

# GiOTTO Technologies GENIUM converting line puts innovation into action at Foscart

■ GENIUM line - High-end tissue converting line for consumer and professional products.



GiOTTO Technologies has started up the new GENIUM tissue converting line at Foscart Srl, an Italian tissue converting company with more than 30 years of experience in the tissue industry. The official inauguration took place in November 2024 in Bassano del Grappa (Italy).

by: GiOTTO Technologies Srl



■ Delfino products made by Foscart with GENIUM line.

**G**ENIUM line represents the highest point of innovations reached so far by **GIOTTO TECHNOLOGIES** R&D Department. The advanced technology and the high efficiency of GENIUM converting line has enabled Foscart to expand its product range, both in consumer and professional market, by improving quality and increasing production flexibility. “Foscart is a growing company that strives to increase its market share on the Italian market - Foscart CEO Mr. **Francesco Scalco** says. We needed to expand

“**Competitive, reliable and energy saving tissue converting machines**”

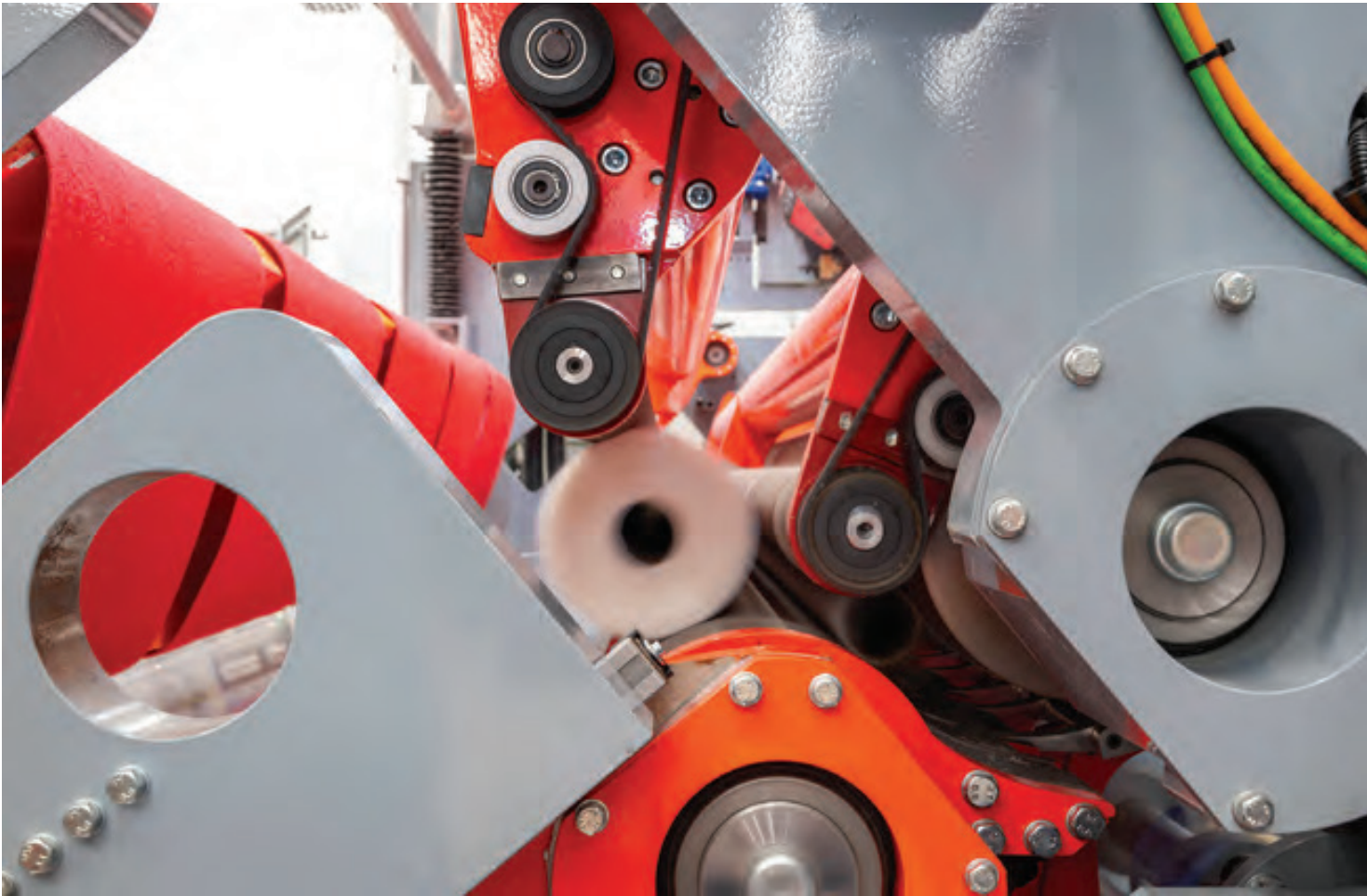
our production capacity with a new converting line and we have decided to take the chance to pioneer these new technologies in order to save energy and reach higher production speed as well top quality of finished products”.

