

The background of the image shows a complex industrial machine, likely a mercerizing machine, with multiple large rollers and a control panel. The scene is lit with a blue and orange gradient. A large, dark diamond shape is superimposed over the center of the image, containing the text.

**CLIP TYPE
MERCERIZING
RANGE**

Features

High-speed Operation

The world fastest machines with the practical operation speed up to 200m/min. have been completed.

Wide Availability for various types of fabrics

For ex., following new developments are ready for your option.

- Weft Distortion Proof System for thin fabrics.
- Cloth Width-loss Proof System for thin fabrics. (ex. lawn)
- High Tension Proof Design for thick(heavy) fabrics.

Wet Mercerizing(Optional)

Drying process preceding mercerizer can be omitted by using our effective De-Watering Device and Automatic Density Control of caustic soda solution.

Automated Equipments for Small Lot Productions

Depending on our up-to-date technical developments, Fully Automatic Computerized Mercerizing Range is also ready for practical use on demand, which shall be most helpful for labour saving and quality control.

Padding Mangle

Rigid steel frame provided. Impregnating trough is constructed with double wall with heat insulation material inside and equipped with trough elevator system by pneumatic cylinder to make the cloth threading easy.

Automatic Density Control Device of caustic soda solution and Refrigerating Equipment are on demand.(Option)

Tension Cylinder

It is specially designed to overcome strong tension of thick fabric.

The magnetic brakes are provided in the interim of tension cylinders of high-speed machine to prevent the running fabrics from explosive tension and cutting problem when emergency stopping.

Warp tension can be adjusted through finger-tip operation.(Option)

Clip Stenter

High-speed operation is completely achieved by means of our specially designed rigid rails and clips. Our clip is perfectly available for both thin and thick fabrics.

High-speed model provides special lining on the rail to reduce friction and to save driving power.

New type of a Suction Equipment contribute energy saving and increases suction effect.

Refrigerating Equipment

Freon gas type refrigerator and circulating pump are adopted to cool caustic solution.

Our indirect cooling system by water brings easy operation and free from maintenance.

Clip Chain

It is specially designed and precisely manufactured for high-speed operation. Clip Chain can fit well high tension of thick fabrics and smooth and exact clipping for thin fabrics.

Standard Specifications of Clip Type Mercerizing Range

TYPE	M40	M60	M80	M100	M120	M150	M200
Tension Cylinder (mm dia. x pcs.)	760 x 3 300 x 4	760 x 4 300 x 4	760 x 7 300 x 4	760 x 13 300 x 9	760 x 16 300 x 9	760 x 21 300 x 9	760 x 36 300 x 8
Length of Stenter (m)	12	15.2	18.2	18.2	21.3	24	27
Cloth Length from 1st Mangle to 1st Shower (m)	24	40	47	60	67	80	113
Machine Speed at 40sec. pregnating Time (m/min)	36	60	70	90	100	120	170
Max. Machine Speed (m/min)	40	60	80	100	120	150	200
Number of Shower	2	3	4	4	5	5	6
Model of Clip Chain	K-55	K-55	K-55	K-55	K-55	K-55	K-55





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