

FOLDER

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

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Special Feature

New Products Announcement

"T-BOX", Folder for various types of clothing, and others models

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TOTOFOLDER

東都フォルダー工業株式会社



Greeting

Taking this opportunity, I would like to express my sincere appreciation for your patronage of our products.

In the year of 2020, we developed 15 models of new products under the theme of "Easy, Precise and Speedy". We should have held our private exhibition last autumn to demonstrate these new models, but, due to COVID-19 pandemic, it could not have been.

Instead, we started announcing them in our Web site and our product information magazine "FOLDER" from December, last year. This edition of "FOLDER" announces the 9 new models among them.

If you are interested in any of these models, please feel free to contact us.

Yusuke Maeshima
General Manager
of Technical Division
Managing Director





Container Reverse Unit **BAG-DROP**

Works to pick up linens from containers delivered to a linen factory are heavy-loaded and labor consuming. And, traditional direct touches to unwashed linens should be avoided from a hygiene point of view.

Therefore, we developed "BAG-DROP" to reduce labor burdens and risks. This is a completely new type of Container Reverse Unit considering footprint, safety and work flow line in comparison with the conventional ones.

1 Easy Preparation, just installation



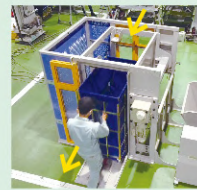
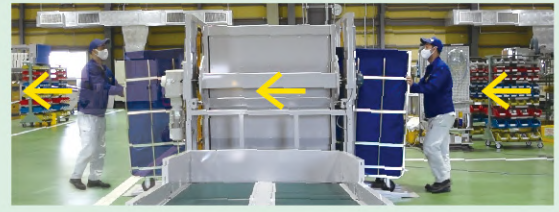
Linens are supplied by only setting up a container and pressing a switch. You will never touch linens directly.

2 Possible to feed a large quantity of linens at one time



A full container of linens is supplied at one time. Larger reverse degree by 20 degree and addition of "Shaking off" function significantly improve linen discharging efficiency.

3 Design taking linen factory environments into consideration



Setting "Entrance" and "Exit" in one way, duplication of container-in route and container-out route is eliminated. Vacant containers are transferred straight to a collecting place without making U-Turns.



Cloth Folder **T-BOX**

T-BOX folds various types of cloths, such as T-shirts, polo shirts, long sleeve shirts, thin sweaters, pants with simple operations. Due to its small size, it is expected to be used at not only a linen factory but other various facilities. (Size: W 930mm x L 1,340mm x H 1,460mm)

1 Folding various types of cloths



● Shirt



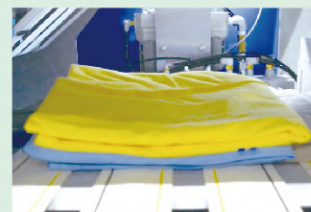
● Pants



● Long sleeve shirt

T-BOX folds (thin) sweaters, shirts as well as T-shirts, pants and work wears. Operation is very simple, only to set shoulder portion into clamps (in case of pants, to set waist portion). Final folded sizes are adjustable and you can get folded cloths with same width and length.

2 Random feeding for any types of cloths is available



T-BOX folds various types of cloths such as T-shirts and pants even if they are fed randomly. One person optimally works, because folded cloths are stacked and discharged in the direction of an operator.



Towel picker **QPT**

“QPT” is the product developed to reduce your employees’ labor burden as much as possible in their aging situation growing up. Towels are picked up from a pile of towels and handed over to operators. As operators can catch towels by just reaching out a little, their loads will be decreased and productivity will be increased.

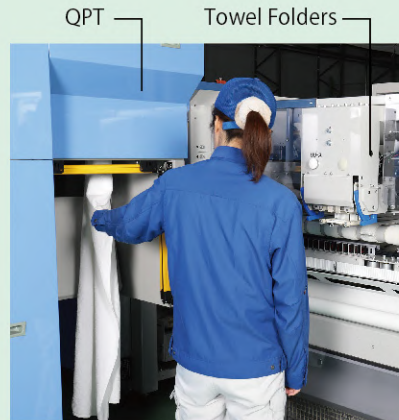
1 Easy Preparation, just installation

The machine picks up a towel one by one and passes it to an operator’s hand. The operator works on his own pace because QPT keep towels until the operator holds his hand over the discharge port.



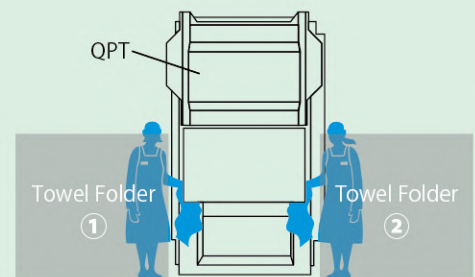
① Picking up a towel

② Feeding a towel



2 One QPT supplies to two Towel Folders

Equipped with the structure of distribution to the left and right, one QPT combined with two Towel Folder can be deployed in the factory.

