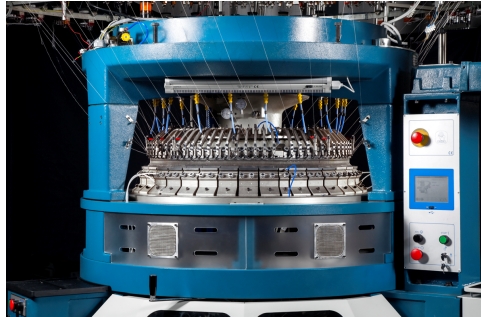


MJD/CE

Double knit Circular knitting machine for the production of all interlock-base and rib-base stitches with needle-by-needle selection in the three technical ways



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

- Diagnostic indication and visualisation of stops and alarms.
- Setting of the take-down percentage for easy roll extraction
- Selection/ setting of the reset types.
- Operational management, through inverter, for the search of the optimal rotation speed.
- Self compensated take-down electronic control to guarantee a constant tension of the fabric roll.
- Usb connection for quick drawing upload

MAIN CHARACTERISTICS

2.4 feeds per diametrical inch machine. Totally closed dial camtracks, with double cam (inner and outer) in one single block, mounted on 72 dial camboxes (one at each feed), easily replaceable.

The Knitting head has 2 feeds per diametrical inch.

Singly tilting yarn carriers are mounted on a single ring to facilitate their adjustments. The yarn feeding units are set on two, or three rings if the elastomeric yarns feeding units is needed.

The cylinder needles selection is obtained by means of piezo-ceramic actuators (one at each feed with 16 levels) controlled by an electronic elaborator comprising: CPU unit, display with tactile keyboard and Usb port.

Operative memory capacity: 512 Megabytes for the execution of large patterns and fabrics.

OBTAINABLE PRODUCTS

The machine's textile potentiality are numberless, and such to allow the possibility of knitting all the rib-base and interlock-base stitches as well as structures such as double-face, mattresses ticking fabrics, 2 or more colours large dimensions jacquard patterns. The electronic needle selection allows for the immediate passage from a structure to another one as well as the



partial or total annulment of the pattern, thus giving the possibility of pattern placing.

MJD/CE

STANDARD EQUIPMENT

"Oritec" electronic control system.

IRO SFE motorised feeding units with integrated stops.

Micrometrical stitch adjustment at each feed.

Automatic lubrication on dial and cylinder needles by means of oil pump.

Knitting head and yarn passages cleaning system achieved by a combination of compressed air and blowing fans.

Interlock disposition dial cams for 2-3-4 colours patterns.

Modular double-tie side creel

16 levels piezo-ceramic actuators on the cylinder for the electronic needle-by-needle selection in the 3 ways techniques.

OPTIONALS

MEMMINGER-IRO 20 K1F jacquard feeding units

MEMMINGER-IRO MSF2 jacquard feeding units

Elastomeric yarns kit

Lay-in devices for quilted fabrics

Usb key device and Software for pattern creation

Terry jacquard kit on 36 feeds

Dial cams for different structures

Set of dial camboxes with external cam selection (swing cams)

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

Super high frame for rolls up to 1,25 m diameters

Lapping device with fixed or removable fabric bin

Open width frame for fabrics without side creases

Diameter	Gauge	Max Speed (RPM)	Peripheral speed (mt./sec.)	N° of feeds	Motor power (Kw)	Net weight (kg)	Gross weight kg (case)	Floor space (m ²)
30"	18-28	23	1,00	72	6,3	2900	3550	34
34"		21		84		3000	3650	35
36"		19		84		3200	3850	36
38"		17		92		3200	3850	36

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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