



Rester Ltd

-We create a new life
for textile fibers



Selective and High-Quality Raw Material in Collecting and Sorting Is the Key

Requirements for the raw material

- ◆ B2B
- ◆ Homogenous material / single raw material
- ◆ Large scale
- ◆ Clean
- ◆ Forecastable amounts
- ◆ Known source

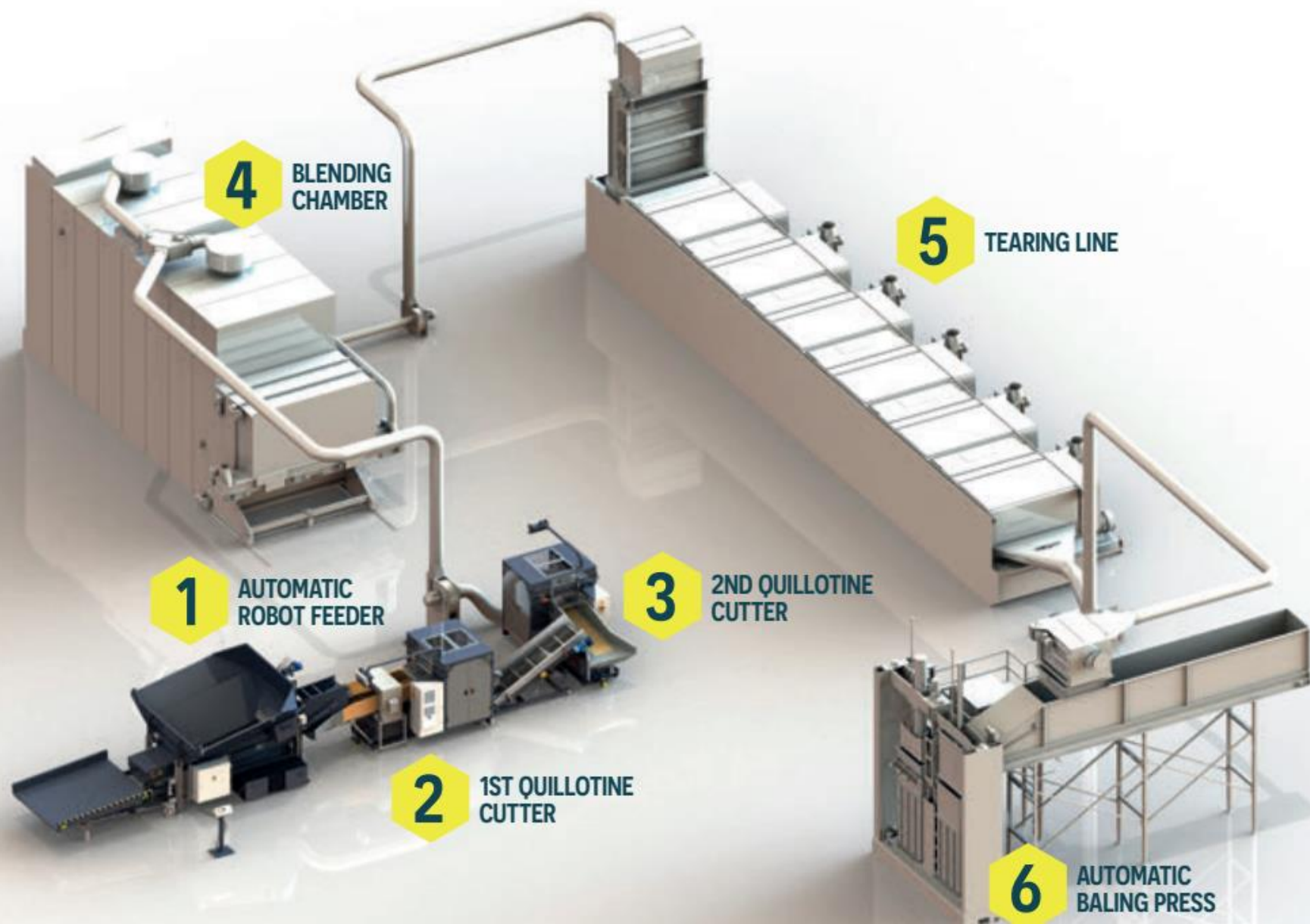


In-coming streams

Laundries
Workwear
Retail left-overs /
2nd quality
Industrial sidestreams



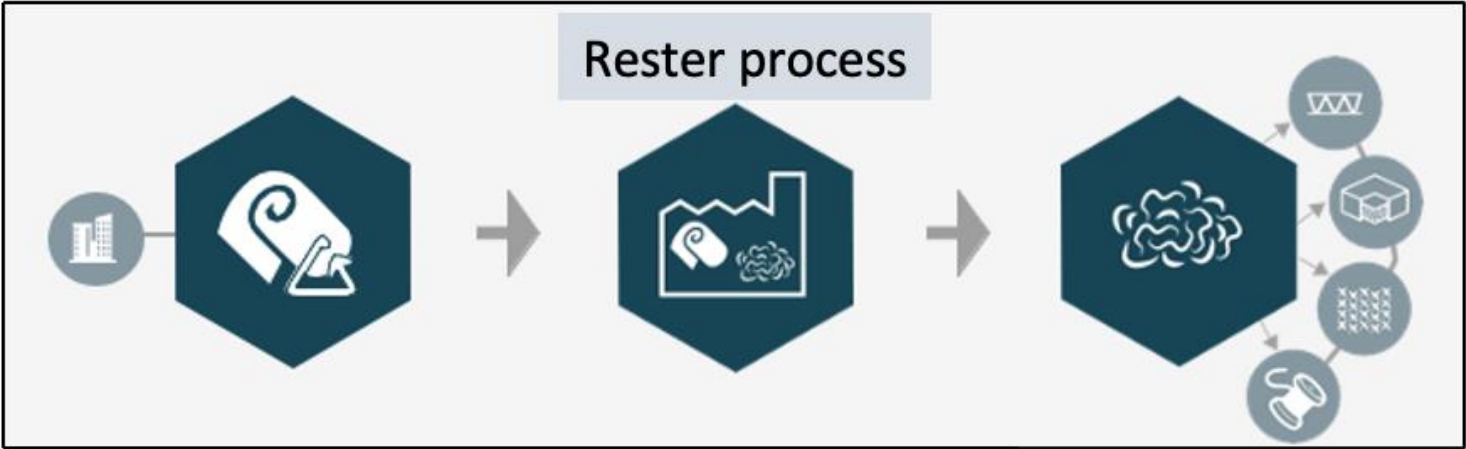
New raw material for industrial usage



RESTER OY



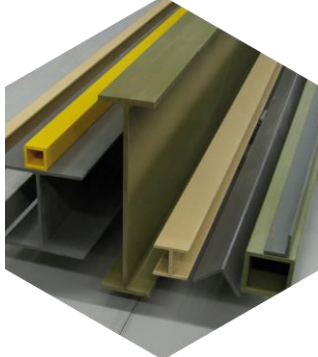
Creating a new life for textiles



End-of-life textile
reception

Mechanical fibre
opening process

From high-quality raw
fibre to end products



Recycling of Textile Fibres Is the Solution



RESTER LTD

*Towards circular
textile industry*

RESTER recycles end-of-life textiles into new raw materials without any water and chemicals

RESTER opened the largest waste textile recycling plant in Scandinavia in October 2021

The Rester process reduces water use and emissions

Per 1 tonne of fiber produced, Rester saves



Water
2,127,500 liters



CO₂
5,170 kg

The background of the slide is a photograph of two hands holding a large, fluffy mass of white recycled fibers. The hands are positioned in the center-right of the frame, with the fingers gently cupping the fibers. The person holding the fibers is wearing a dark blue, ribbed long-sleeved shirt. The background is a soft, out-of-focus grey-blue.

