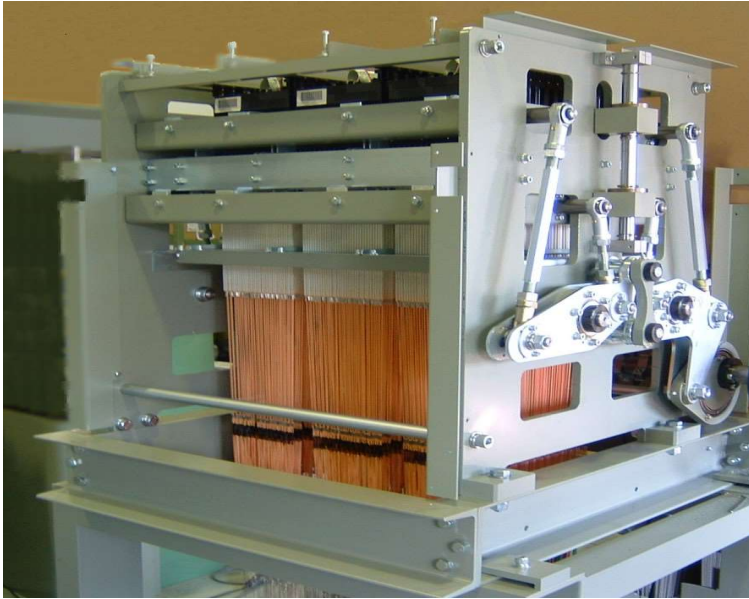


TAKEMURA TECHNO WORKS ELECTRONIC JACQUARD

MODEL *EJ-S / EJ-D* (*Single-lift / Double-lift*)



Piezo cassettes

EJ-S-CC

- ◆ Full electronic jacquard machine, highly reliable & low-cost, using PIEZO ceramic element as actuator, by our own patented technology.
- ◆ No more punching paper or card, with our EJ you can immediately start weaving with the pattern drawn or loaded on a PC.
- ◆ Overwhelming power saving of Piezo system, compared to conventional solenoid system.
- ◆ Available in custom specifications for any types of loom: high-speed, low-speed, large or small number of hooks, various types of aperture system, also possible to add number of hooks afterwards.

◇ Features of the product ◇

Proprietary PIEZO needle selection system

After years of successful experiences in the SB series - electronic needle selection equipment for mechanical jacquard - , we have developed the series of full electronic jacquard with new technology of Piezo ceramic actuator, which replaces the conventional electronic jacquard of solenoid (electromagnets) type.

Low price and low running cost.

The needle selection unit consists of replaceable cassettes, to ease maintenance or repair.

Very low power consumption of PIEZO, less than 1/10 of the solenoid, is highly effective on energy saving and CO₂ reduction.

No heat generation such as solenoid, no need for cooling fans, no worry in the midsummer heat.



Driver Box and Piezo cassette

Easy operation

Familiar user interface using Windows PC as controller.

Weaving software is provided for your pattern data in major electronic jacquard manufactures' format, which can be saved on any storage device such as USB flash drive, memory card, etc. or sent through internet / e-mail.

◇Models◇

EJ-S-CC

[Electronic Jacquard – Single lift – Center Closed shedding]

Compact multi-hooks jacquard for single-lift shuttle or rapier looms.

Able to weave at medium speed less than 250 rpm.

Small sized but sufficient maximum load of the hooks, especially required on the complex weaves, such as the famous Nishijin weaving in Kyoto.

EJ-D

[Electronic Jacquard – Double lift]

For high speed shuttle or rapier looms, for general or special textile, carpet, available in any custom specifications.



EJ-D

◆Shedding

	single lift / double lift		closed / open	parallel / oblique		shedding height (mm)	load per hook
EJ-S-CC	○		center closed	○	○	75 - 125	1000g
EJ-D		○		○	○	58/58 – 90/120 (36 levels)	1000g

◆Hooks

	96	128	192	1344	1536	2560	2688	3072
EJ-S-CC				○	○	○	○	○
EJ-D				○	○	○	○	○



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