

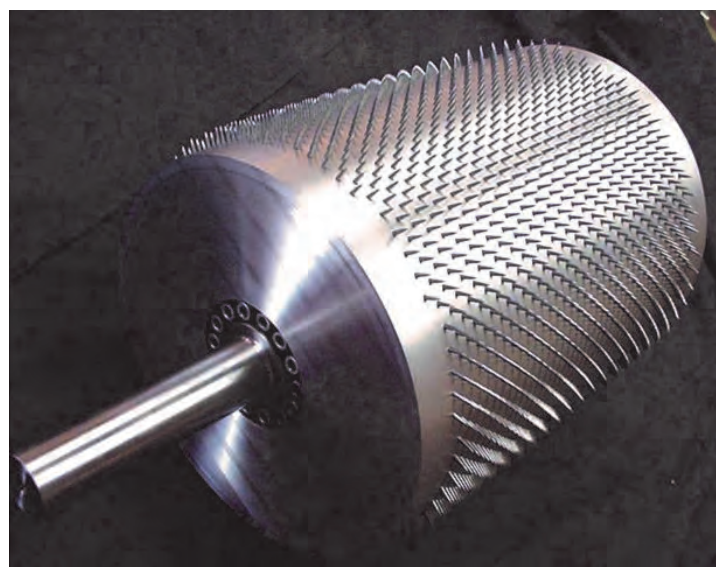
Why Stewarts of America Pinned Products?

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.

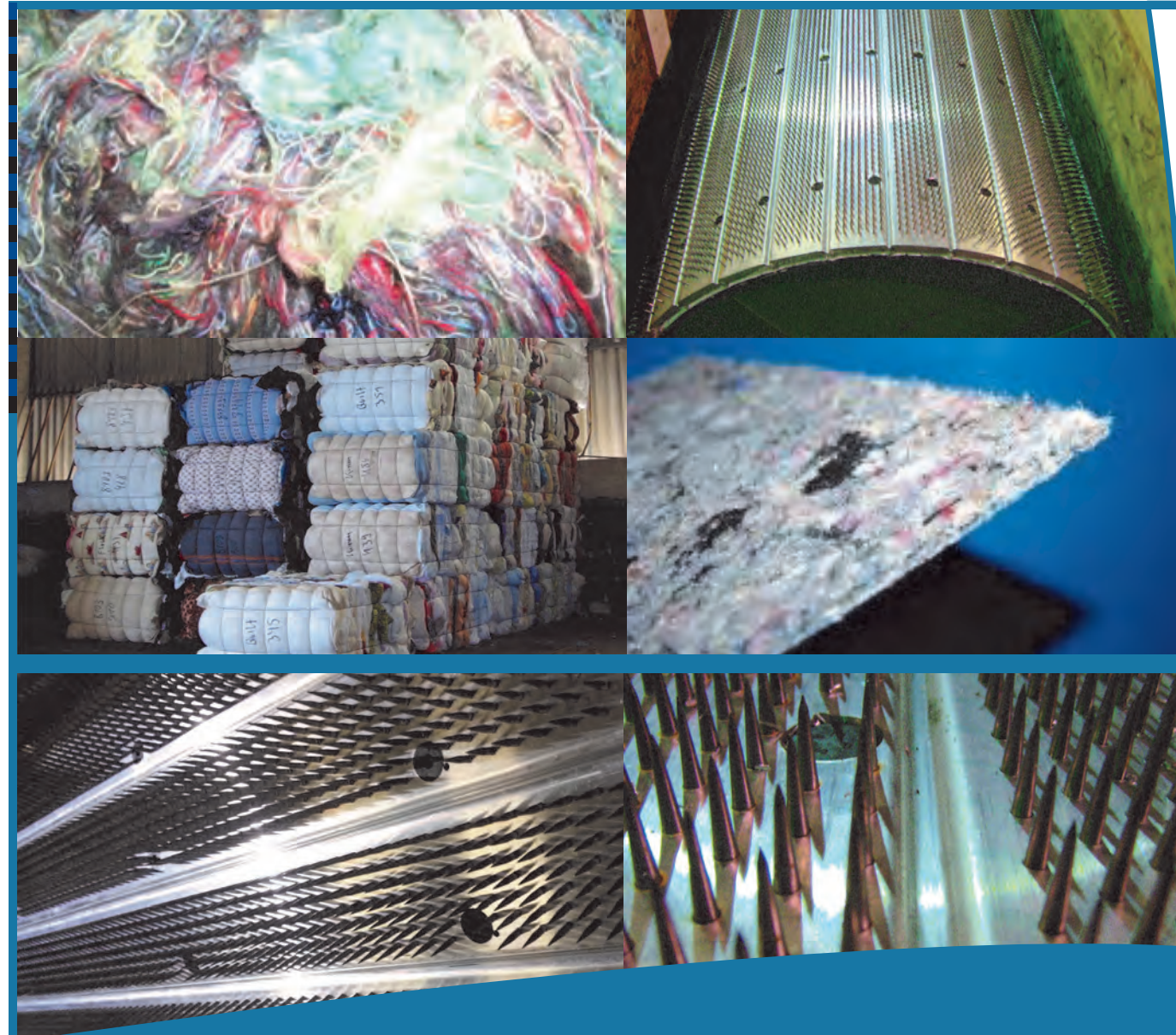
Why Pinned Products for textile applications?

