

M SERIES

"FUKUHARA"

**Double-Knit
Quarter Gauge Series**

**M-9MEQG
M-8MEQG
M-8ERQG**



Model: M-9MEQG

*The photo may include optional items.

FUKUHARA

☐ M-9MEQG ☐ M-8MEQG ☐ M-8ERQG

After the problems of products by the coarse gauge fabrics such as the wind-resistant performance, feel, look-through/ looming of lining shades were carefully studied, QG knitting machine series have been designed with the cylinder and the dial having extremely different gauges which are 1:4 in order to solve these problems. By knitting the reversible fabric structures with these different gauges in the ratio of 1:4, those problems peculiar to the coarse gauge fabrics can be resolved and, at the same time, the QG knitting machine series have been developed with the aim of inspiring our customers for their expansion to new goods.

STANDARD SPECIFICATION

MODEL M-9MEQG

- Diameter : 30" 34"
- No. of feed : 72F(1G) 78F(1G)
- Gauge (n.p.i.) : Cylinder/Dial 6G/24G 7G/28G 8G/32G
- Cylinder cam : 2-race, 3 positions (K, T, W) exchange closed cams
Raising cam & stitch cam separate type
Stitch amount : plain jersey : 5mm
Tucking : 1.5mm
- Dial cam : 2-race, 3 positions (K, T, W) exchange closed cams
Stitch amount : (24G-28G)1.3mm, (32G)0.9mm,

MODEL M-8MEQG

- | | | | |
|------------------|---|---------|---------|
| ● Diameter | : 30" | 33" | 34" |
| ● No. of feed | : 60F(1G) | 66F(1G) | 66F(1G) |
| ● Gauge (n.p.i.) | : Cylinder/Dial 6G/24G | 7G/28G | 8G/32G |
| ● Cylinder cam | : 2-race, 3 positions (K, T, W) exchange closed cams
Raising cam & stitch cam separate type
Stitch amount : plain jersey : 5mm
Tucking : 1.5mm | | |
| ● Dial cam | : 2-race, 3 positions (K, T, W) exchange closed cams
Stitch amount : (24G-28G)1.5mm , (32G)0.9mm, | | |

MODEL M-8ERQG

- | | | | | |
|------------------|---|--|---------|---------|
| ● Diameter | : | 30" | 33" | 34" |
| ● No. of feed | : | 42F(1G) | 42F(1G) | 42F(1G) |
| ● Gauge (n.p.i.) | : | Cylinder/Dial 6G/24G | 7G/28G | 8G/32G |
| ● Cylinder cam | : | 2-race, 3 positions (K, T, W) exchange closed cams | | |
| | | Raising cam & stitch cam separate type | | |
| | | Stitch amount : plain jersey : 5mm | | |
| | | Tucking : 2.0mm | | |
| ● Dial cam | : | 2-race, 3 positions (K, T, W) exchange closed cams | | |
| | | Raising cam & stitch cam separate type | | |
| | | Stitch amount : (24G-28G)1.8mm . (32G)1.1mm. | | |

COMMON STANDARD SPECIFICATION

MODEL M-9MEQG, -8MEQG, -8ERQG

- Cam timing : Synchronized timing
- Yarn feeding device : MPF20P1 (5 unit/6F) 1 ring/2 tapes
MPF20P1 SEPARATION WITH WEIGHT
BALANCE (1unit/6F) 1 ring/2tapes
- Yarn carrier : Ceramic yarn carriers (dial plain jersey,
tucking)
Steel yarn carriers (cylinder plain jersey)
mounted on collective carrier ring
- Size ring : Light weight CADRATEX

*Frame specs are same as -9ME,-8ME,-8ER

SPECIAL FEATURES

- **Wind-resistant performance**

Clothes like a sweater knitted in coarse gauges are inferior in wind-resistant performance because of the loose stitches. On the other hand, the fabric of QG knitting machine can offer much improvement of the wind resistant performance of the clothes like a sweater as it is possible to knit fabrics as lining with less than 1/4 of stitch.

- Prevention of looking-through and looming of lining shades

While looking-through becomes a problem with ladies' summer sweaters, QG knitted fabric, having dense stitch on the lining, does not require any layered wear, and can prevent the problem.

- Improved feel

Many customers comment that the sweaters etc. with wool yarns, when touching the skin directly, give irritating and uncomfortable feel. As QG knitting machine allows for the lining to be simultaneously knitted with a yarn which has better feel than wool, the complaint will be solved.

- Performance

By changing yarns to be used for the front side and back side of the fabric and connecting yarn in various ways, the fabric performance including heat insulation, cooling and sweat-absorbing and quick-drying function can be highly diversified. QG knitting machine can provide many possibilities to the yarns for clothes in the present market which demands various performances.

OPTIONAL EXTRAS

- Normal -9ME from -9MEQG conversion parts
- Normal -8ME from -8MEQG conversion parts
- Normal -8ER from -8ERQG conversion parts
- Tool for cylinder/dial change
- Dial 3-race spec (-9MEQG & -8MEQG)
- Dial 4-race spec (-8ERQG)
- Parts for elastomeric varn plating

FABRIC POTENTIAL

[ST] 6F repeat reversible (cylinder plain jersey)

[OP] cylinder Lacoste, cylinder two-colour constructions
cylinder cross-miss

* 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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