

# MX SERIES

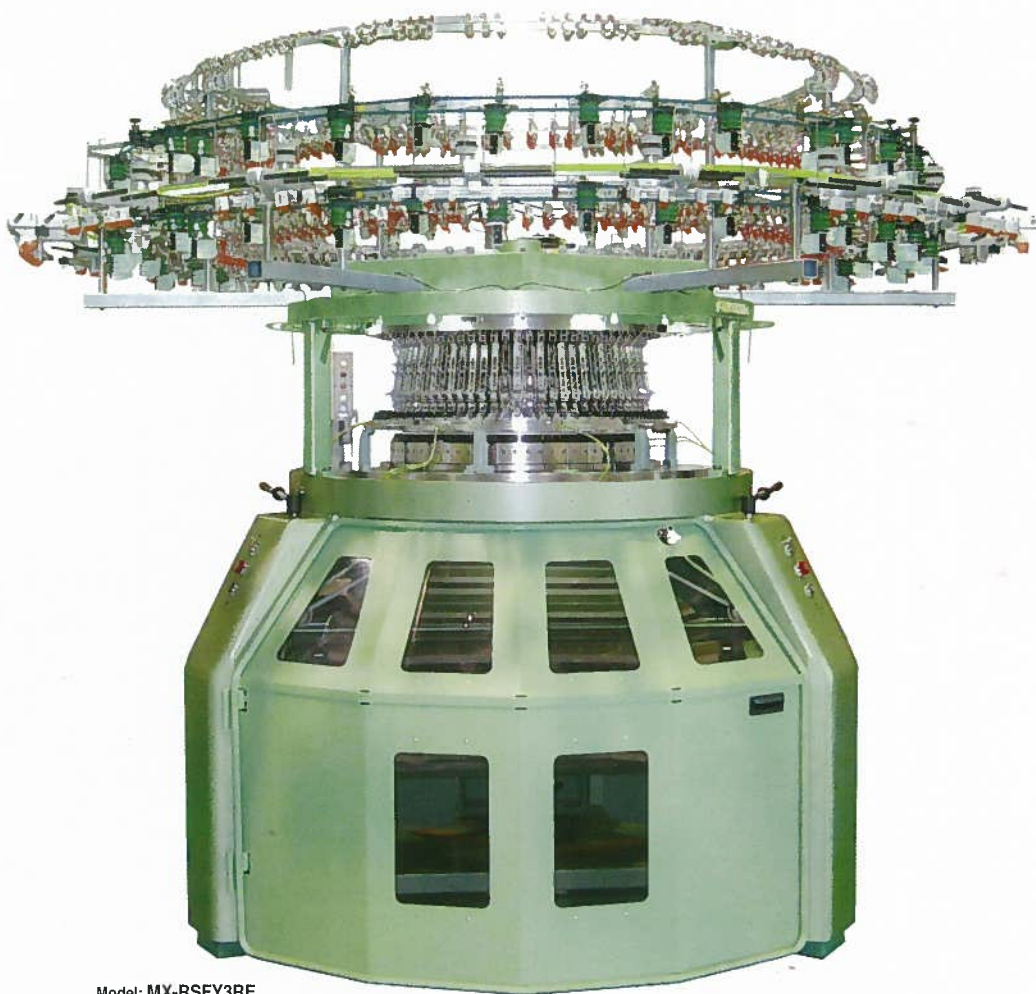
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**“FUKUHARA”**  
**Single-Knit Race Way**  
**“F-type” 3 • 4 • 6-colour**  
**Auto-striper**

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**MX-RSFY3/RSFY3RE**  
**MX-RSFY4/RSFY4RE**  
**MX-RSFY6/RSFY6RE**

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Model: MX-RSFY3RE

\*The photo may include optional items.

# FUKUHARA

# "MX-RSFY" SERIES

These models are high speed single knit raceway machines with "F-type" 3, 4 and 6-colour auto-strippers.

"MX-RSFY\*RE" rotates counter-clockwise while "MX-RSFY\*" rotates clockwise.

