

1/2 Lane Sheet Folder
 【with Convertible Chest Outside/Inside Folding (1 Body & Compact type)】

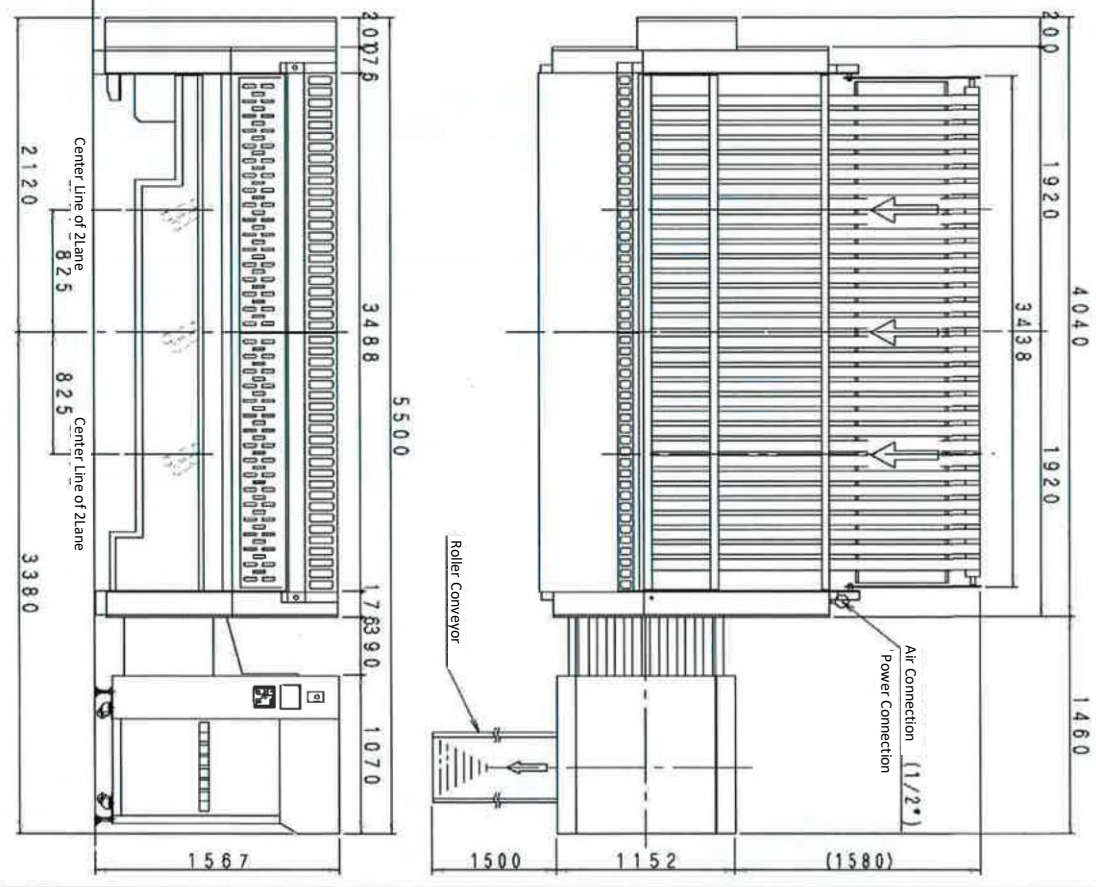
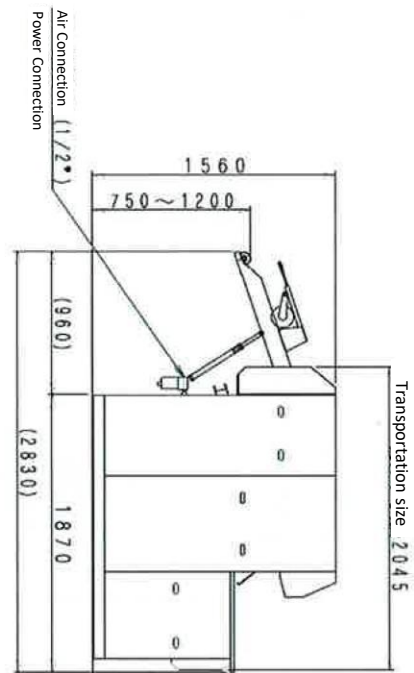
SG2-3C-33



