

Piezoceramic method ELECTRONIC JACQUARD SYSTEM

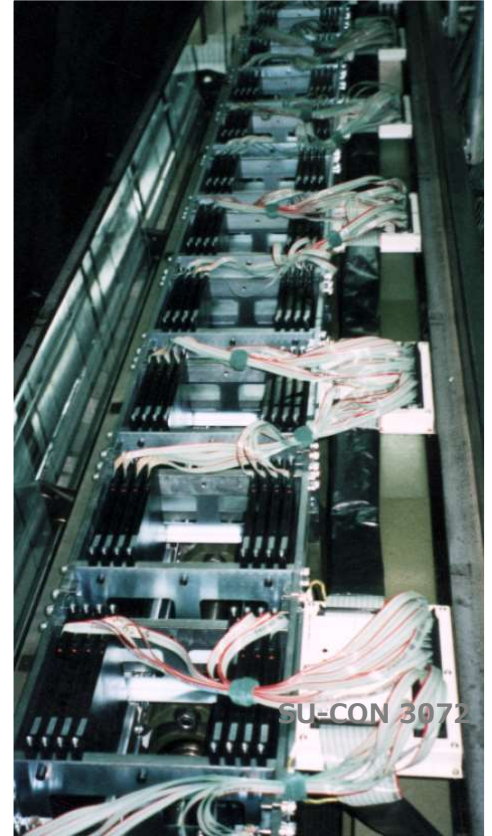
for Warp Knitting Machine

- Rachel Lace / Jacquard Lace -

- ◆ Reliable and low-cost electronic jacquard system by our original technology of Piezoceramic actuators.
- ◆ No need of jacquard papers / cards.
Knitting from pattern files on computer.
- ◆ Much less power consumption than the conventional solenoid (electromagnetic) method.
- ◆ Wide range of products meeting various needs for Karl Mayer Warp Knitting machines.
(full electronic Jacquard / SU conversion kit / Needle selector)



Driver Box II and cassette (EJ-Mayer type)



EJ-SU-CON 3072

◇ Features ◇

Improved Needle Selection by Piezoceramic actuators

By the new technology of Piezoceramic actuators, we improved the problems by the conventional method of Solenoid (electromagnet) actuators such as: high maintenance cost, high electric consumption, weak at heat, etc.

The needle selectors (actuators) are stored in cassettes for easy replacement / maintenance.

Less than 1/10 of power consumption of solenoid.

No self-heat like solenoid, no need of cooling fan, no problem in hot climate.

Easy-to-use controller

Familiar operation by Windows computer.

Weaving / knitting software can handle the pattern data in various formats.

Pattern file formats:

- Stäubli (.JC5)
- Bonas (.EP)
- Takemura (.DAT) Other formats to inquire



◇ MODELS ◇

EJ-S-MY
【Top Electronic Jacquard machine】

– *Single-Lift* –

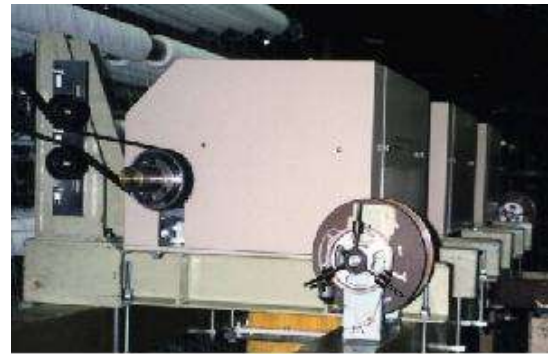
For Karl Mayer Knitting Machine without mechanical Jacquard.

Computer controlled / no need of punched paper cards.

For various hook numbers, widths and gauge.

Available for every Knitting Machines.

Possible to make the position of Jacquard machine low and suspend the harnesses almost vertically



Model	hooks	EJ-S-MY cassettes
EJ-S-MY 1024	1024	32
EJ-S-MY 1536	1536	48
EJ-S-MY 2048	2 x 1024	64
EJ-S-MY 2560	1024 + 1535	80
EJ-S-MY 3072	2 x 1535	96

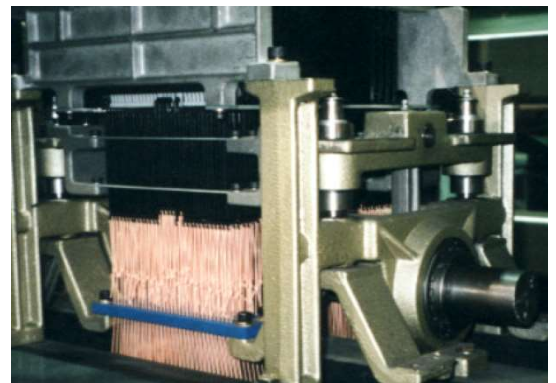
※One cassette has 32 Piezoceramic actuators to select up to 32 needles

EJ-SU-CON 3072
【Conversion unit for Karl Mayer SU Jacquard】

This kit converts a conventional SU Electronic Jacquard machine at 3072 hooks with Solenoid actuators, into the improved Piezoceramic method.

The mechanical part of SU machine stays as is.

The high maintenance and running cost by Solenoid will be improved by Piezoceramic technology with much lower cost than purchasing a new electronic jacquard machine.



EJ-SU-CON 3072

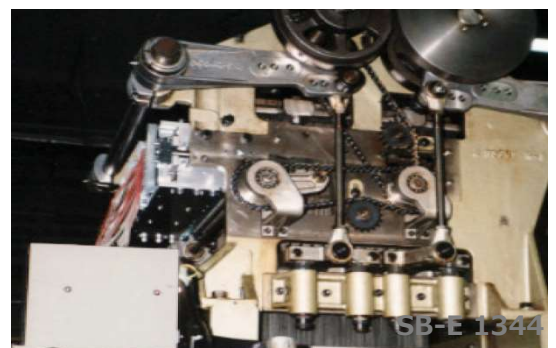
SB-E – Selection Box – Endless paper type
【Needle selector for Top / S-G machines】

To replace the endless paper unit of Karl Mayer mechanical Jacquard machines.

That can be installed together with above Electronic Jacquard or conversion unit.

Model	hooks	SB-E cassettes
SB-E 896	896	32
SB-E 1344	1344	48
SB-E 1792	2 x 896	64

※One cassette has 28 Piezoceramic actuators to select up to 28 needles



SB-E 1344



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