Some examples of Rester
recycled fibers:



Cotton White

- Origin: Bed linen and hand towels
- Machine settings: for spinning >10mm and non-wovens. < 10mm Also dust available 1-3mm.



Polyester cotton white

- Origin: workwear and bed linen
- Machine settings: for spinning and non-wovens. Also dust available.



Polyester cotton colorful

- Origin: light workwear
- Machine settings: non-wovens.



Polyester

- Origin: Laundry bags
- Machine settings: for spinning and non-wovens. Also dust available.



Polyester

- Origin: Work wear
- Machine settings: for spinning and non-wovens. Also dust available.



Mixed material mostly PESCO

- Origin: Heavy workwear including also flame retardants
- Machine settings: non-wovens.



Polypropylene PP

- Origin: Sidestream from indystry
- Machine settings: non-wovens.



PP/PES

- Origin: Sidestream from industry
- Machine settings: non-wovens.

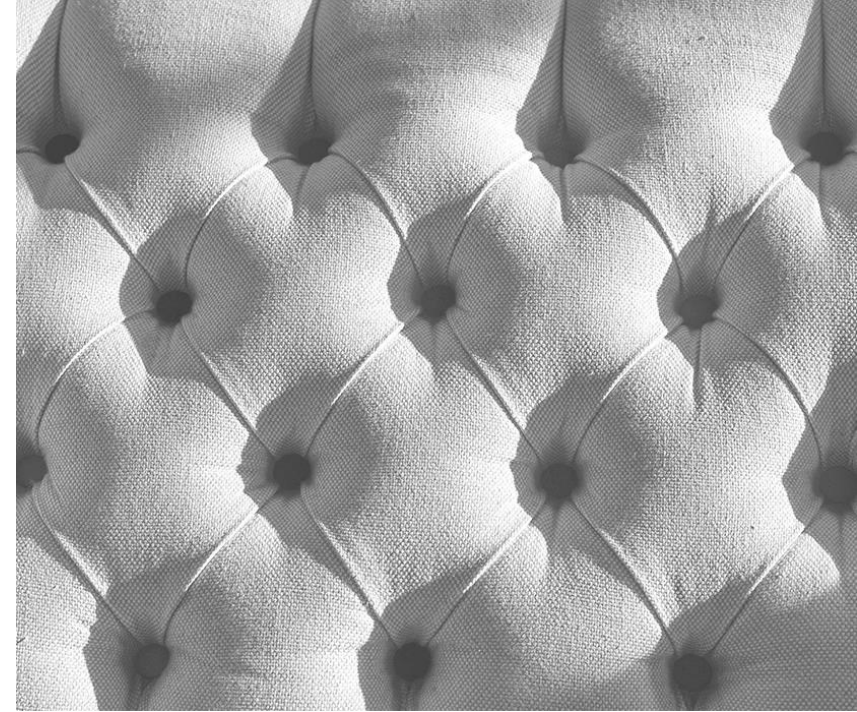


Polyamidi-PA6

- Origin: Sidestream from indystry
- Machine settings: for spinning



Recycled fiberbales





**Welcome to join our ecosystem
supporting smarter textile recycling.**

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