

MX

SERIES

“ FUKUHARA ”

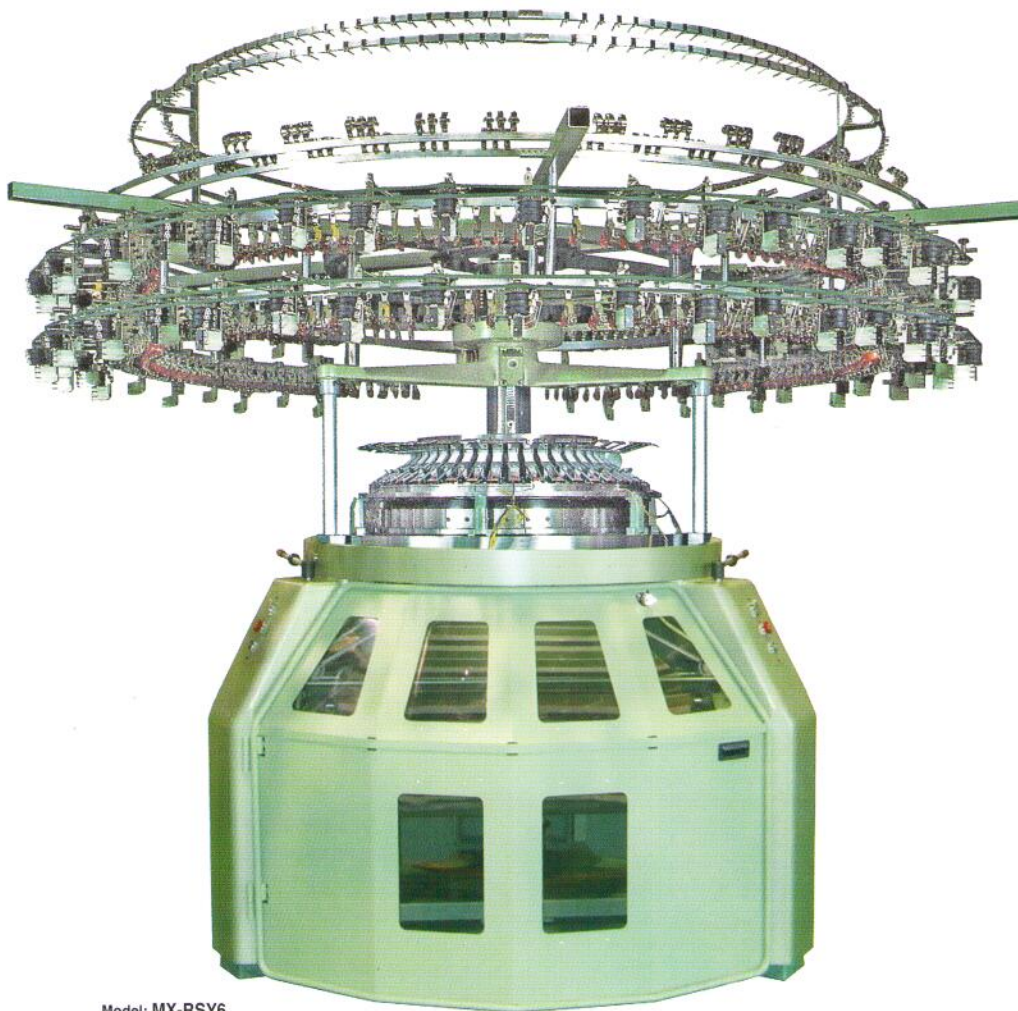
Single-Knit Race Way

3 • 4 • 6-colour Auto-striper

MX-RSY3RE

MX-RSY/RSYB/RSYRE

MX-RSY6/RSY6B/RSY6RE



Model: MX-RSY6

*The photo may include optional items.

FUKUHARA

“MX-RSY” SERIES

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

MODEL “MX-RSY3RE”

STANDARD SPECIFICATION

- Diameters : 26” 30” 32” 34”
- No. of Feeds : 56F 72F 72F 84F
- No. of Ends : 168E 216E 216E 252E
- Gauges : 16G - 32G
- Striper : 3-colour auto-striper (1 unit /F) with high speed actuators, catch & release type
- Cylinder cams : Single race semi-closed cams (stitch/raising separate type) with provision for 3 extra cam races
- Sinker cam : Double-push type, segmented sinker cap
- Yarn feeding device : YS3 (2 units/F) yarn feeders on 2rings / 4tapes
26” : 60 units, 30”-32” : 72units,
34” : 84 units
- Yarn carriers : Slit type yarn carrier for striping machine

OPTIONAL EXTRAS

- Parts for 6-colour striper (selector cam unit, yarn guides)
- Additional cylinder cams for up to 4-race (K, T, W)
- 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
4~6-colour striped fabric, Elastomeric yarn plated fabrics,
Hard yarn plated fabrics