東都フォルダー工業(株)

Product Name	1/2 Lane Sheet Folder with Stacker (Convertible Chest Outside/Inside Fold)	
Model	SG2-3C-33 + S03N	
Compressed Air	Pressure	518 / cm ²
	Quantity	210 (L / min)
Electric Power		AC 200V 3相
		4.05kW
Conveyor Speed	20 ~ 60 (m / min)	※At Chest Inside folds, 40m (m / min)
Weight	2300 (kg)	
Folding Patterns	1 Lane: 4 Folds, 16 Folds, 32 Folds or Bypass by Chest Outside or Inside Folds (Max. Width 3300mm x Max. Length 3000mm) 2 Lane: 4 Folds, 16 Folds, 32 Folds or Bypass by Chest Outside or Inside Folds (Max. 1550mm x Max. Length 3000mm.)	

Note:
 1. High Position Stacker in this drawing is an optional item.
 2. This drawing shows the right side discharge model. The right side discharge model is opposite right and left.



SG2-3C-33

- Compact in design with Primary fold and Cross fold sections
- Having Chest Inside fold function, short in depth, which saves the total space

- Employing Forward/Reverse conveyor for 1st Primary fold, which makes precise folds of even thick items like tablecloths
- Employing knife mechanism at all Cross folds, which makes precise and sharp folds

- Equipped with "Traffic Control System", even 2 sheets fed at the same time are smoothly folded and discharged without being overlapped. (at 2 Lane operation)

- Full color Touch Screen makes it easier to monitor the production situation, understand an error (if happens) and change the modes.
- Up to 20 modes can be stored, which makes it possible to set the most appropriate mode for each item.

Dual side folding (Chest Outside / Chest Inside)

◆ Chest Outside

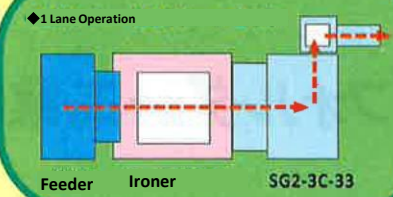
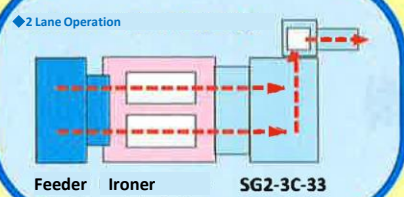
● Folding Pattern that the front surface at the time of feeding is to be the upper side by changing the modes.

◆ Chest Inside

● Folding pattern that the front surface at the time of feeding is to be folded inside (to bring out the Ironer Chest side) is also performed.

1 Lane / 2 Lanes Machine

- In combination with 1/2 Lane Spreader-Feeder, sheet and/or cover line in 1 Lane or 2 Lanes are operated. So, a versatile line will be easily built.



