



# TEARING LINE

**TRÜTZSCHLER** SPINNING

# The tearing process

Cutting textile hard waste is the first step. The starting material is cut into small pieces of fabric by two guillotine cutters. In a box room, the material is homogenized and stored in batches. The material is then evenly fed into the tearing machine via the feeding unit. The material is disintegrated into fiber tufts via six cylinders that are equipped with needle bars. The fiber tufts are finally sucked off after the tearing machine and pressed in a bale press.

## Customized

We offer customized tearing lines depending on the customer's specific requirements. Production capacity, number of tearing sections, needle density and heavy part separation are individually configured according to the application requirements of pre- or post-consumer waste. The adjustable settings of the tearing cylinders during operation enable maximum flexibility in production.

## Proven and reliable

Our tearing line has earned its reputation for exceptional performance and reliability in textile markets worldwide. Its established presence is a testament to its quality and consistent results, even in challenging applications like the processing of post-consumer waste.

## Trützschler Premium Service

Our global premium service guarantees swift and efficient delivery of top-quality spare parts. It offers 24/7 local, technical support to address any issues or questions. Our expert team ensures minimal downtime and optimal performance of our machines with reliable solutions tailored to your specific needs.

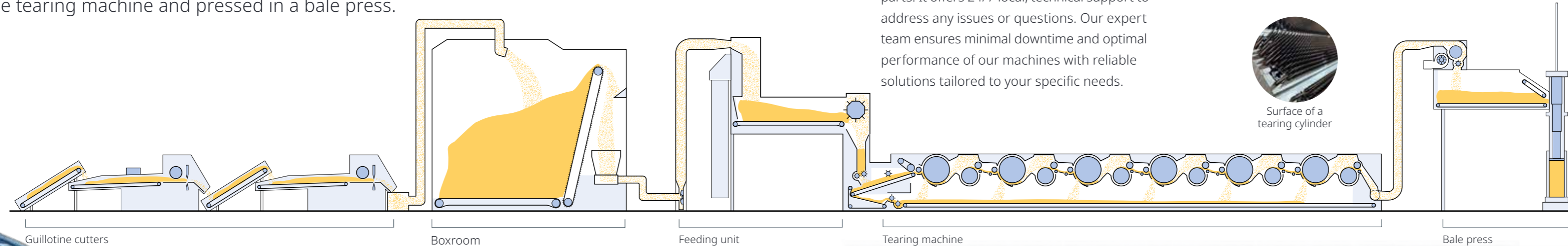
## From waste to value: TRUECYCLED

TRUECYCLED stands for state-of-the-art recycling installations from Trützschler that enable manufacturers to achieve a high-quality end-product from hard textile waste. TRUECYCLED is a complete solution that includes all steps from the cutting and tearing of textile waste to the opening, carding and drawing of these secondary fibers. Thanks to Trützschler's technological expertise and service, all process steps are perfectly integrated and fine-tuned to ensure best results.

Interested in a Trützschler recycling line?  
Please scan the QR-Code!



**truecycled**<sup>®</sup>



# Technical data

Production rate	up to 1,500 kg/h
Working width	1,500 mm
Tearing sections	1 – 6 (customized)
Tearing cylinder diameter	ø 1,000 mm
Customized accessories	Magnet and heavy part separator Fiber lubrication

The tearing line can be configured for processing pre-consumer waste (e.g. threads, fabric clips) and post-consumer waste (e.g. used textiles, dead stock).

**Legal disclaimer:**

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Textile hard waste (pre- or post-consumer)

