

TERROT AT CAITME 2024

Listen to the sound of our I3P 196 interlock blockbuster.

PRESS RELEASE

Chemnitz, September 4, 2024

Event date: Wednesday, 11 September - Saturday, 14 September 2024
Venue: Atakent | IEC UzExpoCentre 107, Amir Timur Street 100047
Tashkent | Uzbekistan



new textile horizons.

TERROT TEXTILMASCHINEN GMBH TO SHOWCASE HIGHLY DEMANDED I3P 196 AT CAITME 2024

Chemnitz, September 4, 2024 – Terrot Textilmaschinen GmbH, a pioneer in textile machinery innovation, is excited to announce its participation in the Central Asian International Textile Machinery Exhibition (CAITME) 2024. Following the tremendous customer demand and success at ITM 2024, we are proud to present our flagship product, the I3P 196, at this esteemed event.

CAITME is the premier specialized international exhibition for textile and clothing industry technologies in the Central Asian region. It stands as the largest exhibition of its kind in the CIS region, showcasing the latest innovation trends and achievements in textile machinery engineering and technologies.

Attendees at CAITME 2024 will have the exclusive opportunity to witness the groundbreaking features that have made the I3P 196 a market leader. Terrot sales team, innovation lab experts and Textima team will be available to provide demonstrations and answer any questions. You are cordially invited to visit **TERROT TEXTILMASCHINEN TERROT BOOTH F44-1 | GERMAN NATIONAL PAVILION**. A highlight at our stand will be live demonstrations of our interlock blockbuster I3P 196 open width frame (diameter 34", gauge E24, number of feeders: 108) with Smartex system.

The I3P 196 is a highly productive and flexible circular knitting machine producing „8-lock“, interlock and modified structures such as double face, punto di roma, milano rib, piqué rodier and also racer mesh with maximum efficiency. Equipped with up to 4 needle tracks in cylinder cam and 2 needle tracks in dial cam the I3P 196 promises maximum flexibility and a wide range of pattern options.

NEW AVAILABILITY: We are also excited to announce that I3P 196 is now available in a 26" open width frame, further enhancing its versatility and appeal to a broader range of applications.

As already at ITM Istanbul we will be teaming up in our booth with Smartex, who provide among others a state-of-the-art AI driven error detection system.

“We are thrilled to bring the I3P 196 to CAITME 2024,” said Martin Vorsatz, Managing Director of Terrot Textilmaschinen GmbH. “The overwhelming response and high demand we experienced at ITM 2024 have been phenomenal. I3P 196 has captivated the industry with its state-of-the-art technology and exceptional performance, setting a new benchmark for circular knitting machines.”

MACHINE MODEL I3P 196

ADVANTAGES AT A GLANCE

- Highly productive knitting machine with a maximum speed factor of 1,050
- Terrot's latest answer to market needs: most productive machine for „8-lock“ structures (3.2 feeds per inch)
- Large gauge spectrum (up to E50) and timing delay up to 4 mm
- High quality elastane plating in all variations
- Flexible application with spacer (height up to 4.5 mm) and fine gauge conversion kits
- Quick and easy gauge change



Machine model I3P 196

Deviations are possible and all items are subject to technical changes. Illustrations may show accessories that are not included in the standard version.

MACHINE MODEL I3P 196

TECHNICAL DETAILS OPEN WITH FRAME

Diameter [inch]	26 ^{NEW!}	30	32	34	36
Feeders	82	96	102	108	116
Speed up to [rpm]	33	33	32	30	29
Speedfactor [max]	860	990		1050	
Gauges ¹ [E]	18-50				
Knitting technology	Mechanically controlled, elastane plating				
Possible structures	Fine rib interlock double face spacer racer mesh				
Fabric application	Sportswear leisure wear fashion technical textiles automotive home textiles				

¹ From E40 only interlock

TECHNICAL DETAILS TUBULAR-FRAME

Diameter [inch]	30	32	34	36	38
Feeders	96	102	108	116	122
Speed up to [rpm]	35	32	30	29	27
Speedfactor [max]	1050				
Gauges ¹ [E]	18-50				
Knitting technology	Mechanically controlled, elastane plating				
Possible structures	Fine rib interlock double face spacer racer mesh				
Fabric application	Sportswear leisure wear fashion technical textiles automotive home textiles				

¹ From E40 only interlock

STANDARD CONFIGURATION FOR I3P MACHINES

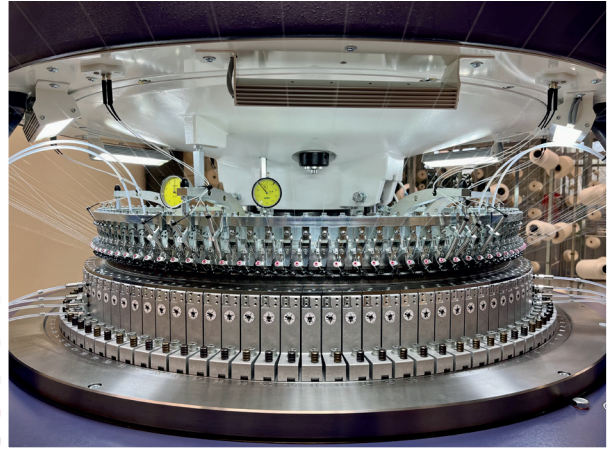
	Terrot control	Thread feed
Standard equipment	User-friendly and easy-to use control panel with different functions: <ul style="list-style-type: none"> • Online connection via web application • Electronically controlled take down 	Positive feeding unit type MPF (optional MRA drive possible) <ul style="list-style-type: none"> • Ceramic yarn carriers • Elastomeric plating equipment with MER



