

# FOLDER

Toto Folder's product information magazine "FOLDER" Total Finishing Solutions

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SONIC-CS3-33

Special Feature

## New Sheet Feeder / Spreader

SONIC-CS3-33 and others



Now available at YouTube



Official Web site  
also distributes  
the video

**TOTOFOLDER**  
東都フォルダー工業株式会社



### Evolution of Clamps

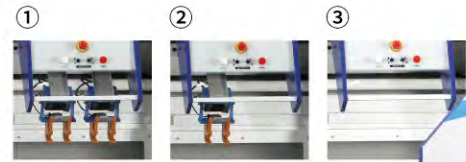
2 sets of clamps belong to one feeding station. New function of "one clamp rising at a time" is equipped. This function makes it easier to find another end of a sheet, which smoothen the operations.

### Employment of electric actuator

Employment of electric actuator enhances position control, which enables items to be transferred to spreading clamps more precisely.

### Spreading clamps

Comparing with the conventional feeder, height increases by 100mm, which prevents the trailing edge from being dragged on the floor



SONIC-CS3-33

### Operator-friendly functions

- ① Employment of compact cylinder to open/close feeding clamps makes insertion of items to the clamps easier and smoother.
- ② Feeding height and angle are adjustable to the most proper position for an operator.



③ Lighting at hands decreases operator's burden.

### Bypass feeding option

Bypass feeding option is equipped as standard like our conventional Feeder series. Programs can be selected to suit items like large tablecloths, pillowcases.



### Easy access to the side cover

Double doors are easy to open / close without time and labor to remove a heavy cover.



# In pursuit of more "Comfort"

## Spreader / Feeder

# SONIC-CS3-33

This is the new model in Spreader/Feeder SONIC series.

Exterior appearance is redesigned. Various functions for operators to work more comfortably are pursued. "One clamp rising at a time" clamp system is employed, comfort at working process is taken in and achieve efficient feeding works.

### New functions at clamps decreases operator's burden

Two sets of orange clamps are attached to one station, and it is equipped with a new function that raises one side at a time. It saves you the trouble of searching for the edge of the sheet, making it easier to put in.

#### SONIC-CS3-33 Input procedure

**1** Insert a sheet into clamps (1 set)

**2** Clamps (1 set) with a sheet inserted automatically rise

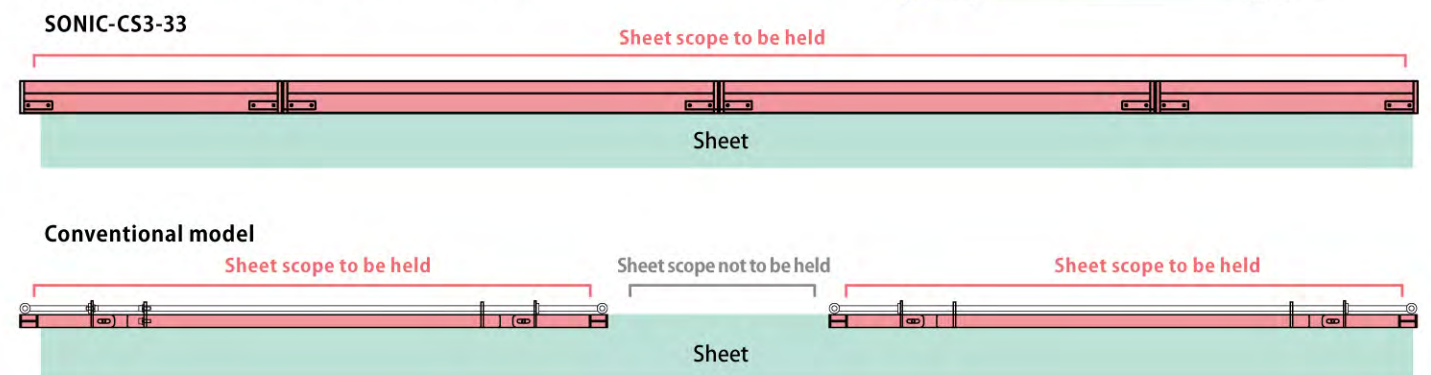
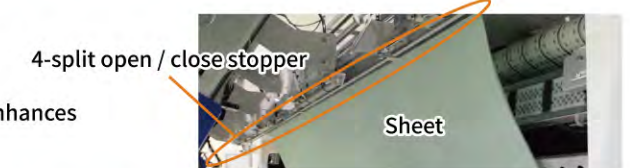
By raising one side  
Easy to find the input part!

