



TERROT INNOVATION TICKER

MATTRESS



powered by Terrot:

DOUBLE ELECTRONIC
JACQUARD MATTRESS
MACHINES

- UCC 672-ME
- UCC 572-ME
- UCC 572-TRME

Issue
No.07





Every great night's sleep begins long before the mattress is made. It starts with the fabric, the first thing a customer feels, the surface where comfort meets design. In a market where sleep is sold as a luxury, your mattress ticking is more than a cover, it's your signature.

Terrot double-electronic mattress circular knitting machines give you the power to weave that signature into every stitch.

With precision technology, limitless pattern freedom, and the ability to combine beauty with performance, you can craft fabrics that aren't just part of the mattress, they are the story your brand tells.

From intricate 3D textures that invite the touch, to sustainable yarns that reflect your values, we help you turn your vision into a tactile promise: Comfort, quality, and distinction, night after night.



The global market for mattress ticking is experiencing strong, sustained growth, driven by:

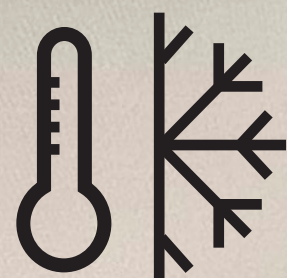
- Rising awareness of sleep quality: Consumers demand ergonomic, breathable, and skin-friendly fabrics
- Premium & hybrid mattress boom: Growing preference for fabrics with intricate 3D patterns, multi-tone effects, luxurious textures, and advanced cooling properties
- E-commerce growth: Mattress brands differentiate through fabric aesthetics and functionality
- Health & sustainability trends: Growing demand for certified, eco-friendly textiles that promote healthier living, while being recyclable and safe for both people and the planet





FORECAST HIGHLIGHTS

- Annual growth of 6-8 % for high-quality mattress fabrics in Europe & North America
- Growing need for design flexibility and rapid development cycles to respond to seasonal trends in color, texture, and pattern



MACHINE LINE-UP UCC 672-ME

- Type: Double-electronic circular knitting machine with a 3-way dial selection unit, offering enhanced flexibility for textile fabric design
- Capabilities: High gauge knitting for fine detail combined with voluminous textures
- Technology: Dual electronic Jacquard control for complex patterns and flexible repeat sizes
- Applications: Premium mattress covers with 3D relief, zoned structures, and multi-color transitions, mattress toppers and ergonomic memory foam pillows





MATTRESS FABRIC SAMPLES UCC 672-ME



MACHINE LINE-UP UCC 572-ME

- Type: Double-electronic machine, ideal for specialized patterns and targeted production runs, 2-way selection unit in dial
- Strengths: High-speed operation with consistent fabric quality
- Applications: Standard-to-premium covers featuring intricate, multi-color designs for volume production, mattress toppers and ergonomic memory foam pillows

MACHINE LINE-UP UCC 572-TRME

- Type: Double-electronic machine with integrated transfer function for real transfer holes
- Strengths: Enables creation of 3D surface patterns, seamless zone transitions, and innovative textural effects
- Applications: Standard-to-premium covers featuring intricate multi-color designs for volume production, mattress toppers and ergonomic memory foam pillows

TECHNOLOGY ADVANTAGES

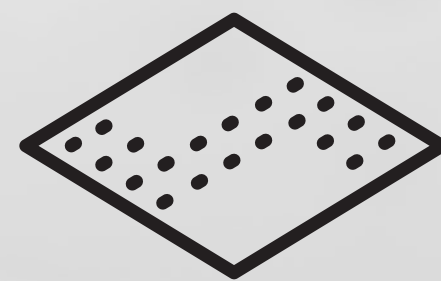
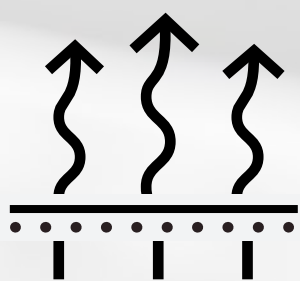
- **Fully electronic-jacquard control:** Instantly switch designs without mechanical adjustments
- **Dual system knitting:** Enables the simultaneous production of complex patterned surfaces while ensuring maximum machine efficiency
- **Advanced yarn handling:** Process cotton, polyester, viscose, Tencel™, and technical yarns with ease
- **Energy-efficient drive technology:** Reduced power consumption, lower operating costs
- **User-friendly design software:** Direct data transfer from pattern preparation software (PAINT TERROT) to machine for faster design-to-production turnaround



INNOVATION IN MATTRESS FABRICS



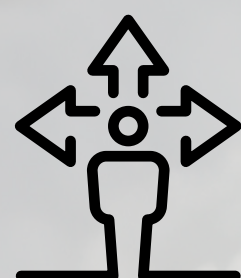
- 3D knitting for integrated ventilation channels and zoned comfort
- Functional yarns with antimicrobial, cooling, and moisture-regulating properties
- Recycled & bio-based fibers meeting global eco-certification standards
- Multi-color patterning
- Hybrid surface structures: Smooth sections combined with voluminous jacquard areas for premium tactile appeal



MANUFACTURE BENEFITS



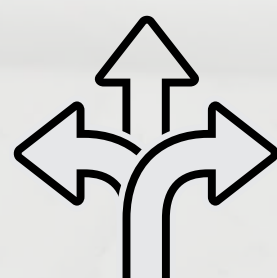
- **Faster time-to-market:** New designs ready for production within hours
- **High flexibility:** From standard collections to bespoke premium lines on the same machine
- **Operational efficiency:** Minimal setup time, maximum output
- **Design diversity:** Deliver unique fabrics that strengthen brand identity and customer loyalty



YOUR COMPETITIVE EDGE



- Faster market entry with flexible production
- Maximized ROI via multi-purpose machine use
- Unique product offerings to stand out in a crowded market
- For years, we have shaped production, driven by the unrivalled durability that has made Terrot a trusted partner



READY TO EXPERIENCE THE FUTURE OF TERROT TEXTILE INNOVATION?

Contact our Innovation Lab to explore how Terrot circular knitting machines and our cutting-edge solutions can elevate your products to the next level.

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