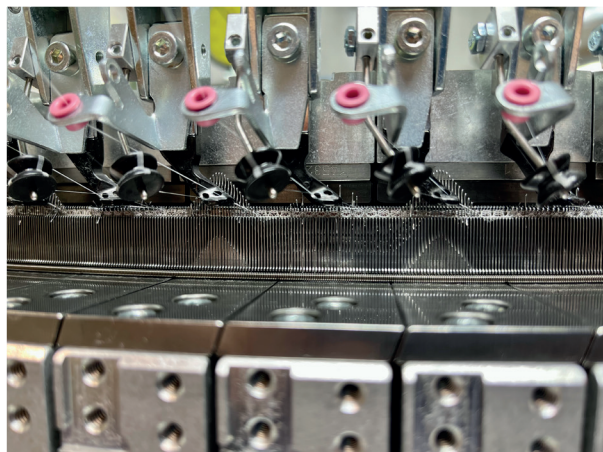
MACHINE VIDEO



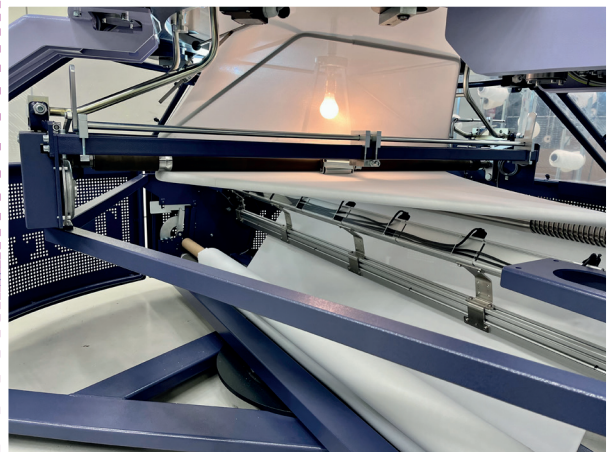
Open width frame with Smartex system



Knitting head



Detail knitting head

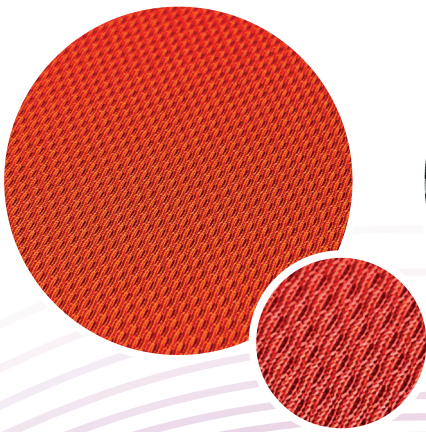


Open width take down

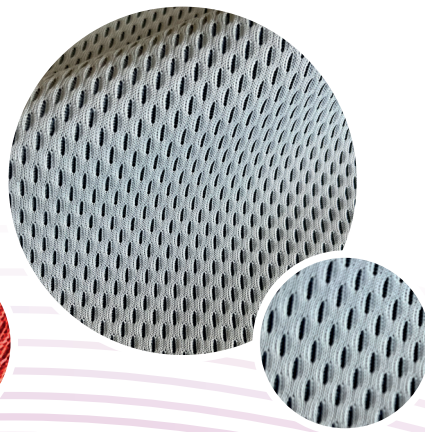
PRODUCTION EXAMPLE I3P 196 FOR 34 INCH AND 30 RPM [UNFINISHED 85%]

Structure	Gauge [E]	Yarn	Weight [g/m ²]	Production [m/h]	Production [kg/h]
Fine rib	18	Cotton Nm 50/1 (Ne 30/1)	168	91.80	29.78
Punto di roma	24	Cotton Nm 60/1 (Ne 36/1)	225	45.90	22.70
Interlock plated	28	Polyester dtex 76f24 (den 68f24) Elastane dtex 22 (den 20)	157	34.40	10.37