1. Pins are kind to fibers
2. More gentle opening to fibers
3. Improved NEPS and CV
4. Much longer life than wire—up to 20 times !!
5. Localized pin damage can be repaired cost effectively
6. Pinned rollers and bars are re-pinnable! Several times before replacement
7. Pinned rollers are MUCH more lightweight than wire rolls
8. Pinned rollers run at reduced RPM
9. Less wear on motors, belts, pulleys and drives
10. Much easier to replace and transport
11. Lighter to ship = less shipping cost!
12. Pins work well on synthetics, cottons or blends



 **Stewarts of America, Inc.**
“On the sharp End of Pinpoint Technology”

2825 Kemet Way
Simpsonville
South Carolina, 29681
USA
Tel: 1-864-967-7085
Fax: 1-864-967-4361
Em: Sales@StewartsofAmerica.com
WB: www.StewartsofAmerica.com



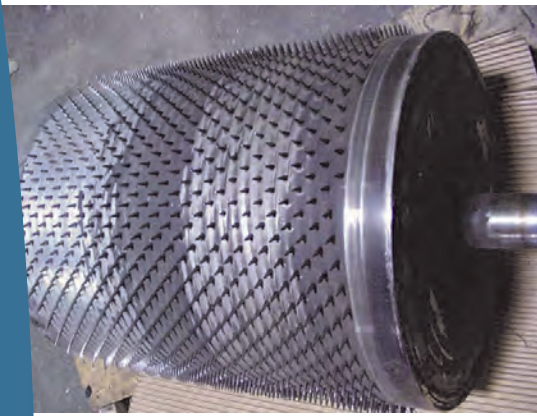
Machinery and Parts
Waste Recycling

 **Stewarts of America, Inc.**
“On the sharp End of Pinpoint Technology”

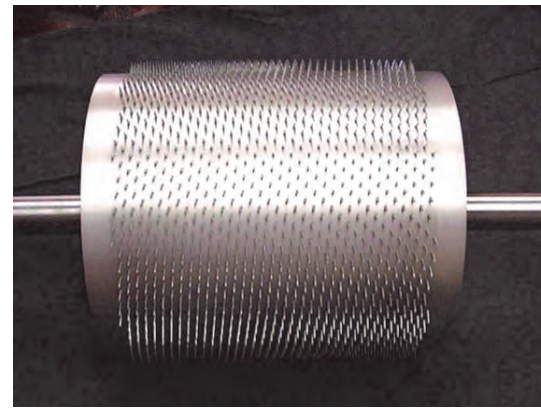


Machinery & Parts for Textile Waste Recycling

Pinned product technology for Textile Recycling



BEFORE



AFTER

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
- Rollers are completely re-pinnable for extended life



RE-PINNING / REPAIR

- Inject new life into your existing pinned roller
- Stewarts rollers can be re-pinned multiple times
- As strong and as productive as a new roller after re-pinning
- Fast turn around
- Cost effective

ROLLER DESIGN OPTIONS

- Stewarts of America can design a roller specific for your needs
- Plastic, aluminum or wood, or a combination of materials
- Cylinder with aluminum pinned lags
- Cylinder with wooden pinned lags
- Aluminum pinned tube rollers
- World class workmanship



WOODEN LAGS

ALUMINIUM LAGS

OR PINNED ROLLERS!

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



SPECIAL LAG DESIGNS

- In house design and manufacture
- Need a special design? No problem!
- Any working width
- For all makes and models of machinery



OFFICIAL AGENTS FOR BALKAN TEXTIL COMPLETE RECYCLING LINES

- Recycling machinery
- Any working width units
- Complete plants for recycling
- Guillotine cutters
- Blending
- Carding
- Waste Opening
- Baling



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



STEWARTS OF AMERICA

2825 Kemet Way
Simpsonville
South Carolina, 29681, USA
Ph: 1-864-967-7085
Fax: 1-864-967-4361
www.StewartsofAmerica.com
Sales@StewartsofAmerica.com