

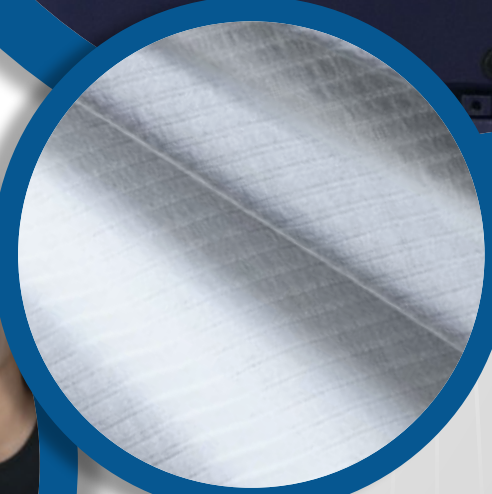
I3P 584

Terrot technology for "8-lock", interlock and modified structures

The I3P 584 is an all-rounder and creates typical "8-lock", interlock and modified structures like punto di roma, milano rib and piqué rodier in a high quality.

Equipped with up to 4 needle tracks in cylinder cam and 2 needle tracks in dial cam the I3P 584 promises utmost flexibility and a wide range of pattern options.

The meaning of I3P is interlock in 3 positions – knit, tuck and miss – and results in a flexible application for the production of outerwear textiles.



- Flexible and productive knitting machine
- Large gauge spectrum and timing delay up to 5 mm
- Reliable elastane plating in all variations possible
- Flexible application with spacer and fine gauge conversion kits
- Quick and easy gauge change

I3P 584

Terrot technology for "8-lock", interlock and modified structures



The I3P 584 is a reliable machine model for flexible production requirements and fine gauge fabrics.

Advantages at a glance

- Made in Germany – maximum efficiency and precision
- 2.8 feeds per inch and a maximum speedfactor of 1,050 guarantee a high output
- Precise adjustment of delayed or synchronized timing with an impressive timing delay up to 5 mm for dimensionally stable and durable fabrics
- Especially recommended for synthetic fine gauge fabrics
- Great flexibility and large pattern range with up to 4 needle tracks in cylinder cam and 2 needle tracks in dial cam
- High quality elastane plating in all variations
- Use of easily accessible and cost-effective needles
- Well-equipped for different market requirements with different conversion kits for spacer and fine gauge fabrics
- Quick and easy gauge exchange with minimal effort – little time and manpower

Technical details

Diameter [inch]	30	32	34	36	3
Feeders	84	90	96	102	10
Speed up to [rpm]	35	32	30	29	2
Gauges [E]	18 – 50				
Speedfactor [max.]	1050				
Knitting technology	mechanically controlled, elastane plating				
Possible structures	Fine rib, interlock, double face, spacer				
Fabric application	Outerwear, technical and home textiles				

Standard configuration for all I3P machines

	Thread feed
Standard equipment	<ul style="list-style-type: none"> ■ Positive feeding unit type MPF 20 L1 ■ Ceramic yarn carriers ■ Elastomeric plating equipment with MER

Available frames

Tubular frame	Industrial frame	Open width frame
C-frame for 500 mm fabric rolls	C-frame for 800 and 1,100 mm fabric rolls	D-frame for 400 and 600 mm fabric rolls
Electronically controlled fabric take-down with different additional options – suitable for every production requirement: <ul style="list-style-type: none"> ■ Cutting device ■ Doffing device for industrial frame 		Fabric take-down for cut edge fabrics to prevent centre lines with an additionally available cutting device

Production example I3P 584 for 34 inch and 30 rpm [unfinished, 85 %]

Structure	Gauges [E]	Yarn	Weight [g/m ²]	Production [m/h]*	Production [kg/h]*
Fine rib	18	Cotton Nm 50/1	168	81.6	26.32
Interlock	28	PES dtex 110f36 S	165	56.5	12.5
Piqué rodier	28	PES dtex 70f100 / PES dtex 75f36	110	36.72	7.70
Full Plated Interlock	46 [20 rpm]	PES dtex 39f24 / EL dtex 15	142	17.6	5.02

*Final efficiency of the machine and in the production is related to the quality of the yarn, adjustment of the machine and general condition and circumferences at customer's knitting plant