

Why Stewarts of America Pinned Products?

There are a number of reasons!

1. Over 130 years of Pin and Pinned Product manufacturing experience
2. Extensive, capable machine and fabrication shop
3. Team of in house experienced engineers, machinists and fabricators
4. Projects are made from scratch in house.
5. Unsurpassed pinning technology precision
6. Huge volume of pin inventory with a wide selection on hand
7. From one and two parts to thousands of parts, Stewarts can do it all
8. Vast experience with textile equipment
9. Extensive knowledge in the design of pin patterns for specific or unusual fiber opening requirements.

STEWARTS OF AMERICA ARE PROUD TO REPRESENT:

BALKAN, Turkey

Textile machinery manufacturer for Waste Opening and Ginning

NOMACO, Austria

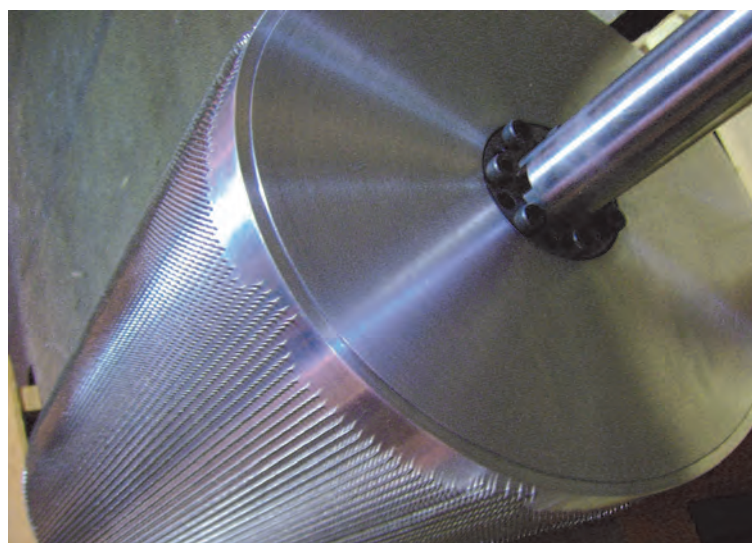
Needle-boards and other quality components for Nonwoven machinery

TATHAM, UK

Manufacturer of Nonwoven Mini lines, and machinery for medical applications

FALLER BARS INTERNATIONAL, UK

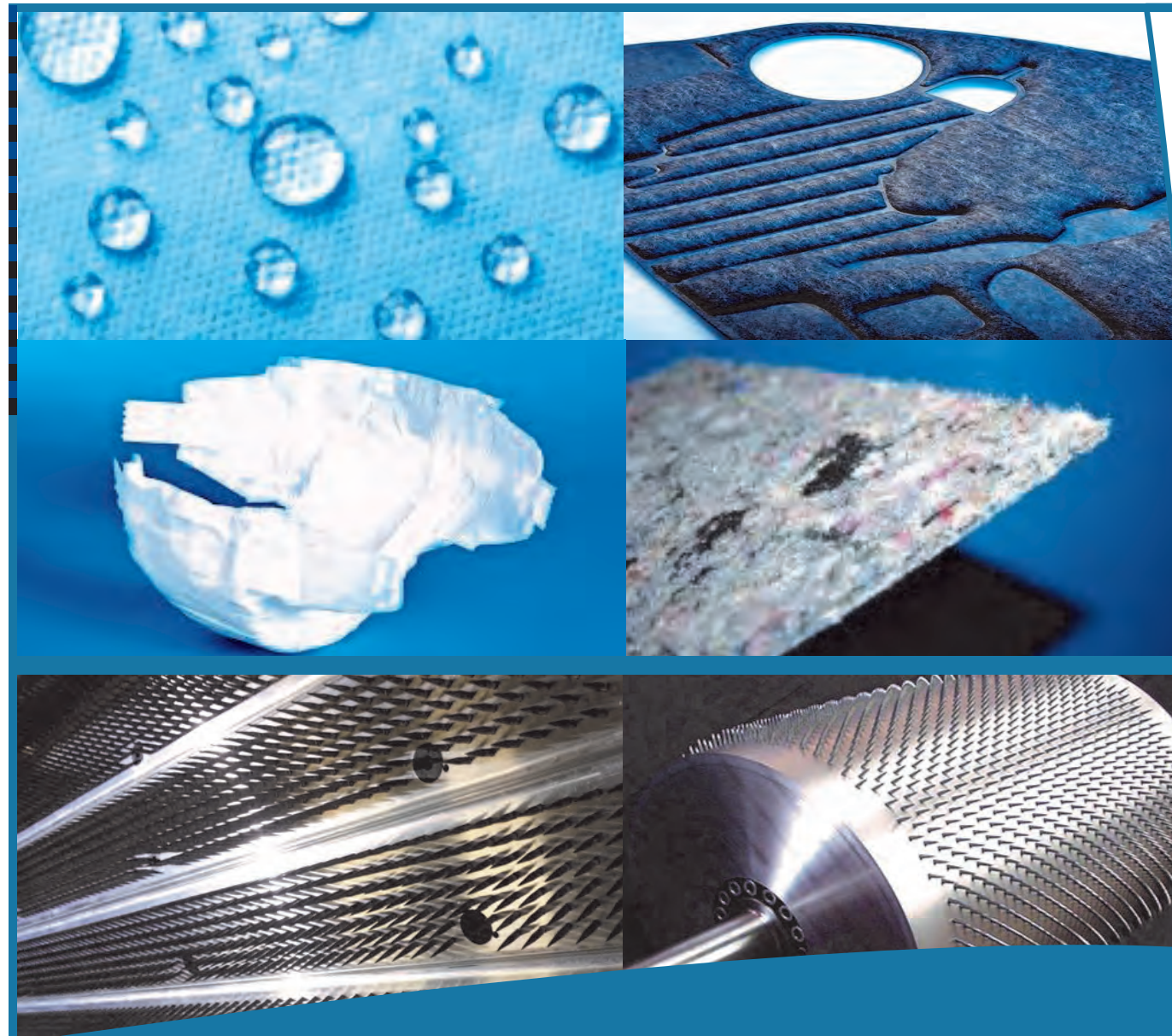
Manufacturer of Fallers for all types of Gill Boxes



