

For one piece and tall box style.

Eco-stitcher is the machine to create a safe and secure packages products to people who can open the box easily without using a cutter knife, etc., by simply pulling the thread out.

Eco-stitcher Thru-long

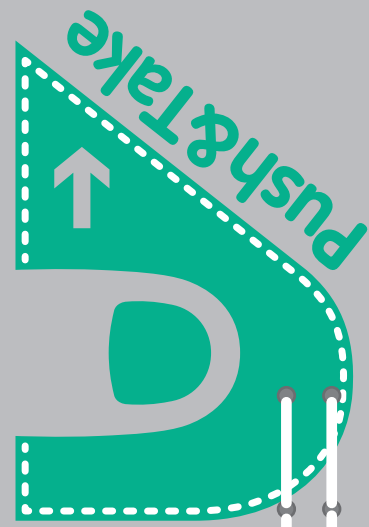
3-less points

- ① NO Rust&Scratch.
- ② NO Para-Adhesion.
- ③ NO Classification processing.
Because the thread is made by pulp.

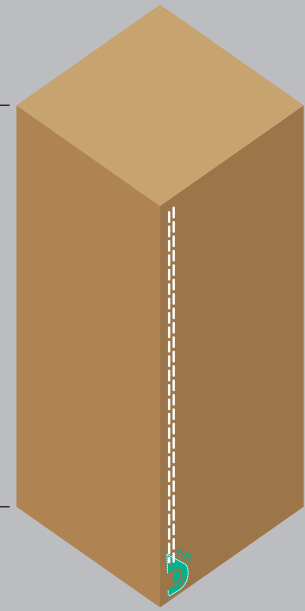


5 Good-points

- ① Seat straightening work of the heavy labor disappeared, and long-time work was enabled in the women. The operation rate only for women can reduce work cost by possibility more than 50%, too.
- ② Stitched cardboard boxes can be unpacked just by pulling out the yarn without use of tools.
- ③ Accommodates corrugated boxes 100 mm wide or more.
- ④ Achieves higher compression strength of stitched boxes as compared to that of wire-seamed boxes.
- ⑤ Contributes to reducing CO2 emissions. According to the estimation in life cycle assessment, CO2 emissions are reduced by 1.16 g per corrugated box.



The height of cardboard box depends on the width of corrugator.



Acceptance case format.

Semi A style.
(example, refrigerator box)
The suture distance manage with a sensor.

Tube style of cardboard
The suture distance manage with a sensor.

Regular A-style
The suture distance manage by number of sutured

For three format depends on specification program we discussed.

Easy work also for women-labor power.



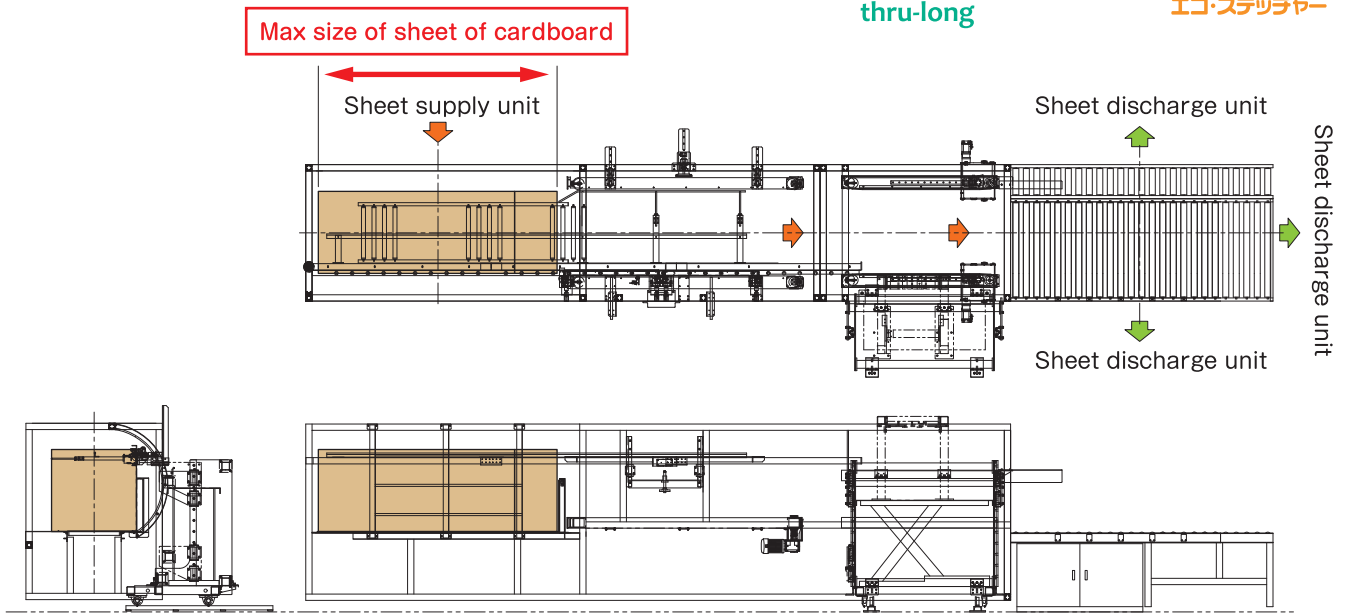
Set the cardboard on the machine.



Sheet will bend 90 degrees naturally. The set can also be in the power of women.



Suture starts automatically, and the box will be ejected.



Accepted dimensions of the case

Width of the case	Min 100mm (inside size)
Length of the case	Decided after consultation
Height of the case	Decided after consultation
Machine size is depends on you order.	

■ Mechanical specification

Eco-stitcher thru-long	
Sewing machine	One way sewing system
Sewing method	Straight 2-lines, Single chain stitch
The width of the seam	12mm
Sewing pitch	The middle pitch is 15 mm The last pitch is 7.5mm twice
Sewing speed	9M/M
Cutting system	Automatic thread cutting device
Thread	Specified thread
Needle	Specified needle

Eco-stitcher is the machine to create a safe and secure packages products to people who can open the box easily without using a cutter knife, etc., by simply pulling the thread out. We can supply three kinds of Eco-stitcher on demands.

★ Eco Stitcher, a stitching machine of such packages awarded "Nagoya Mayor Prize" in Nagoya Industrial Technology Grand Prix 2013.



※ Machine size is depends on max sheet.
※ Dry filter or dryer needs.

Inquiries about Eco Stitcher to ECOS CO.,LTD.

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For information of Eco Stitcher

<http://eco-stitcher.info>

For information of packages stitched by Eco Stitcher
<http://eco-labo.info>



The Eco's Co., Ltd. caught the authorization for partnership business as "production, sale business of the suture machine for exclusive use of the corrugated cardboard using an exclusive thread" on February 4, 2013. Morimoto Mfg. Co., Ltd is in charge of sewing machine. Kojima ironworks Co., Ltd is in charge of the design and development of corrugated cardboard transport system. and work evaluation.

Check !

Eco Stitcher Lab