## MODEL "MX-RSFY3, MX-RSFY3RE"

### STANDARD SPECIFICATION

- |                       |   |      |      |
|-----------------------|---|------|------|
| • Diameters           | : 26"   | 30"  | 34"  |
| • No. of Feeds        | : 60F   | 72F  | 84F  |
| • No. of Ends         | : 180E  | 216E | 252E |
| • Gauges              | : 16G - 32G   |      |      |
| • Striper             | : "F-type" 3-colour auto-striper (1 unit /F) with Electromagnetic actuators       |      |      |
| • Cylinder cams       | : 2-race exchange cam (stitch/raising separate type)<br>Stitch draw amount: 2.5mm |      |      |
| • Sinker cams         | : Double-push type, segmented sinker cap  |      |      |
| • Yarn feeding device | : YS3 (1 units/F) 2rings / 4tapes<br>26": 60 units, 30": 72units, 34": 84 units   |      |      |
| • Yarn carriers       | : Slit type yarn carrier for striping machine                                     |      |      |

### OPTIONAL EXTRAS

- Additional cylinder cams (K, T, W) and needles for up to 4-race
- Parts for elastomeric Yarn plating
- Parts for hard yarn plating (mesh cams, needles)

### FABRIC POTENTIAL

[ST] : Plain jersey with 3-colour striped patterns  
[OP] : Pique, Inlay, 3-position structure patterns (4-race) with 3-colour striped pattern  
Elastomeric yarn plated striped patterns  
Hard yarn plated striped patterns

### SPECIAL FEATURES

- **"F-type" 3-colour auto-striper**
  - Stable striping at high speeds thanks to various new mechanisms.
  - Flip-up mechanism allows easy threading.
  - Multi-finger operation (2 or more fingers can feed yarns simultaneously) is possible.
  - The reliable striping function enables narrower striping widths.
- **Highly productive 3-colour striper machine**

When knitting 2~3-colour striped fabric, increased number of feeds combined with increased machine speed achieves higher productivity. It is more productive than "VX-RSY3RE" equipped with conventional 3-colour auto-strippers having the same number of feeds, i.e. 15% (30") higher due to increased machine speed.
- **Elastomeric yarn plating [OPTIONAL]**

Optional parts for elastomeric yarn plating such as yarn carrier, yarn feeding roller, MER, etc. are available.

## MODEL "MX-RSFY4, MX-RSFY4RE"

### STANDARD SPECIFICATION

- |                       |  |      |      |
|-----------------------|--|------|------|
| • Diameters           | : 26"  | 30"  | 34"  |
| • No. of Feeds        | : 48F  | 60F  | 68F  |
| • No. of Ends         | : 192E   | 240E | 272E |
| • Gauges              | : 14G - 32G [OP] up to 36G   |      |      |
| • Striper             | : "F-type" 4-colour auto-striper (1 unit /F) with Electromagnetic actuator                           |      |      |
| • Cylinder cams       | : 2-race exchange cam (stitch/raising separate type)   |      |      |
| • Sinker cams         | : Double-push type, segmented sinker cap   |      |      |
| • Yarn feeding device | : YS2 (2 units/F) yarn feeders on 2rings / 4tapes<br>26": 96 units, 30": 120 units<br>34": 136 units |      |      |
| • Yarn carriers       | : Slit type yarn carrier for striping machine  |      |      |

### OPTIONAL EXTRAS

- Additional cylinder cams (K, T, W) and needles for up to 4-race
- Parts for elastomeric Yarn plating
- Parts for hard yarn plating (mesh cams, needles)

### FABRIC POTENTIAL

[ST] : Plain jersey with 4-colour striped patterns  
[OP] : Pique, Inlay, 3-position structure patterns (4-race) with 4-colour striped pattern  
Elastomeric yarn plated striped patterns  
Hard yarn plated striped patterns

### SPECIAL FEATURES

- **"F-type" 4-colour auto-striper**
  - Stable striping at high speeds thanks to various new mechanisms.
  - Flip-up mechanism allows easy threading.
  - Multi-finger operation (2 or more fingers can feed yarns simultaneously) is possible.
  - The reliable striping function enables narrower striping widths
- **Highly productive 4-colour striper machine**

The increased number of feeders combined with increased machine speed achieves higher productivity, i.e. 1.4 times (30") to 1.6 times (34") higher than that of the previous models  
"VX-RSY", "VX-RSYB" or "VX-RSYRE"
- **Elastomeric yarn plating [OPTIONAL]**

Optional parts for elastomeric yarn plating such as yarn carrier, yarn feeding roller, MER, etc. are available.