Stewarts of America, Inc.

"On the sharp End of Pinpoint Technology"

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Machinery and Parts
for the
Nonwoven Textile Industry



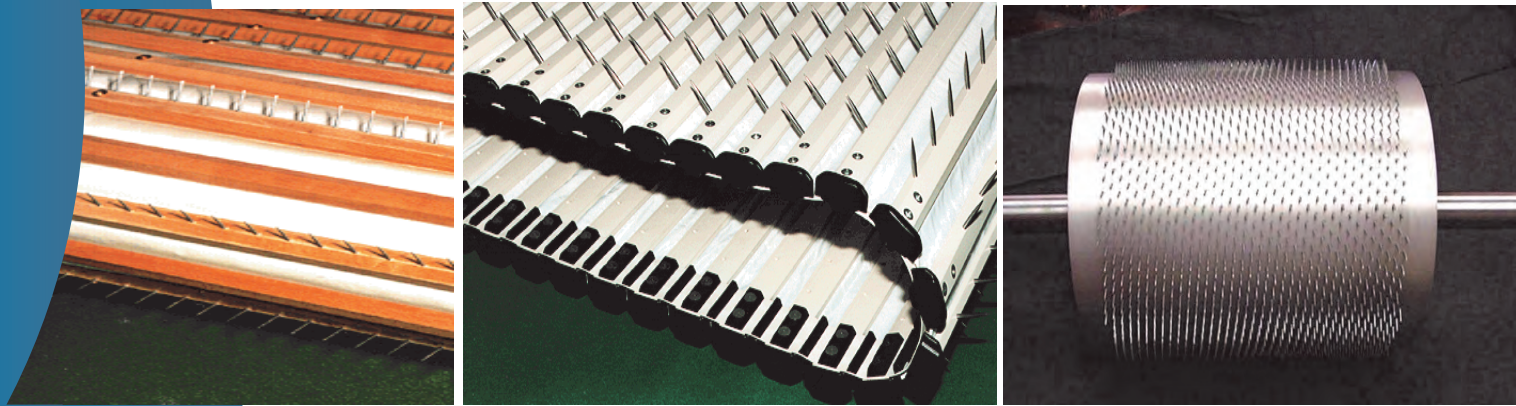
Stewarts of America, Inc.
"On the sharp End of Pinpoint Technology"



Machinery & Parts for Nonwoven Textiles



Pinned product technology for the Non-Woven industry

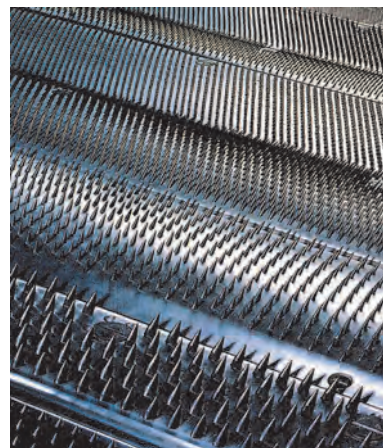


MINI-TRIM OPENING ROLLERS

- For LaRoche, Temafa, Balkan and other OEM machinery
- A wide variety of pin sizes, pin patterns can be used for unique applications
- A wide range of materials can be processed with these style of rollers, including molded non-wovens.
- High RPM are possible
- In house static and dynamic balancing
- Complete mini trim machines also available