Traffic Control System

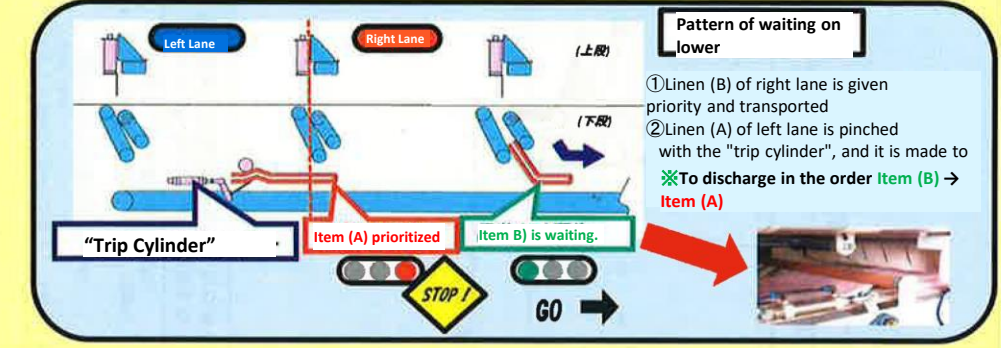
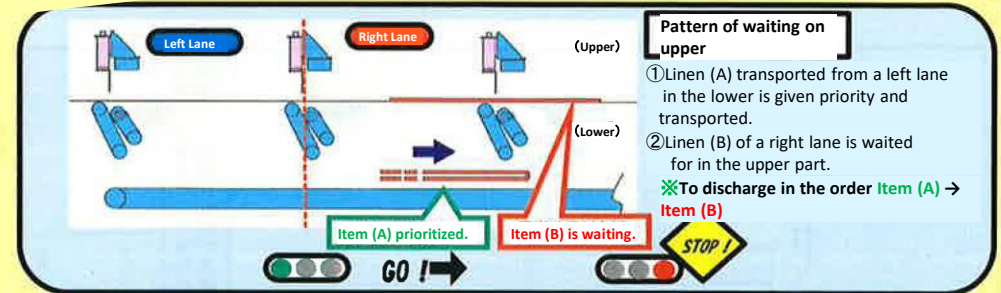
◆ What is "Traffic Control System"?

- Even if 2 sheets come into each lane at the same time during 2 lane use, "Traffic control system" works to prevent from overlapping each other.

- PLC adequately judges linen is at which position of the cross folder. PLC uses "traffic control" of two patterns (upper and lower) properly by the position of linen, and transports linen to the stacker efficiently.

CLOSE UP

Traffic Control which improves productivity !!



Features of Cross Fold section

◆ First Cross Fold section

- Knife & belt conveyor system is adopted. The belt conveyor absorbs the thickness of items, sheet can be folded regardless of the thickness or hardness. Maintenance can correspond by exchanging belts.
- Linear Cylinder keeps initial performance for long.



◆ Second Cross Fold section

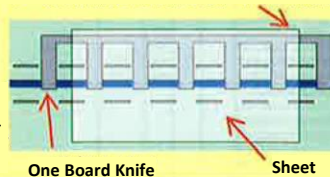
- Combination of Forward / Reverse Conveyor and Knife folds even thick items accurately and sharply.



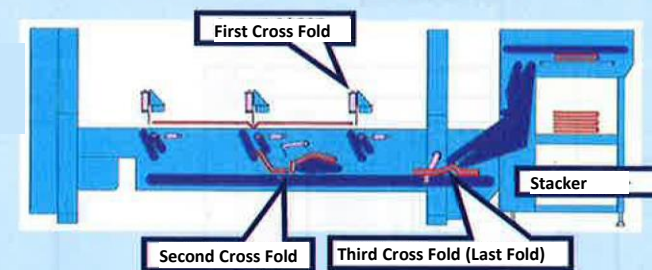
Wherever sheets ends are, the knife will definitely catch them.

◆ Third Cross Fold section

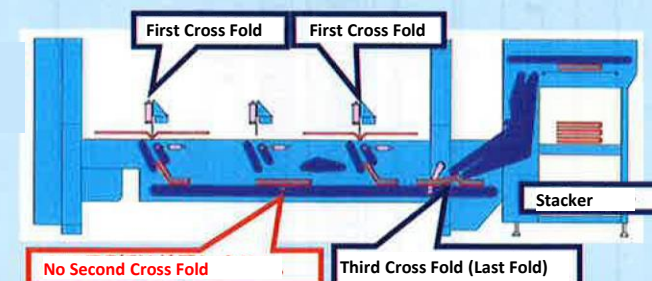
- One board knife is adopted. Sheet can be folded regardless of the thickness or hardness.



★ 1 Lane Operation



★ 2 Lane Operation



Compact in design

The machine depth is shortened by approx. 600mm.

Compact !!

★ SG2-3C



VS2F-3C



- By integrating Primary fold unit and Cross fold unit, the machine gets more compact. Keeping Chest outside / inside fold function which is the feature of VS Series, the machine depth is shortened by approx. 600mm.

Simple and easy operation !



- Full color Touch Screen displays production status, an error situation (if happens) and offers easy changes of operation modes.