Piezo Electronic Jacquard System for Warp Knitting Machine

Rachel Lace / Jacquard Lace

Used a simple selecting mechanism with good results on our selection box system. Our selection box can also be used with existing summing electronic controller or mechanical jacquard.

Adoption of Piezo Electric Ceramic
This new technology, which replaces solenoids, realizes a high reliability with the development of mechanically and physically stable ceramics which show almost no deterioration in piezo performance.

Easy Maintenance
If a cassette should have any problem, you can make a repair by changing it quickly and easily.

Enables Speed-Up of Weaving
We guarantee super high speed and an errorless driving force and also ensure the running speed of the loom itself.

Economical Power Consumption
In contrast to solenoids, the electric power consumption can be reduced to less than 1/10. On the 1024 hooks setting, operational power consumption is less than 10 watts.

No Trouble in the Middle of Summer
Under the solenoid system, exothermic heat becomes a big problem, on the other hand, piezo generates hardly any heat and you don't need a cooling fan. Using our system in the tropics or the midsummer is no trouble at all.

Model : EJ-S-MY1024 / 1536
We have developed a compact electronic jacquard with 1024 and 1536 hooks. 32 hooks are built into one cassette.
By uniting the machine, 2560 and 3096 hooks are available, so it is suitable for all kinds of warp knitting machine regardless of width and gauge.
Also, the harness can be hung almost vertically if the position of jacquard is made lower.
Model: **EJ-SU-CON-3072**

This is a kit where our company has replaced the solenoids in existing SU models with piezo electronic jacquards. As the Jacquard operating mechanism is unchanged, only few parts are required, and remodeling costs are also kept low.

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Model: **SB-HE-MY1344/896**

Our selection box (direct Jacquard), which electrically controls endless paper of mechanical jacquard, has produced good results. It is attachable to top Jacquard and summing jacquard for 1344 and 896 hooks. It can also be used with our electronic jacquard. All kinds of mechanical jacquard can be electrically computerized.