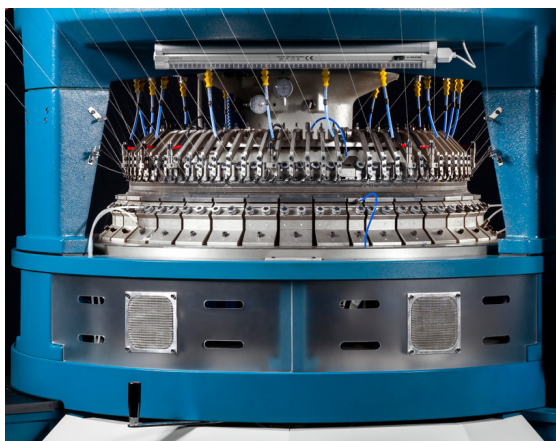




MJD/CE

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



Traditional Orizio modular frame renovated in its functionality, robustness and aesthetics with the new, integrated Orizio '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.
- Selection/setting of the reset types.
- Usb connection for quick drawing upload.
- Built-in preparation for connection to the ethernet (LAN) network and production data acquisition.

Main features:

2.4 feeds per diametrical inch machine.

Totally closed cam tracks with double cam (inner and outer) in one single block, mounted on 72 dial camboxes (one at each feed), easily replaceable. Singly tilting yarn carriers are fixed on a single ring to facilitate their adjustment.

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, colour 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, mattress ticking fabrics, two or more colours large dimension jacquard patterns. The electronic needle selection allows for the immediate passage from a structure to another one as well as the partial annulment of the pattern.

ORIZIO



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STANDARD EQUIPMENT

Orizio "Oritec" electronic control.

Motorised feeding units.

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 fixed dial cams for 2, 3, 4 colours pattern.

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.

OPTIONAL ACCESSORIES

Memminger-Iro 20L1F jacquard feeding units.

Elastomeric yarn kit.

Lay-in devices for quilted fabrics.

Orizio Ori-cad software for pattern creation.

Spacer fabric kit.

Dial fixed cams for the production of different structures.

Set of dial camboxes with external cam selection (swing cams), knit/miss, tuck/miss.

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 1,00 meter diameter.

Lapping device with fixed or removable fabric bin.

Open-width frame for fabrics without side creases.

Management interface software for the machines connected to the network.

Diameter	Gauge	Max speed (R.p.m)	Peripheral speed (mt./sec.)	No. of feeds	Motor power (kw)	Net weight (kg)	Gross weight kg (wooden 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		90		3200	3850	36

Orizio reserves the right to modify at any time and without previous notice the machine's characteristics indicated in this brochure. December 2020

