

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



The new knitting head incorporated onto Orizio's new standard frame is fitted with an integrated control panel which visibly shows all the machine functions including the following information:

- diagnostic warning signals.
- RPM limitable from pattern.
- setting of take-down percentage.
- selection and setting of the RESET pattern.

The machine is also fitted with an electronically controlled self compensating take down system and piezo-ceramic actuators.

Creation of any fabric structure or pattern combination with the graphic software Orizio Designer, which also allows, thanks to a

unique compressed loading procedure, to reduce unproductive down-time for pattern/style changes.

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.

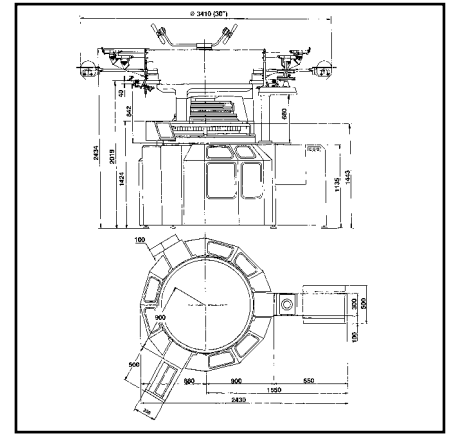
The second row of actuators selects the needles required to complete the knitting cycles.

The needles required for stitch transfer from cylinder to dial are selected by an identical actuator.

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

High performance

ORIZIO



Standard equipment

Electronic needle selection system (WAC or Siemens)

Electronic drive system with Inverter

Electronically controlled yarn feeding system

Micrometrical stitch adjustment at each feeds

Electronic take-down system

Dial swing cams on 36 jacquard 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 to over 12 Mbytes

Standard machine configuration: 36 feeds for jacquard plus 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

Conversion kit to 72 feeds jacquard machine, i.e. : conversion of 18 transfer stations into 36 jacquard feeds

Circular creel

Creel with automatic yarn air threading device

Software Orizio Designer Windows compatible

Diameter	Gauge	R.P.M. (max)	Peripheral speed mt./sec	No. of feeders	Motor power kw	Net weight Kg	Gross weight kg wooden case	Floor space m ²
30"	16, 18	18 Transfer-Jacquard 20 Jacquard	0,75	36+18 Transfer-Jacquard 54 Jacquard	6,3	3000	3600	12

Orizio reserve the right to modify at any time and without previous notice the machine characteristics mentioned in this leaflet.

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ORIZIO S.r.l.
Circular Knitting Machines