

MEC-MOR HP

GARMENT LENGTH CIRCULAR KNITTING MACHINE
WITH RIB BORDER



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HP





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Garment Length Circular Knitting Machine with rib border. The Mec-Mor HP is synonymous of productivity, quality and reliability.

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- The new double jersey Mec-Mor HP with open variable fabric width (Variatex Technology) combines the possibility and flexibility of traditional knitwear machines with the quality, productivity and efficiency of circular knitting machines.

The variable width of the fabric panel allows to set the number of working needles for the required product: one single machine is able to produce all the sizes reducing wastages.

This 44" diameter machine has gauges ranging from E7 to E20. The machine has 24 feeds. It is alternating 12 combined knitting transfer systems (3 technical ways on both cylinder and dial) with 12 knitting systems (2 technical ways on both cylinder and dial).

Every second feed is equipped with a combined knitting/transfer system, therefore at every revolution the graphic programming system (SM1) can set each of the 12 feeds either as a "knit feed" OR as a "transfer feed", achieving every knitting stitch composition with maximum productivity.

Transfer on the 12 feeds can be:

One way: from dial to cylinder or from cylinder to dial

Double way: the transfer takes place at the same time in both directions on the same feed.

A "double hunch" transfer cam is design to perform with success even the most difficult yarns.

The yarn feeding system uses a 4 colour striper with the possibility of feeding bare lycra when producing stretch garments.

The striper is electronically controlled by a step by step motor and a pneumatic selector.

Machine features stitch structures with many colours or with various types of yarn, like:

jacquard (single and double jersey) - 4 col. stripes - bare lycra plaiting - links links - delayed timing rib - terry patterning - plated effects - pockets etc



Diameter	44"							
Gauge	7	8	10	12	14	16	18	20
Needles qty	802	916	1170	1393	1602	1828	2089	2290
Feeds	2 combined knitting transfer systems (each feed can be set up for either knit or transfer and reversed) and 12 knit feeds on 2 technical ways. Total number of feeds is 24							
Racking	+/- 3 needles with centesimal correction							
Delayed timing	Dial and cylinder							
Needle bed width	max 2900 mm							
Striper	4 yarns per feed (1 for the elastomer)							
Stitch density	Adjustable on 100 levels							
Takedown	Pneumatic with 25 independent rollers (in 2 areas) and with programming at 100 levels							
Speed	Max 16 RPM (1.1 m/s)							
Safety stops	Needle - Dial selector - Cylinder selector - Broken yarn.							
Motor power	5.5 Kw							
Average power cons.	4 Kw							
Frequency	50 - 60 Hz							
Feeding Units	LGL compact - MFS3 - SFE -- for elastomer, YOYO - LGL SPIN - BTSR Ultrafeeder							
Design transfer	USB port data transfer							
Graphic software	Santoni SMI (Windows compatible)							

* Comply with CE regulation only

Optionals:	Kit Lycra	Lycra feeding units	Terry Kit	Graphic Software SMI
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DISCLAIMER:

Technical data given in this brochure are for information only. Santoni S.p.A. reserves the right to modify the machine features without forewarning and without the obligation to apply any modification to the machines already installed. Pictures are exemplifying and have not to be regarded as a reference.



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