## MODEL "MX-RSFY6, MX-RSFY6RE"

### STANDARD SPECIFICATION

• Diameters	: 26"	30"	34"
• No. of Feeds	: 42F	48F	54F
• No. of Ends	: 252E	288E	324E
• Gauges	: 14G - 32G [OP] up to 36G		
• Striper	: "F-type" 6-colour auto-striper (1 unit /F) with electromagnetic actuators		
• Cylinder cams	: 2-race exchange cam (stitch/raising separate type)		
• Sinker cams	: Double-push type, segmented sinker cap		
• Yarn feeding device	: YS3 (2 units/F) yarn feeders on 2rings / 4tapes 26": 84 units, 30": 96 units, 34": 108 units		
• Yarn carriers	: Slit type yarn carrier for striping machine		

### OPTIONAL EXTRAS

- Additional cylinder cams (K, T, W) and needles for up to 4-race
- Parts for elastomeric Yarn plating
- Parts for hard yarn plating (mesh cams, needles)

### FABRIC POTENTIAL

[ST] : Plain jersey with 6-colour striped patterns

[OP] : Pique, Inlay, 3-position structure patterns ( 4-race)  
with 6-colour striped pattern  
Elastomeric yarn plated striped patterns  
Hard yarn plated striped patterns

### SPECIAL FEATURES

- **"F-type" 6-colour auto-striper**
  - Stable striping at high speeds thanks to various new mechanisms.
  - Flip-up mechanism allows easy threading.
  - Multi-finger operation (2 or more fingers can feed yarns simultaneously) is possible.
  - The reliable striping function enables narrower striping widths.
- **Highly productive 6-colour striper machine**

The increased number of feeders combined with increased machine speed achieves higher productivity, i.e. 30% higher than that of the previous model "VX-RSY6" and "VX-RSY6RE"
- **Elastomeric yarn plating [OPTIONAL]**

Optional parts for elastomeric yarn plating such as yarn carrier, yarn feeding roller, MER, etc. are available.

## "MX-RSFY" SERIES

### STANDARD COMMON SPECIFICATION

- Frame : "MX" frame (single bed for high speed operation)
- Drive : AC inverter with 5.5KW motor
- Take-up : ACT-7 servo-motor controlled friction roll system.( Max. fabric roll dia. 580mm)
- Yarn supply system : Provision for side standing creel without creel
- Size ring : CADRATEX fabric spreader
- Oiling device : Projectile 419 lubricator / LF lubricator
- Auxiliary equipment : FCP-60 machine control panel (4.3-inch colour LCD touch panel for auto striper)  
Bottom stop-motion with slub catcher  
Double handle specification

### OPTIONAL EXTRAS

- Overhead bobbin rack or side standing creel
- High legs and large take-up. Max fabric roll dia, 850mm
- 3-split roll type
- MEMMINGER-IRO pulsonic oiler
- Auto-oiler
- Lint fans
- Two door specification
- Top stop-motions
- MJS yarn feeder by MEMMINGER-IRO

### SPECIAL FEATURES

- **Newly designed "MX" frame**
  - Sliding parts and conversion parts are inherited from our "VX" Frame.
  - Improved strength and accuracy.
  - 53mm lower frame height for improved accessibility to the knitting head.
  - Lighter and stronger machine guards.
- **FCP-60 Colour LCD touch panel**
  - A 4.3-inch LCD with touch panel is employed for the display screen. The number of icons for function keys has been increased for easier operation. Also, the touch panel includes a cover to protect against accidental input and damage.

\* 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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