SPECIAL FEATURES

- **3-colour auto-striper**
3-colour catch & release type auto-striper which can be fitted on Multi-feed machine allows stable striping at high speeds. This model can be converted into a 6-colour striper machine using 2 feeders for 1striper unit to knit 4~6-colour striped fabrics. (Some optional parts are required for the conversion.)
- **Cam system for stable needle and sinker movement**
1-race cylinder exchange cams with provision for optional 3 extra cam races. Stitch/raising separate type cylinder cams and double-push type sinker cams ensure stable movement at high speed
- **Elastomeric yarn plating [OPTIONAL]**
Optional parts for elastomeric yarn plating such as yarn carrier, Yarn feeding roller, MER, etc. are available.

MODEL “MX-RSY, RSYB, RSYRE”

STANDARD SPECIFICATION

- Diameters : 26” 30” 32” 34”
- No. of Feeds : 42F 48F 48F 48F
- No. of Ends : 168E 192E 192E 192E
- Gauges : 14G - 32G
- Striper : 4-colour auto-striper (1 unit /F) Catch & cut type
- Cylinder cams : Single race semi-closed cams (stitch/raising Separate type) with provision for 3 extra cam races
- Sinker Cams : Double-push type, segmented sinker cap
- Yarn feeding device : YS2 (2 units/F) yarn feeders on 2rings / 4tapes
26” : 84 units, 30” -34” : 96 units
- Yarn carriers : Slit type yarn carrier for striping machine

OPTIONAL EXTRAS

- Additional cylinder cams for up to 4-race (K, T, W)
- 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 fabrics
Hard yarn plated fabrics

SPECIAL FEATURES

- **4-colour auto-striper**
Catch & cut type strippers are fitted and allows stable striping at high speeds.
- **Cam system for stable needle and sinker movement**
1-race cylinder exchange cams with provision for optional 3 extra cam races. Stitch/raising separate type cylinder cams and double-push type sinker cams ensure stable movement at high speed
- **Elastomeric yarn plating [OPTIONAL]**
Optional parts for elastomeric yarn plating such as yarn carrier, Yarn feeding roller, MER, etc. are available.
- **Difference of each models**
MX-RSYB has same rotation with MX-RSY, but only the differences are needles, cams and yarn carriers for the purpose of improving the elastomeric yarn knitting. MX-RSYRE has anti-clock rotation, and same specification with MX-RSYB

MODEL “MX-RSY6, RSY6B, RSY6RE”

STANDARD SPECIFICATION

- Diameters : 26” 30” 32” 34”
- No. of Feeds : 34F 42F 42F 48F
- No. of Ends : 204E 252E 252E 288E
- Gauges : 14G - 32G
- Striper : 6-colour auto-striper (1 unit /F)
Catch & release type
- Cylinder cams : Single race semi-closed cams
(stitch/raising separate type) with
provision for 3 extra cam races
- Sinker Cams : Double-push type, segmented sinker cap
- Yarn feeding device : YS3 (2 units/F) yarn feeders on
2rings / 4tapes
26” : 68units, 30”-32” : 84units,
34” : 96units
- Yarn carriers : Slit type yarn carrier for striping machine

OPTIONAL EXTRAS

- Additional cylinder cams for up to 4-race (K, T, W)
- 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 4-colour striped pattern
Elastomeric yarn plated fabrics
Hard yarn plated fabrics

SPECIAL FEATURES

- **3-colour auto-striper**
3-colour catch & release type auto-striper which can be fitted on
Multi-feed machine allows stable striping at high speeds.
This model can be converted into a 6-colour striper machine
using 2 feeders for 1striper unit to knit 4-6-colour striped fabrics.
(Some optional parts are required for the conversion.)
- **Cam system for stable needle and sinker movement**
1-race cylinder exchange cams with provision for optional 3 extra
cam races. Stitch/raising separate type cylinder cams and
double-push type sinker cams ensure stable movement at
high speed
- **Elastomeric yarn plating [OPTIONAL]**
Optional parts for elastomeric yarn plating such as yarn carrier,
yarn feeding roller, MER, etc. are available.
- **Difference of each models**
MX-RSY6B has same rotation with MX-RSY6, but only the
differences are needles, cams and yarn carriers for the purpose of
improving the elastomeric yarn knitting.
MX-RSY6RE has anti-clock rotation, and same specification with
MX-RSY6B.

“MX-RSY” 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
- 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.
- **Striper elevating mechanism**
 - All the striper units can be raised at a time with the striper
elevating mechanism and this allows easy cleaning around
the knitting head and cylinder exchange
- **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.