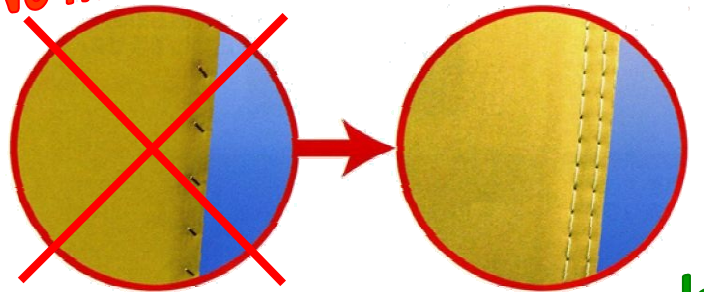




Corrugated Cardboard Closing Machine
(Patent Pending)



No more Wire or Glue

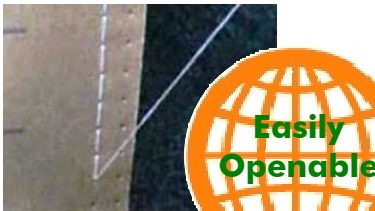


Joined with threads
(100% pulp yarns)

Features / Advantages of the ECO

Easily undone & openable !

No need to use cutters!!
Threads can be pulled out simply by hand.



No need to lift heavy stuff!!
Goods can be taken out from the side.

Durable & ECO-Friendly !

- ◆ Resistible against 4000 times of friction test.
- ◆ Stitches are not coming apart even if threads are damaged.



- ◆ 59% decrease of CO₂ emission
[LCA by ISO 14040 (2006)]
- ◆ 100% pulp yarns are used.
→ 100% recyclable



◆ Machine Technical Data

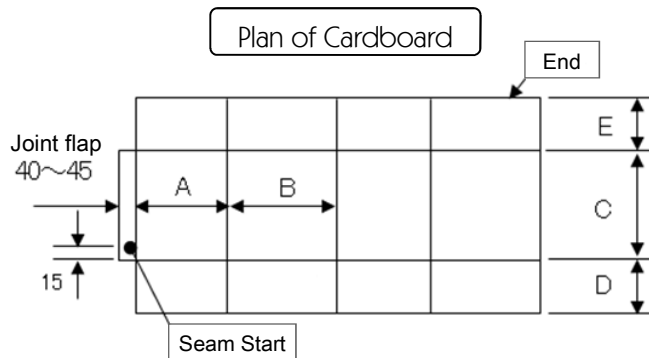
Sewing method	2 needles, single chain stitch
Operation method	Insert of material : MANUAL from front Output of material : AUTOMATIC from front
Gauge	2 needles, 12 mm needle distance
Stitch length	15 mm (only the first & the last stitch are automatically condensed to 5 mm)
Machine speed	400 SPM (400 stitches per minute)
Machine dimensions	W 1242 mm x L 1819 mm x H 1646 mm
Machine weight	400 kg
Air consumption	110 L / min. (at 0.5 MPa)

* Recommended compressor capacity : over 1.5 Kw (2PS)

◆ Machine Productive Capacity

10 cartons per minute
(6 seconds per carton = 4 sec. for sewing + 2 sec. for loading & unloading)

◆ Cardboard Data



Cardboard Size

	Min. (mm)	Max. (mm)
A	160	885
B	165	1220
C	100	
D	70	
E	70	
T (C+E-15)		1050

◆ Comparison of Strength (Water Intensity Peel Test)

■ Wire ■ Glue ■ **ECO Stitcher** エコスタッチャー