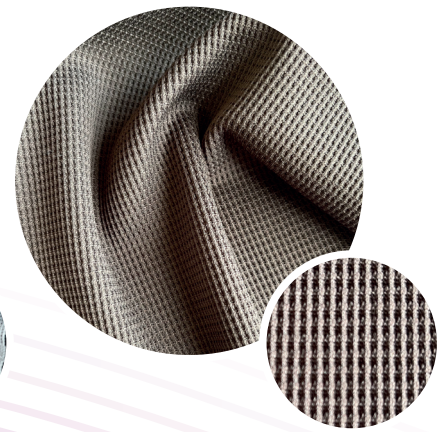
FABRIC SAMPLES



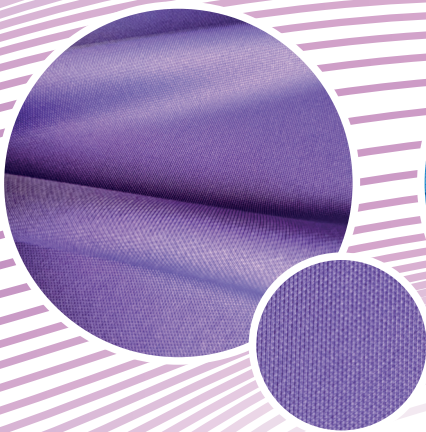
Racer mesh



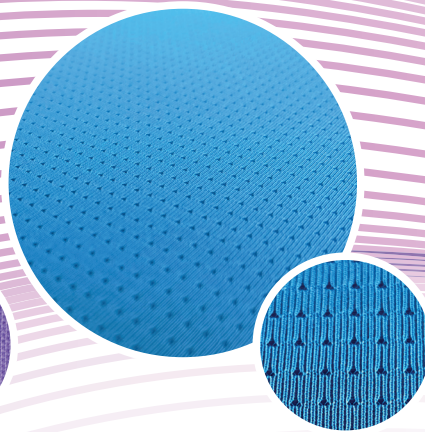
Spacer



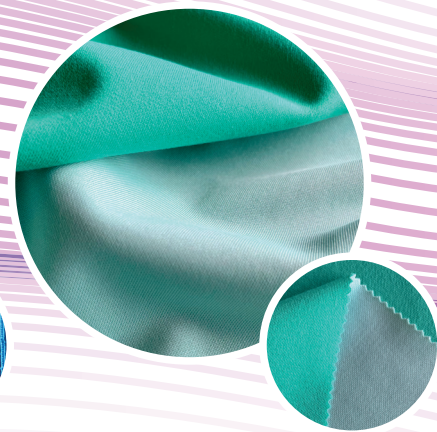
Waffle



Piqué rodier



Spacer



Double face fabric

MACHINE SPECIFICATION AT CAITME

Diameter 34"
Gauge E24
Number of feeders 108

Needle selection dial Mechanic selection, 2 needle tracks
Needle selection cylinder Mechanic selection, 4 needle tracks
Knitting structure Double face elastane plated

ABOUT TERROT TEXTILMASCHINEN GMBH

For over 160 years, Terrot has been a premium partner to the textile industry worldwide. With its Terrot and Pilotelli product lines, the company is present in 120 countries. The innovative circular knitting machines offer the most flexible solutions for different customer requirements. The trademark and Unique Selling Points of Terrot are highly efficient, durable and particularly versatile circular knitting machines with the focus on high-quality products and services. The product range extends from the finest single and double jersey circular knitting machines to highly developed electronic double jacquard machines. Top manufacturers and well-known brands from all over the world produce their knitted fabrics for sports, leisure and fashion industries on Terrot machines. Mattress covers, home and technical textiles, including those for the medical and automotive sectors, are also produced on Terrot circular knitting machines. A network of more than 50 qualified sales agencies guarantees the worldwide contact and professional support of customers, the service of existing machines, the supply of spare parts as well as the commissioning of new machines.

<https://www.terrot.de>

ABOUT SANTONI SHANGHAI

Established in 2005, Santoni Shanghai Knitting Machineries Co., Ltd. offers a full range of innovative textile knitting products and solutions to its customers. With two decades of journey, its business expanded with multidimensional organic growth and through acquisitions. Today Santoni Shanghai owns several circular knitting machines brands, particularly JingMei for the large diameter, Hengsheng for the mid and SOOSAN for the small diameter before adding up Terrot and Pilotelli, both focused on large diameter production. Fueled by this enormous combination of capabilities Santoni Shanghai aims to take the experience of its customers to a different level with the development of the ecosystem that offers a Knitting Platform for the intelligent manufacturing plant, “Materialliance” a portal connecting designers and makers, an Innovation Lab, C2M solutions like the recently launched “MyKnit” program, and Textile Automation offerings.

<https://www.santoni.cn/>

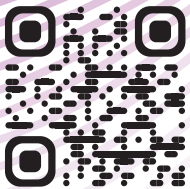
CONTACT US

Terrot Textilmaschinen GmbH

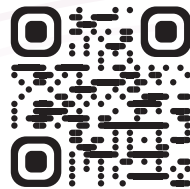
Paul-Gruner-Straße 72 b | 09120 Chemnitz | GERMANY

Phone: +49 371 5201- 0

Fax: +49 371 5201- 200

www.terrot.deinfo@terrot.de**PRESS CONTACT**Terrot corporate communications | Mrs. Uta Weber | press@terrot.deTHIS IS HOW
TERROT SOUNDS

PRODUCT RANGE



TERROT TEXTILMASCHINEN GMBH

Paul-Gruner-Straße 72 b | 09120 Chemnitz | GERMANY

+49 371 5201-0 | info@terrot.de | www.terrot.de

PREMIUM QUALITY



MADE IN GERMANY