

# Flat Blade



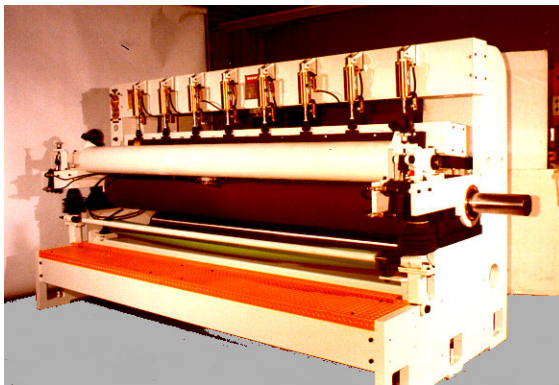
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Textiles / Paper / Nonwovens / Healthcare / Service  
Softness, Bulk, Shrinkage Control, **Stretch**, Extensibility,  
Drape, Hand, **Decorative Effects**, Absorbancy

*There are four possible configurations of the Micrex/Microcreper for decorative applications: Comb Roll, Conventional Doctor Blade, Bladeless and Flat Blade. The Flat Blade is the newest and most versatile configuration, giving a finisher the widest range of decorative styles.*

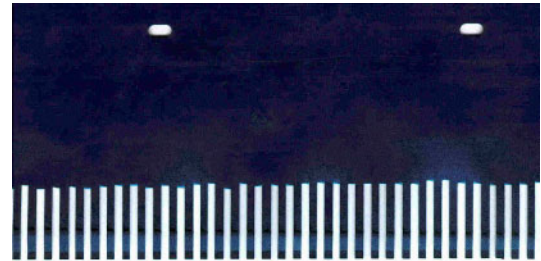
The Micrex/Microcreper equipped with a Flat Blade assembly is designed to give the finisher maximum flexibility to respond to a competitive style-driven marketplace.



*Micrex/Microcreper (2.5 meter) with Flat Blade Assembly*

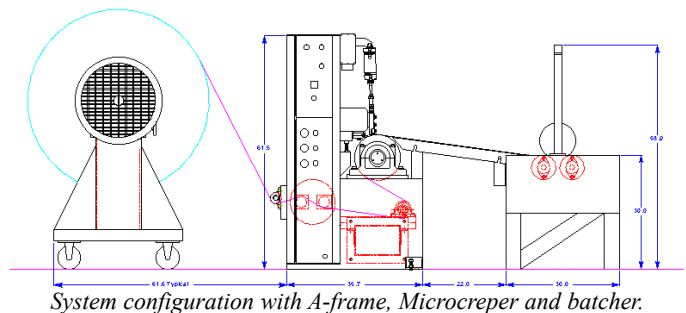
A poly/cotton sheeting can be made into a whole series of rich decorative styles. Many decorative styles are possible, plisse, crepe, and seer-sucker all can be accomplished on the same basic material within minutes.

The process utilizes a notched blade made from spring steel, which selectively compacts the fabric. New styles can be configured by the operator using scissors, simply by cutting patterns in a steel blade. The spacing is limitless and is solely up to the finisher. The Micrex/Microcreper is able to impart a myriad of patterns with a relatively short changeover time, typically 2-3 minutes. In one case of a shower curtain manufacturer, the customer specified a 5 inch wide “pucker” with a 1/4 inch compacted width. All this at speeds up to 20 yards per minute.



*A pattern blade for seer-sucker effect.*

A wide range of woven fabrics can be processed on the Microcreper. Materials that contain 50% or more synthetic fiber (polyester or nylon) can have the patterns set right on the machine. An external hot oil system provides the necessary heat to the main roll to “set” the patterns into the fabric to hold up through home laundering. Further, since the Micrex/Microcreper is a mechanical process, there are no expensive and dangerous chemicals or effluents to be dealt with. 100% cotton fabric and material with high amounts of natural or cellulosic fibers need pre and post treatment with the use of resin to stand up to washing.



To evaluate the benefits of the Micrex/Flat Blade on your materials, contact Micrex directly. Micrex will arrange a free trial using your materials at our lab.

Note: Not all materials can be processed successfully. Micrex can only warrant performance on materials where trials have been performed on a commercial scale.

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