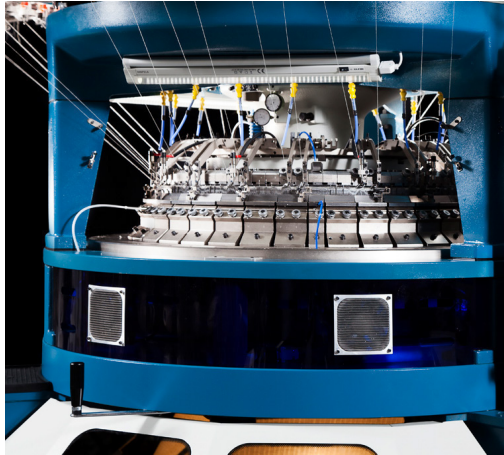




## MJT

### Double knit circular knitting machine with needle-by-needle selection in the three technical ways for the production of jacquard fabrics with stitch transfer



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 visualization of stops and alarms.
- Selection and setting of the Rest types.
- Piezoceramics actuators.
- Usb connection for quick drawing upload and production data acquisition.
- Built-in preparation for connection to the ethernet (LAN) network and production data acquisition.

Creation of any fabric structure or pattern combination with the graphic software Orizio Oricad which allows, thanks to a unique compressed loading procedure to reduce unproductive downtime for pattern and style changes.

#### Main features:

1.8 feeds per diametrical inches machine.

The cams profile together with the double selection system (transfer and non transfer) are designed to give the optimum conditions for the transfer operation and stitch formation.

This results in energy saving and consequent reduction of wear on all the machine's elements.

Each feed is fitted with two sets of selection units which operate by means of piezo-ceramic actuators, the first actuators select the needles which are required to be in the "miss" position and the needles required to be raised to the "tuck" position.

The second row of actuators selects the needles required to complete the knitting cycles. The needles required for stitch transfer from cylinder to dial are selected by an identical actuator.

ORIZIO



## Obtainable products:

The electronic selection of the needles gives quick pattern change possibilities and flexibility. The comprehensive stitch possibilities includes interlock and rib-based structures, 2 to 6 colour jacquards on 36 and 54 feeds (36 when using 18 transfer stations).

### STANDARD EQUIPMENT

Orizio "Oritec" electronic control system.
Electronic drive system with inverter.
Electronically controlled yarn feeding system.
Micrometrical stitch adjustment at each feed.
Electronic take-down system.
Dial swing cams on 36 jacquard feeds and 18 transfer feeds.
Cylinder and dial needles automatic lubrication.
Cleaning system on cylinder, dial needles and yarn passages by compressed air.
Modular side creels, double-tie, fully tubed.
Actuators for needle-by-needle selection.
Memory capacity over 512 Megabytes.
Standard machine configuration: 36 feeds for jacquard and 18 for stitch transfer.

### OPTIONAL ACCESSORIES

Elastomer kit.
Specific cylinder and needles for fabric structures without stitch transfer.
Conversion kit to 54 feeds jacquard machine, i.e.: conversion of 18 transfer stations into 18 jacquard feeds.
Circular creel, Antistatic creel, Closed creel with automatic yarn air threading device, Creel with automatic yarn air threading device.
Orizio Oricad software for pattern creation.
High frame for rolls up to 70 cm 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 (cassa)	Floor space (sqm)
30"	16,18	18 transfer-jacquard 20 jacquard	0,75	36+18 transfer-jacquard 54 jacquard	6,3	3000	3600	12

Orizio reserves that right to modify at any time and without previous notice the machine's characteristics indicated in this brochure. February 2021

