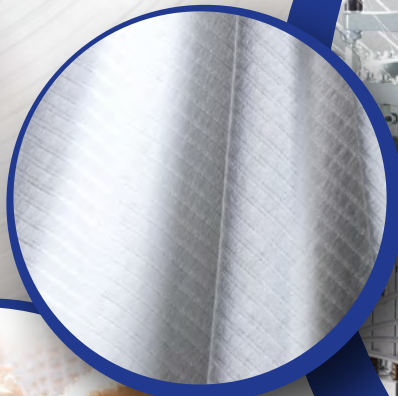


I3P 584

Terrot 8-lock technology for interlock and modified structures



The 8-lock machine I3P 584 is an all-rounder and creates typical 8-lock structures like interlock, punto di roma, milano rib and piqué rodier in a high quality. Equipped with up to 4 needle tracks in cylinder and 2 needle tracks in the cam box 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 8-lock technology for interlock and modified structures

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

Technical details

Diameter [inch]	30	32	34	36
Feeders	84	90	96	100
Needle number [E24]	2,256	2,400	2,568	2,712
Gauges [E] ¹	18 – 46			
Speed up to [rpm]	35	33	31	29
Speedfactor [max]	1,050 SF			
Knitting technology	8-lock machine, elastane plating			
Possible structures	Rib, interlock, double face, spacer			
Fabric application	Outerwear, technical and home textiles			

Advantages at a glance

- Made in Germany – maximum efficiency and precision
- 2.8 feeds per inch and a maximum speedfactor of 1,050 SF 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 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

Production example I3P 584 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	168	81.60	26.32
Interlock	24	PES dtex 110f36 S	165	40.80	11.17
Piqué rodier	28	PES dtex 70f100 / PES dtex 75f36	110	36.72	7.70

Standard configuration for all I3P machines

	Terrot control	Thread feed
Standard equipment	User-friendly and easy-to-use control unit with different functions: <ul style="list-style-type: none"> • Pre-selector counter for variable roller sizes • Shift counter • etc. 	<ul style="list-style-type: none"> • Positive feeding unit type MPF 20 L1 • Ceramic yarn carriers • Elastomeric plating equipment with MER

Available frame types

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

¹ From E40 only interlock
 Deviations are possible and all items are subject to technical changes. Illustrations may show accessories that are not included in the standard version.