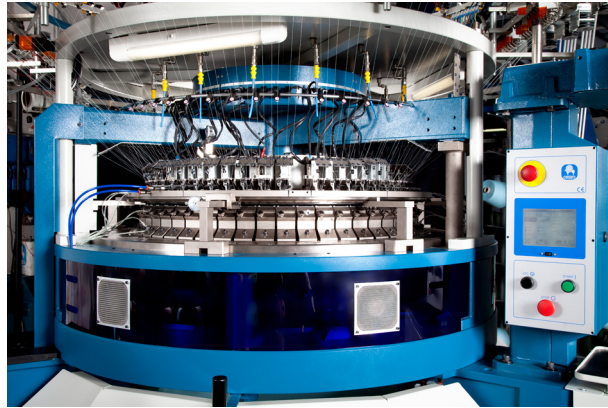




MJM/BF2

Single knit Jacquard circular knitting machine with electronic needle-by-needle selection with three colours electronic strippers on loop and/or ground yarn



Traditional Orizio modular frame, renovated in its functionality robustness and aesthetics, with the new, integrated control panel which allows the fruition of new technologies and completes the machine's control, the needles selection and the following functions:

- Diagnostic indications of warning signals.
- Operating management, through inverter, for the search of the optimal rotation speed.
- Feed-by-feed visualisation of the machines threading and of each colour unit of the striping device.
- Conduction of the needle-by-needle selection piezo-ceramic actuators.
- Conduction of the monostables electro-mechanic finger for the yarn fingers and colours selection.
- Usb connection for quick drawing upload and software update.
- Built-in preparation for connection to the ethernet (LAN) network and production data acquisition.

Versatility and Working possibilities:

Machine having 1.6 feeds per diametrical inch for production of jacquard and striped invisible fleece fabrics.

Wide variety of patterns associated with the colour changes possibilities and with the electronic needle selection.

The cams profile and the selection system have been studied so that the movements of the knitting elements take place in the most favourable conditions, thus assuring the perfect formation of the stitch with the minimum energy consumption and, consequently, considerable reduction in the wear of all the machine's components.

ORIZIO



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The needles and yarn fingers electronic selection allows for the automatic passage from a colour to another one as well as the partial or total annulment of the pattern. The stripes pattern repetitions are programmable from the built-in controller that can memorise and file on usb key device or on machine memory the produced articles.

STANDARD ACCESSORIES

Orizio "Oritec" Electronic control system.

Specific non-positive feeding units for the 4 colours (Memminger-Iro MJS2).

Stitch length adjustment by micrometric screw at each feed.

Inverter action for the research of the optimal speed.

Needles and sinkers automatic lubrication.

Aluminium modular, double-tie side creels.

Four colours electronically programmable striping units at each feed with yarn fingers.

Needles, sinkers and yarn passages cleaning system, achieved by a combination of compressed air and blowing fans for dirt extraction.

Electronic take-down system for a constant tension of the fabric roll.

Piezo-ceramic actuators for the needle-byneedle electronic selection.

Memory capacity: 512 Mbytes.

OPTIONAL ACCESSORIES

Specific feeding units for Jacquard (Memminger-Iro MPF20L1F).

Jacquard feeding units (Memminger-Iro MSF3 Can or Atc or LGL compact).

Plating and elastomeric yarn kits.

Kit for mesh effects.

Latch openers kit for drop-stitch effects.

Kit for pattern placing (fil coupé).

Orizio ORICAD programming software.

Circular creel, Antistatic creel, Closed creel with automatic yarn air threading device, creel with automatic yarn air threading device.

High frame for rolls up to 700 mm diameter.

Management interface software for the machines connected to the network.

Open-width frame for fabrics without side creases.

Diameter	Gauge	Max speed (Rpm)	Peripheral speed (mt./sec.)	No. of feeds	Motor power (kw)	Net weight (kg)	Gross weight kg (case)	Floor space (m ²)
30"	14-28	24	1,00	48	6,3	2550	3050	32
34"		20		54		2650	3150	34

Orizio reserves the right to modify at any time and without previous notice the machine's characteristics indicated on this brochure
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