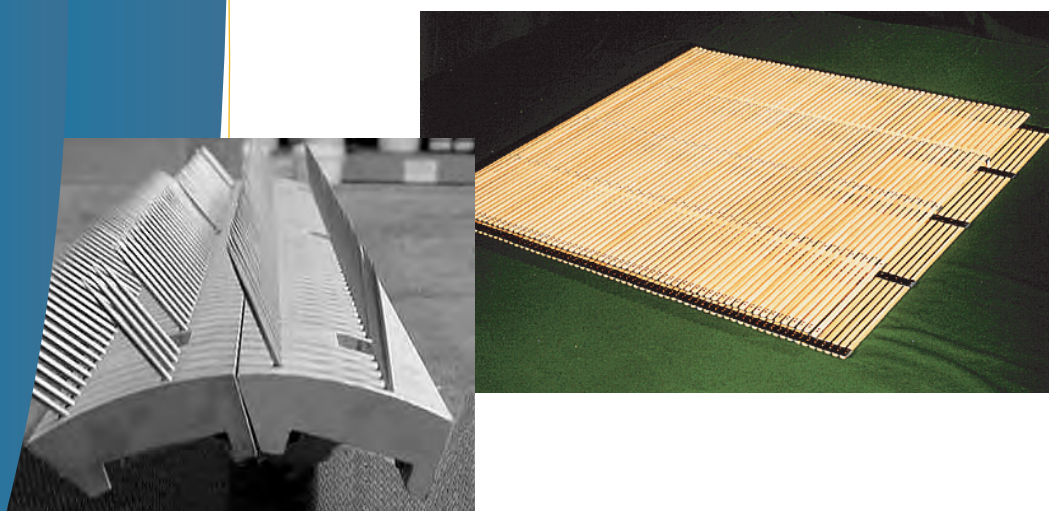
PINNED APRONS

- For all major machinery makers
- A wide variety of pin sizes, pin patterns can be used.
- Wooden, aluminum or plastic materials or a combination
- Aluminum slats are completely re-pinnable time and time again
- Fabricated for simple installation



PINNED WASTE OPENING LAGS

- For all major machinery makers—LaRoche, Balkan, Margasa, Marlasca, Rolando, Autefa, Dell'Orco and Villini, Schirp, Italiano Regenerazione etc.
- A wide variety of pin sizes, pin patterns can be used.
- Upgrade existing wooden lags to aluminum lags
- Aluminum lags will not shatter
- Aluminum lags will not fuel a fire
- Completely re-pinnable time and time again
- Pre-bolt holed for simple installation
- In house installation available if required
- No need to re-balance roller with aluminum lags



CROSSLAPPER LATTICES

- For all major machinery makers
- Plastic, aluminum or wood, or a combination of materials
- Wooden or aluminum slats
- Considered some of the best in the world
- Excellent wear resistance



PINNED PICKER ROLLS

- For Fehrer, Autefa, LaRoche, NSC Schlumberger and other OEM machinery
- Up to 5 meters wide
- Rollers are broken into many lags, so localized pin damage is easily fixed while the roller is still in the machine saving you installation and downtime

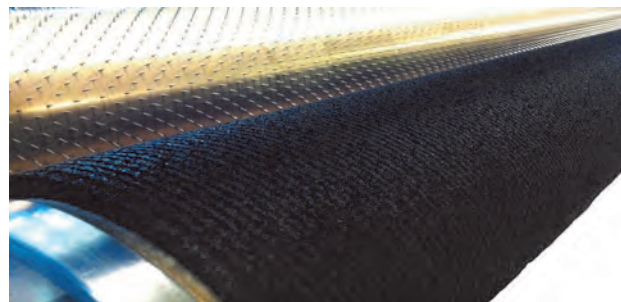


CHUTE FEED BARS AND ROLLERS

- Complete pinned rollers or pinned bars
- Flat or sharp tipped pin
- Any working width
- For all makes and models of machinery

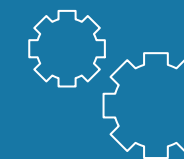
BRUSH SEGMENTS AND ROLLERS

- For all major machinery makers
- Dilo Fehrer Asselin and more.
- Wide range of bristle materials
- Velour brush segments
- Aluminum rails for all needle looms



PERFORATING ROLLERS AND MACHINERY

- Hot pin or cold pin perforating
- Tooling only or complete machinery
- Any working width
- For a wide range of hole sizes and populations
- Increase liquid, air or sound absorbency



CUSTOM SOLUTIONS

Stewarts of America have the ability to design and manufacture a custom pinned product solution for your specific application. Stewarts of America's engineers are well versed in a wide range of materials and the effects that pinned products have on these materials. From non-wovens to films and foils, Stewarts of America are your partners for the *Hole Solution*.



WEB SOLUTIONS

Visit our comprehensive website for a insight of other innovative Pinned Product solutions. Stewarts of America offers the Industry. Sign up for our e-newsletter, or download informative brochures at www.StewartsofAmerica.com



GLOBAL SOLUTIONS

Stewarts of America has agents and offices worldwide. We ship to over 50 countries. Our equipment is designed with the global market in mind, utilizing electronic components that are available internationally, with the support of our Stewarts of America trained knowledgeable local agents.



Pinned product technology for the Non-Woven industry