**3** Insert a sheet into another clamps

**4** Like 2., the clamps rise and a sheet is transferred to spreading clamps.

### Enhancement of function to prevent from wrinkles and sagging at feeding

4 split open / close stopper holds items in entire surface, which enhances prevention from wrinkles, sagging and dropping.





### Commitment to Quality 1

Using more proper folding methods by items characteristics improves finishing qualities more.

### Folded width can be adjusted in millimeter scale.

While folded widths were adjusted by S/M/L size at conventional garment folders, this model can adjust the folded width between 180 – 300 mm in millimeter scale.

More efficiently

Uniform folder with 2 stackers

# WFO-JUMP2-HG-2STAC

### 3 feeding methods

Like the conventional models, 3 types of feeding methods are selectable. The most proper feeding method can be selected according to the characteristics of items.



#### Automatic mode

Completely automated feeding method



#### Semi-automatic mode

Operator can make small actions such as tightening buttons of items at the feeding section.



#### Manual

Operator can directly feed items.

### Commitment to quality 2

New sleeve folding mechanism makes it possible to fold sleeves at the right angle to the torso, which improves folding quality and prevents items from being clogged.



### Employed transparent sliding door

For easier operation and internal check.

2 stackers offer various patterns of discharges. This machine reduces operator's burden of troublesome works like "sorting works after items discharged" and improve their work efficiencies.

In addition, a lot of improvements have been made, which results in increase of quality.

### More efficient operations by various setting modes

As positions of stacking can be selected by every item size and/or type to be recognized by the machine, more proper discharge ways can be set according to the item.

#### Example | Mixed feeding of patient wears & lab coat and sorting to 2 stackers

**Setting Screen**

**1-Settings**  
Set "Individual" at the way of stacking, then select "Wear Small A" & "Pants Small A" for patient wears and "Wear Large B" for lab coats.

**2-Feeding order**

① Patient wear (shirt) ② Patient wear (pants) ③ Lab coat ④ Patient wear (pants) ⑤ Lab coat ⑥ Patient wear (pants)

**3-Discharge**  
Discharged to the set exit in accordance with the feeding order

Stacker A: Stacking in the order... ①→②→④→⑥  
Stacker B: Stacking in the order... ③→⑤

### Only mode change to switch Chest up and Chest down

Chest up and Chest down of each mode are selectable without changing directions of hanger set.

	Chest up	Chest down
Other models	Set as Chest up	Set as Chest down
WFO-JUMP2-HG		
WFO-JUMP2-HG-2STAC	Only change of modes is enough. The side at feeding does not matter.	

**CHECK**

**Chest down mode**

Chest down discharge can be done without changing hanger directions only by set "Chest down mode".



**Cornerless feeding**

Cornerless feeding mechanism that simply place the center of the item on the conveyor. The machine will automatically find the both ends of the item and spread it.



**Prevention from entanglement**

In case that hands are entangled into a conveyor, the conveyor will automatically rise and the machine will stop immediately.



A full series of works integrated.

Blanket Folder

**BFS-2-30**



**Convenient small sliding window**

Equipped is a small sliding window from which the inside can be observed easily.



**Safety Door**

When the door opens, the machine will automatically stop. You can securely and safely pick up dropped items if any.



