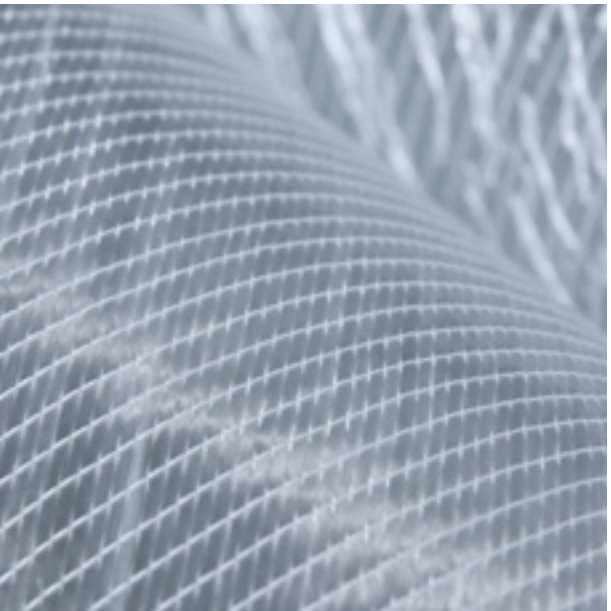
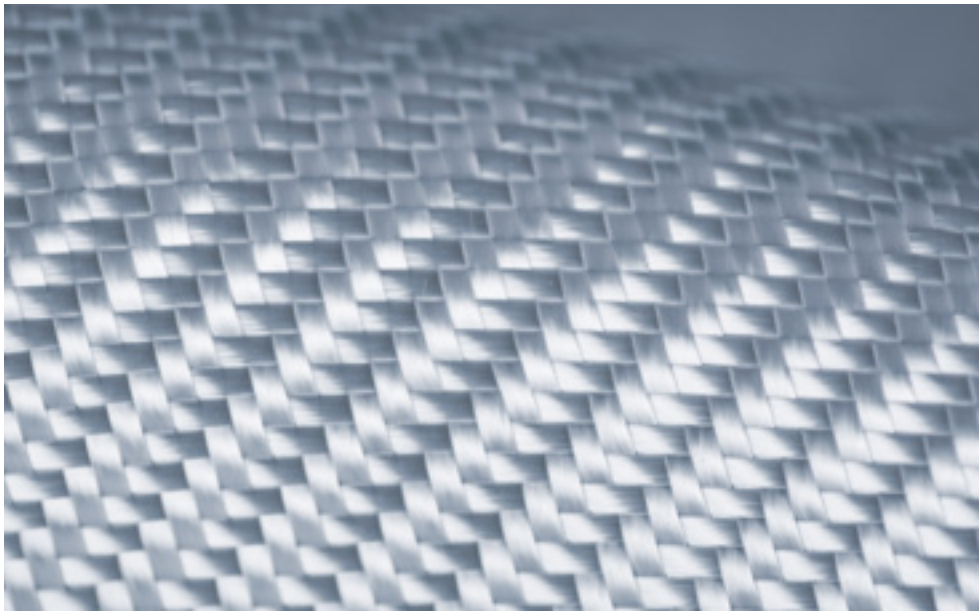
GUNNAR
advanced cutting solutions

GUNNAR WIND SOLUTIONS

Fully automatic cutting systems adapted
to the needs of the wind blade production





PRODUCT INTRODUCTION

Based on its TTC119 cutting system with a proven global track record for being successfully used within the composites and technical textile industry, GUNNAR now offers a fully automatic extended cutting solution especially adapted to the needs of customers cutting long shapes. Typically, two or more such long shapes are cut simultaneously in line for optimized material usage. Just perfect for the manufacturing of blades within the wind energy sector.

A completely automated and fully synchronized production cutting system for streamlined cutting of long fibre parts, including all needed elements such as raw material unwinding, digital cutting and auto uprolling of cut parts.

PRODUCT CHARACTERISTICS CUTTING UNIT

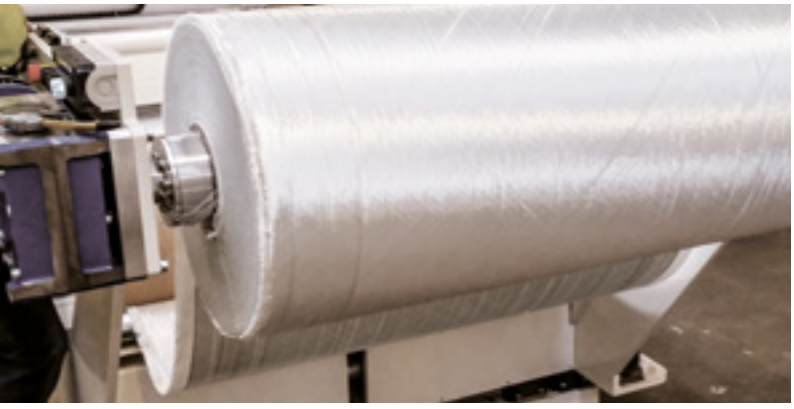
- Optimized for dry fibre cutting, including a fully dust and fibre protected electrical cabinet.
- Possibility to software-wise disable outside line cuts of shapes, enabling the usage of material outside contour as actual outside shape.
- Ability to read and cut shapes based on different file formats such as DXF and optionally PLX, ISO, HPGL and GBR.
- Optionally available safety kit to detect/control operator working areas around the production line.

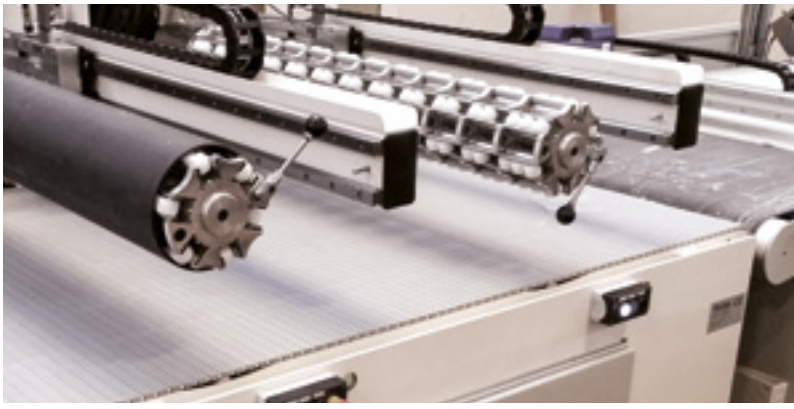
PRODUCT CHARACTERISTICS UNWINDING UNIT

- Ability to hold and feed very heavy raw material roll weights, different core diameters, accessible with forklift or crane for easy roll loading.
- Electrical driven unwinding unit with optical feed usage control for synchronized material feed onto cutter.
- Optical material edge detection and active motor driven feed line correction for continuous straight raw material feed onto cutter.

PRODUCT CHARACTERISTICS UPROLLER UNIT

- Extendable to up to four uproller stations for parallel uprolling.
- Synchronised upwinding of cut shapes onto spindle holding a customized plastic or cardboard sleeve.
- Easy sleeve unloading due to extendable upwinding arm, completely reaching out off table area, fully crane and forklift accessible.





GUNNAR
advanced cutting solutions

GUNNAR International Weissenberger AG
Staatsstrasse 119 | CH-9445 Rebstein | Schweiz
+41 71 775 82 20 | info@gunnar-int.com
www.gunnar-int.com