

I3P 196

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

The I3P 196 is a highly productive knitting machine and creates "8-lock", interlock and modified structures like punto di roma, milano rib and piqué rodier 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.

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



- Highly productive knitting machine
- Most productive machine for "8-lock" structures (3.2 feeds per inch)
- Large gauge spectrum and timing delay up to 4 mm
- Reliable elastane plating in all variations possible
- Flexible application with spacer and fine gauge conversion kits
- Quick and easy gauge change

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The I3P 196 combines profitability and a wide range of different pattern options in large quantities.

Advantages at a glance

- Made in Germany – maximum efficiency and precision
- 3.2 feeds per inch and a maximum speed factor of 1,050 guarantee maximum productivity
- Precise adjustment of delayed or synchronized timing with an impressive timing delay up to 4 mm for dimensionally stable and durable 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 change with minimal effort – little time and manpower

Available frames

Tubular	Industrial tubular	Open width
C4 - C6	C4 - C6	D5-BW - D6-BW
Frame for 500 mm fabric rolls	Frame for 800 mm and 1,100 mm fabric rolls	Frame for 400 mm and 600 mm fabric rolls

Technical details

Diameter [inch]	30	32	34	36	38
Feeders	96	102	108	116	122
Speed up to [rpm]	35	32	30	29	27
Gauges ¹ [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

	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

Production example I3P 196 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 (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

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.