GENIUM line is dedicated to the converting of tissue rolls providing tissue paper properties as extreme softness, high web thickness and optimum winding profile. “The GENIUM line designed for Foscart is equipped with the Tripler embosser, the newest embossing solution with three engraved steel rolls working simultaneously. We were looking

to enhance the quality of 3 ply rolls to approach the market with improved quality. This embosser turned out to be a strategic choice: it allows us to mix and match traditional multi-ply embossing configurations to attain higher diameter and higher bulk without increasing the energy consumption of the embossing process but rather reducing it. Bulk, quality and savings at the same time, all combined!” - says Giotto Technologies.

The Tripler embosser enables up to 8 types of embossing configurations with the same machine; it can be automatically and tool-free set by HMI to launch on the market unique tissue rolls with a combination of different embossing types never seen before. “Foscart production schedule needs to be changed easily and quickly. The whole GENIUM line can be set via HMI panel. Operators receive the “production recipe” from the plant system and the complete line will find the best setting automatically. This is a real advantage, as the quality of the final product is always constant; moreover, operators feel more confident as the line is immediately in the best condition to run. It feels like moving to a new level of up-to-date and industrial organization” - keeps saying Scalco. The GENIUM line stands out also for the Genium rewinder, a cutting-edge machinery with patented exclusive technologies, such as:

- Pick-up glue application system on fly (constant glue quality and no dry cores to remove).
- Cradles adjustment by HMI for a quick and easy core diameter change to produce on the same line consumer and professional rolls: from 20 to 80 mm.



▲ GENIUM Rewinder.  
4 winding rolls with  
double rider roll system.

- 4 rolls winding principle with double rider rolls. During the winding process the log is always controlled by at least three rolls: the first rider roll can pick up the new log basically at its formation so that the transfer is very smooth.
- “Another reason that made Foscart choose the

▼ TRIPLER Laminator.  
Innovative solution  
for 3 ply.

“ Your tissue needs, one **single partner**

GENIUM line is the quantum leap towards the *Industry 5.0* industrial transformation. The GENIUM line is the first tissue converting line controlled by Siemens automatization and control platform that allow to monitor efficiency and performances production data and guarantee line safety during operations. Operators' safety is always our number one priority and GENIUM is built according to the highest levels of safety standards in the market” - concludes Scalco.

The GENIUM line introduces the latest generation of Torque motors for the first time in the tissue converting sector. Torque motors reduce the need for mechanical transmissions like gearboxes, belts and speed reducers: it means less energy consumption, less maintenance and less risk of breakage and, at same time, consistent power, improved energy efficiency and reduced operating costs during the converting process.

The GENIUM line is a reliable and energy-efficiency equipment; the right choice for tissue converting companies who are looking for innovative solutions to meet the challenges of the market in compliance with sustainability criteria, cost control and product quality. ■



■ GENIUM line  
sample products.

