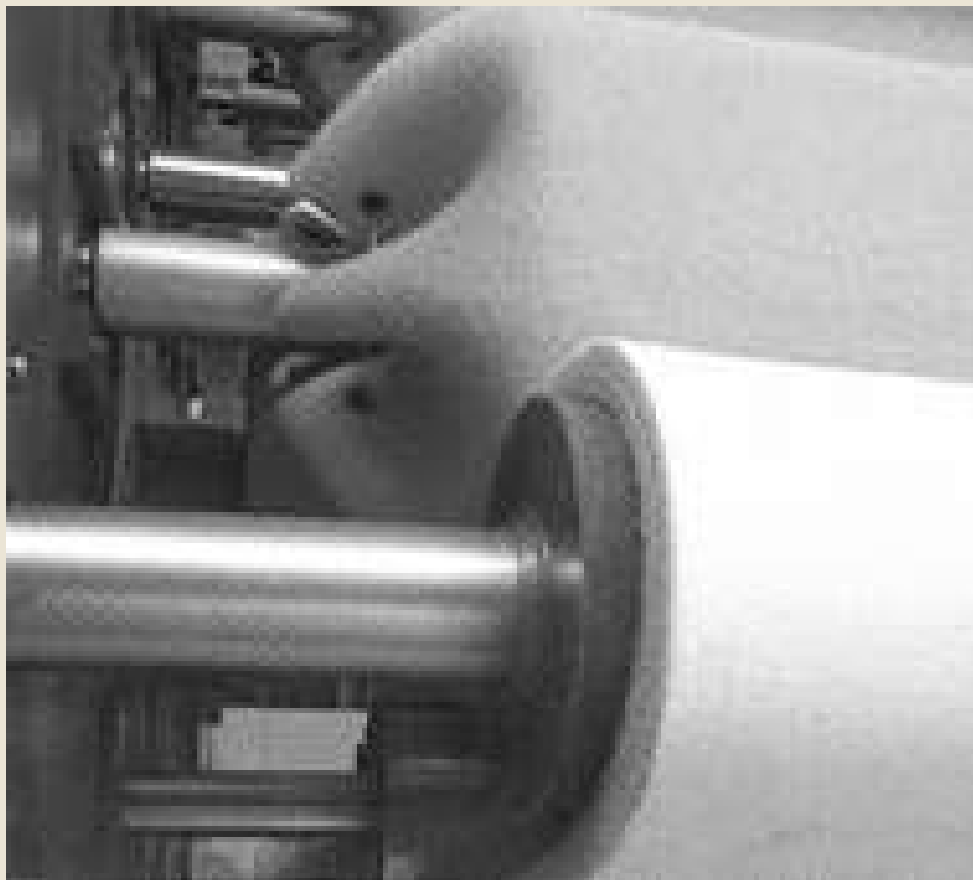
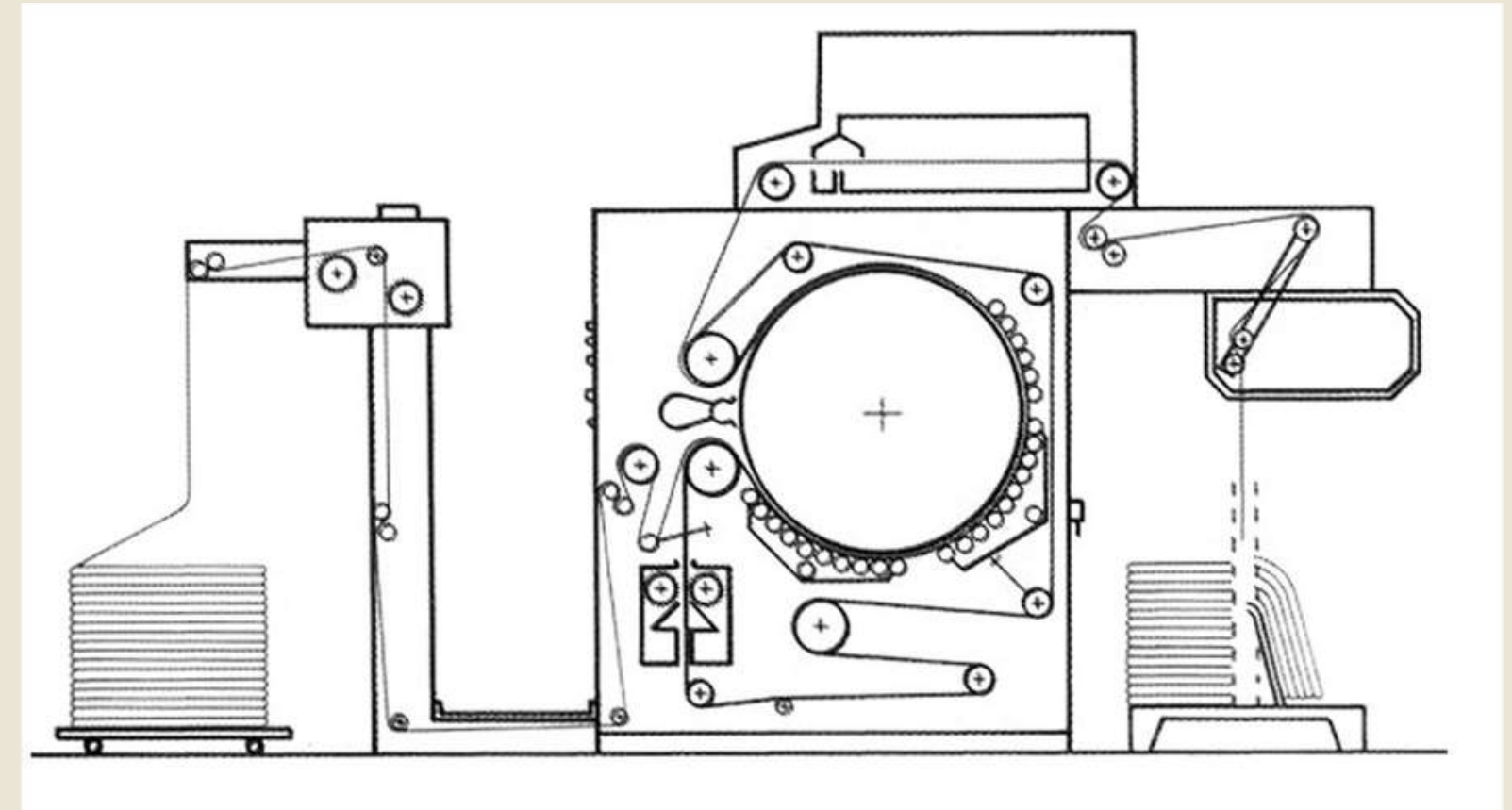
Continuous Decatizing Machine

Wet Decatizing Machine

Dry Decatizing Machine

CONTINUOUS DECATING/DECATIZING PROCESS

In the continuous decatizing process needle felts or silicone blankets are used. Furthermore, to protect the needle felts underwindings and fleeces are employed.



TEXTILE DECATISING PROCESS



STEAMING A SLEEVE FOR CONTINUOUS DECATIZING MACHINE



TEXTILE CONTINUOUS DECATISING PROCESS