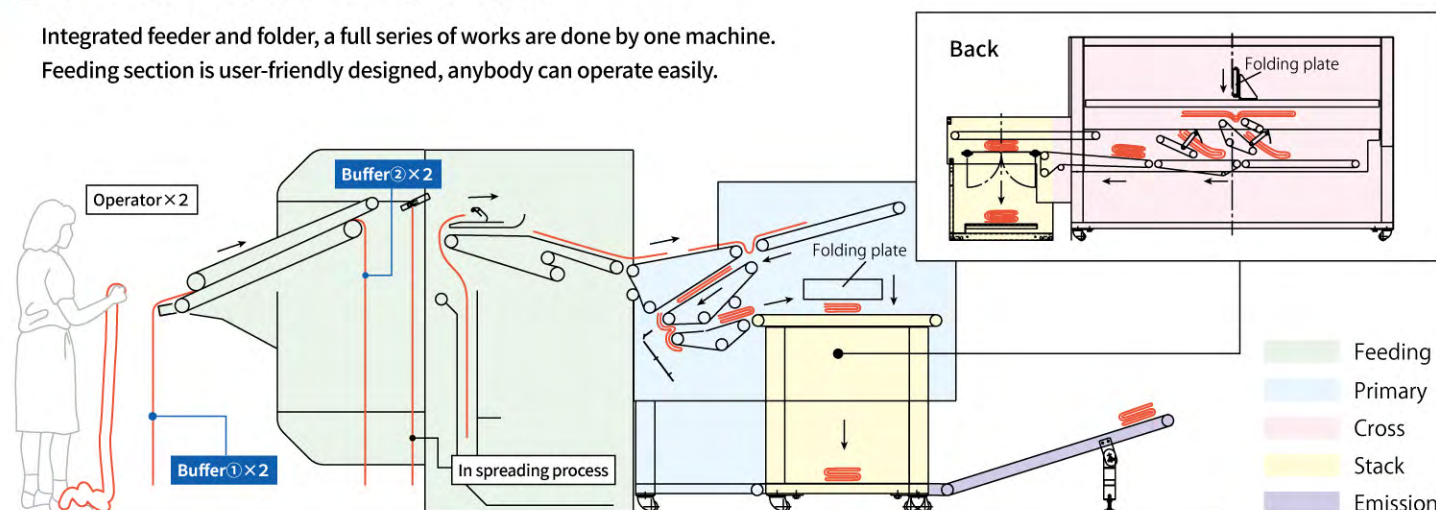
**Buffer function**

2 pieces can be buffered at one feeding station. Max. 4 pieces can be stored.

New blanket folder with 2 feeding stations where 2 operators can feed simultaneously. Comparing with 1 feeding station model, the width is larger and so larger items are folded. Considering safety, automatic stop function to prevent entanglement into the conveyor is newly added. 2 operators work simultaneously, processed quantities will be increased and work efficiency will improve.

**Just one machine from feeding to folding**

Integrated feeder and folder, a full series of works are done by one machine. Feeding section is user-friendly designed, anybody can operate easily.



**Typical folds** \*Depending upon sizes of items, the numbers of folding vary.

(Target items: All dry works such as blankets. Length 1,000 – 2,000mm x Width 1,600 – 3,000mm)

Example	Primary		Cross		
	1st Primary	2st Primary	1st Cross	2st Cross	3st Cross
	↓	↓	↓	↓	↓

Folder for various types of garments

# T-BOX

You have only to put garments into clamps and T-BOX will fold them swiftly and beautifully. A very compact machine can be installed at various places.

## Process various types of garments

Not only T-shirt, pants, uniform, but also (thin) sweater, white shirts, etc. can be folded.



● shirt



● pants



● Long sleeve shirt



### Finishing quality improved

Modifications inside improve finishing quality.



### More compact

Now front discharge is available, which brings further space-saving. Recommendable for one person operation.



Machine size		Item		
Width	879mm	Jacket	Width	Max. 680mm
Depth	1,447mm		Pants	Length
Height	1,539mm			

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(Weekdays from 08:20 to 17:20, exce National Holidays)



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