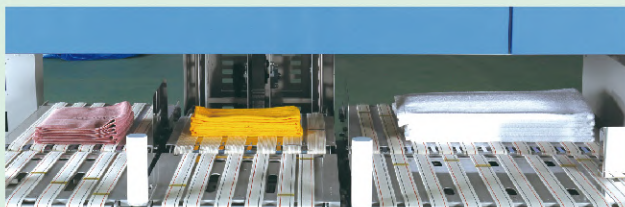


Super Multi Towel Folder **TB-100K**

Enabling random feeding of bath mats in addition to bath towels and face towels decreases labor burden further. There is no “delete” action depending upon the type, which will improve the work efficiency. Combination with Towel Picker is expected to bring significant productivity increase.

*Super Multi French Folder, TB-100F is also line-uped.

1 3types of towels are automatically distinguished and folded



Random feeding of bath towels, face towels and bath mats is possible. The machine automatically distinguishes the type. Multiple types of foldings (French folding, 4 folding etc.) are made.



● Face towel

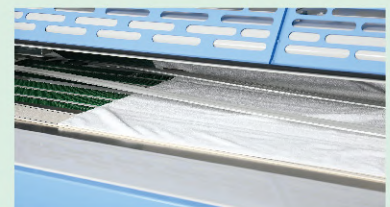


● Bath towel



● Bath mats

2 High speed finishing



Quick finishing is realized by use of high speed pull-in technology and braking control technology.



High Speed Sheet Folder **RAPIDE-JET**

A new model, "RAPIDE-JET" has been added to the Cornerless Feeder "RAPIDE" series.

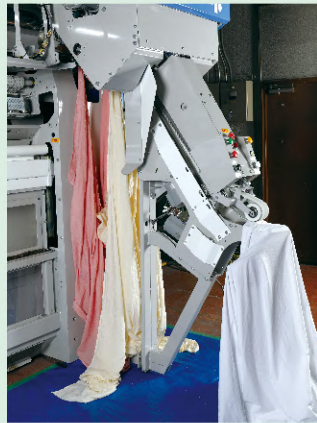
Changing feeding method from plugging sheets into clamps to placing sheets onto a conveyor, the feeding works get easier and the efficiency is improved.

1 Fewer operators, but higher productivity



Improvement in feeding method increases the feeding amount per person. Feeding quantity to RAPIDE-JET by 2 operators is same as the one of conventional RAPIDE by 3 operators.

2 Equipping of Buffer function



The buffer function ensures a stable supply. Changes of the stand-by position of clamps make buffer transferring timing more appropriate, which leads to more efficient spreading.

3 Conveyor Feeding also available



Direct feeding through conveyor is also available.



High Speed Sheet Folder **HS-VS1V-N6-35K**

To respond to the spread of Gas Ironers, this High Speed Sheet Folder which can handle more than 60m/min has been developed. More speedy folding will improve productivity.

1 Longer life

Timing belts are employed at all the drive units, which ensures higher speed, more stable, less maintenance and longer life.



2 Improvement of stacking preciseness

Employment of Brake motors decreases variation of stop preciseness from high speed at slide conveyors and stacker conveyors, which leads to improvement of stacking preciseness.

4 Speeding up motions

By optimization of shapes and decrease of weights of components such as knives at each folding section, more speedy motions are realized.

3 Employment of new technology motor

Employment of new technology motor prevents conveyor speed from being reduced caused by shrink of belts.

5 Quick and beautiful

At Cross folding sections, components for optimization of Conveyor speed and improvement of preciseness are added in order to realize beautiful folding even at high speed.



Towel Feeder

TFE



1 Realization of clamp feeding



Even beginners can easily operate and variation of finishings will be decreased.

2 Towel Position Automatically Corrected



Setting any part of a towel into clamps, towel positions are automatically corrected and fed to the feeder.

Protective Clothing Folder

WFO-JUMP-JX



1 Only easy works without complication



This machine is a manual feeding dedicated folder. When items are fed with chest side back, they will be finished with chest side up. Arrangement of strings, etc. could be easily done.

2 Convenient foot switch



Works could be smoothly done without extra actions.

Gas Heated Large Chest Ironer

T-ROLL GAS

We developed "T-ROLL GAS" which is changed from Steam heated "T-ROLL" Ironer to Gas heated to the market where gas fuel ironers are getting main.

1 More powerful but less fuel consuming

Comparing our Steam heated Ironer T-ROLL (3 Rolls type), T-ROLL GAS with 2 Rolls performs equal or better. You will get the same finishing with less energy consumption, which means you can enjoy lower running costs.





The next announcement to be in February

The next new products announcement is released on YouTube's Toto Folder official channel in February, 2021. Blanket Folder, new RAIL, new Feeder, etc. will be introduced. Please take a look!

Video distribution on YouTube

Various information such as product information will deliver it.

Check the QR code on the right ▶



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