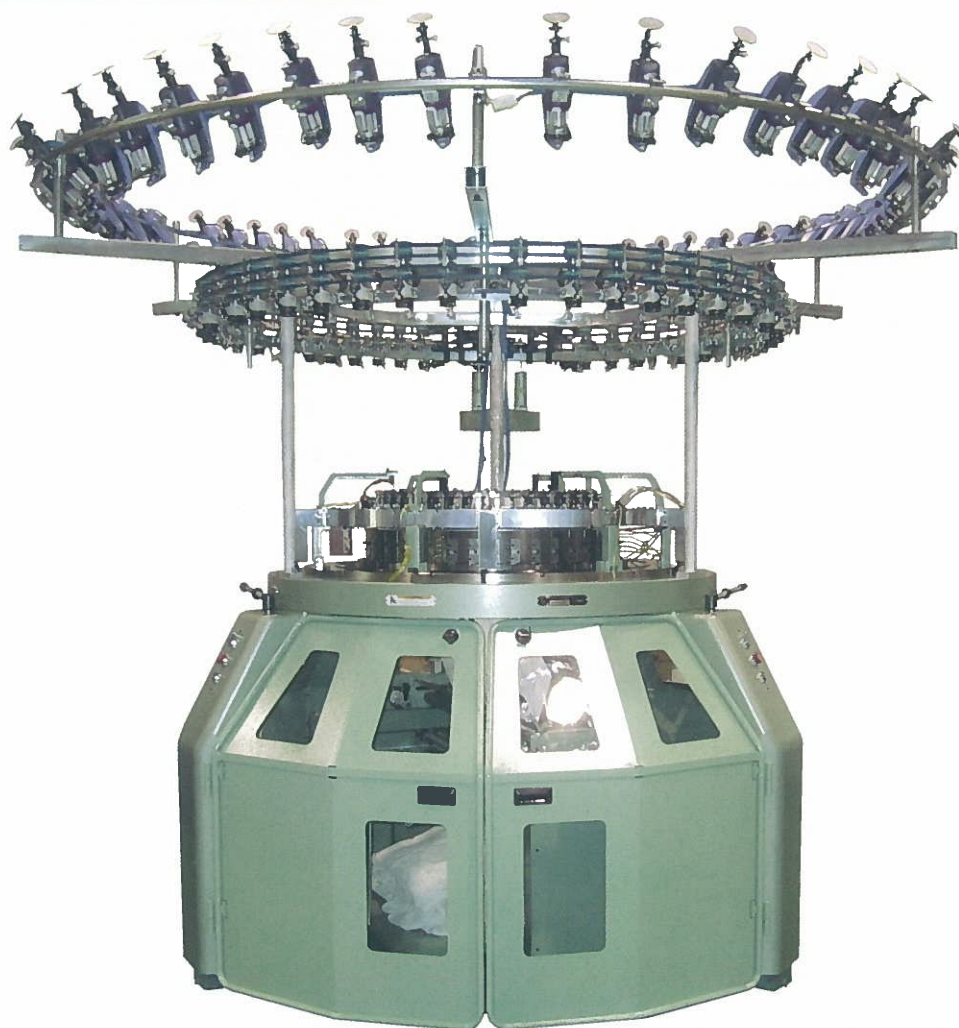


M SERIES

“FUKUHARA”
Computerized Single-Knit
Full Pile Jacquard Machine
with Sinker Selection

M-SECPLT12



*The photo may include optional items.

FUKUHARA

□ M-SECPLT12

M-SECPLT12 produces true 3 way loop jacquard fabric by electronic sinker selection and has capability to knit ground fabric with 2 or 3 position structures by mechanical needle selection. The fabric suits not only garment but also industrial purposes. This model offers the advantage of high production and of a quick change to our well proven electronic selection actuators and system that is pioneer in this field.

STANDARD SPECIFICATION

• Diameters	: 26"	30"	34"	36"	38"
• No. of feeders	: 36F	40F	44F	48F	48F
• Gauges (n.p.i.)	: 14G - 24G				
• Frame	: "M" frame (single bed for high speed operation)				
• Drive	: AC inverter 5.5KW motor				
• Take-up	: ACT-7 Servo-motor controlled friction roll system (Max. fabric roll dia. 580mm)				
• Cylinder cam	: 12 step cassette cams (K-W 2 positions) (stitch amount 2.5mm)				
• Sinker cam	: Electronically controlled sinker selection by S.S actuator				
• Yarn feeding device	: MPF40P1F 1U/F (for ground) SFE 1U/F (for pile)				
• Yarn supplying device	: Provision for side standing creel without creel				
• Yarn carrier	: Steel yarn carrier				
• Size ring	: CADRATEX fabric spreader				
• Oiling device	: Projectile LF lubricator				
• Auxiliary equipment	: FMC-50 (memory: 16MW) Operation panel (with color LCD touch panel & built-in USB connector)				
• Sinker height	: 1-step nose = 1.5mm, 2.2mm, 2.7mm 3.2mm, 3.8mm 2-step nose = 1.5 & 3.2mm 1.8 & 3.6mm 2.0 & 4.5mm				

SPECIAL FEATURES

• FMC-50 controller

The controller is a newly developed FMC-50 which supports high speed operation and multi-feeders. Being capable of transmitting necessary data accurately and reliably to the multi-feeder and to the knitting machine running at high speed, the controller can demonstrate a stabilized sinker selection performance.

• ACT-7 motor-driven automatic take-up

Mounted on this model is an ACT-7 servo motor-driven automatic take-up unit with reduced weight and improved maintainability. Thanks to the redesigned frame structure, the take-up drive roll can be replaced easily. Also, 3 rubber rolls and the reel roll anti-reverse rotation unit installed as standard equipment have further improved the performance and operability of the knitting machine. Self winding specification parts are also available as an option.

• Operation panel fitted with color LCD touch panel (FCP-60)

The high-luminance and clear color LCD touch panel allows for precise operation as well as clear confirmation of inputted machine information. Each function is shown as an icon display on the menu screen to ensure anyone can easily carry out operations by simply touching the icons. Also, a USB memory slot equipped as standard allows for high-speed transfer of even large patterns to the controller.

OPTIONAL EXTRAS

- Large take-up on high legs (Max. fabric roll dia. 850mm or 1000mm)
- Lapping take-up unit
- ACT-7 self-winding type method
- Parts for elastomeric yarn plating
- Yarn feeding device "LGL COMPACT" by LGL Electronics
- MEMMINGER-IRO Pulsonic oiler
- Auto-oiler
- Lint fans
- Flutter blower
- Bottom stop-motions with slub catcher
- "FDS" pattern preparation system
- Tuck cams (for T-W)

FABRIC POTENTIAL

- [ST]: True 3-step pile full-jacquard fabric
Mock 3-step pile full jacquard fabric
2-step pile (High pile & Low pile)
1-step pile (High pile & No pile)
1-step pile (Low pile & No pile)
2 to 3 color pile full jacquard fabric
- [OP]: Elastomeric yarn plating

* The above specification may be changed without notice.

* Conditions of sales may vary from country to country.

All information in this brochure is given in good faith but without warranty.

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