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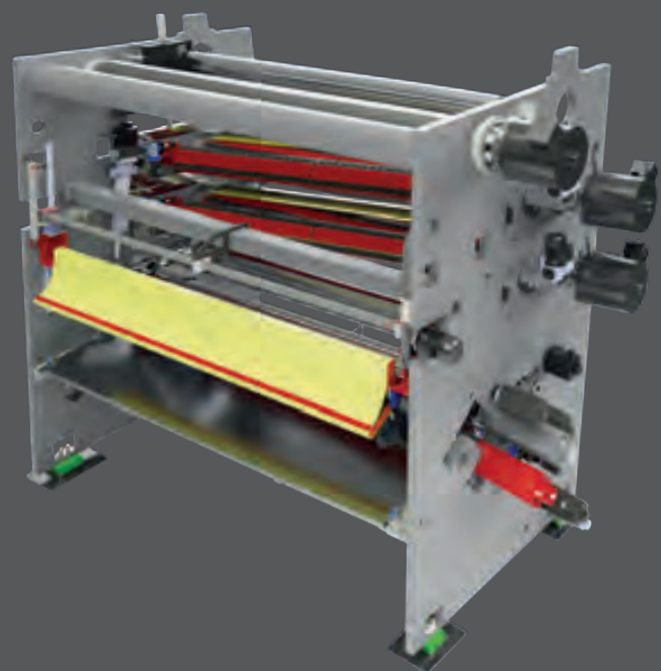
# The Tripler Advantage

**BULKIER<sup>®</sup>**  
& SOFTER

**BETTER**  
& SMARTER WINDING

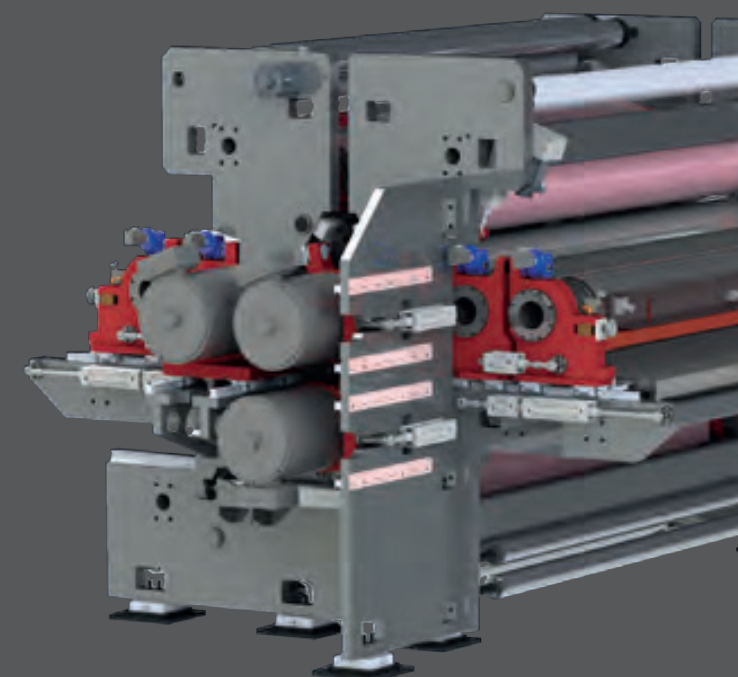
**GREENER**  
& LONGER LIFETIME

## GENIUM LINE



### GENIUM REWINDER

Double rider rolls winding system, the log is controlled by 3 rolls



### TRIPLER EMBOSSER

Embossing solution with 3 engraved steel rolls working simultaneously

**DISCOVER HOW** Giotto Technologies' converting lines are your **right choice** for optimizing operating costs while maintaining superior product quality.

**DISCOVER MORE** about our solutions [giottotechnologies.com](http://giottotechnologies.com)

