

ROBOCUT System

General Catalog for ROBOCUT System

Front paper feeding unit

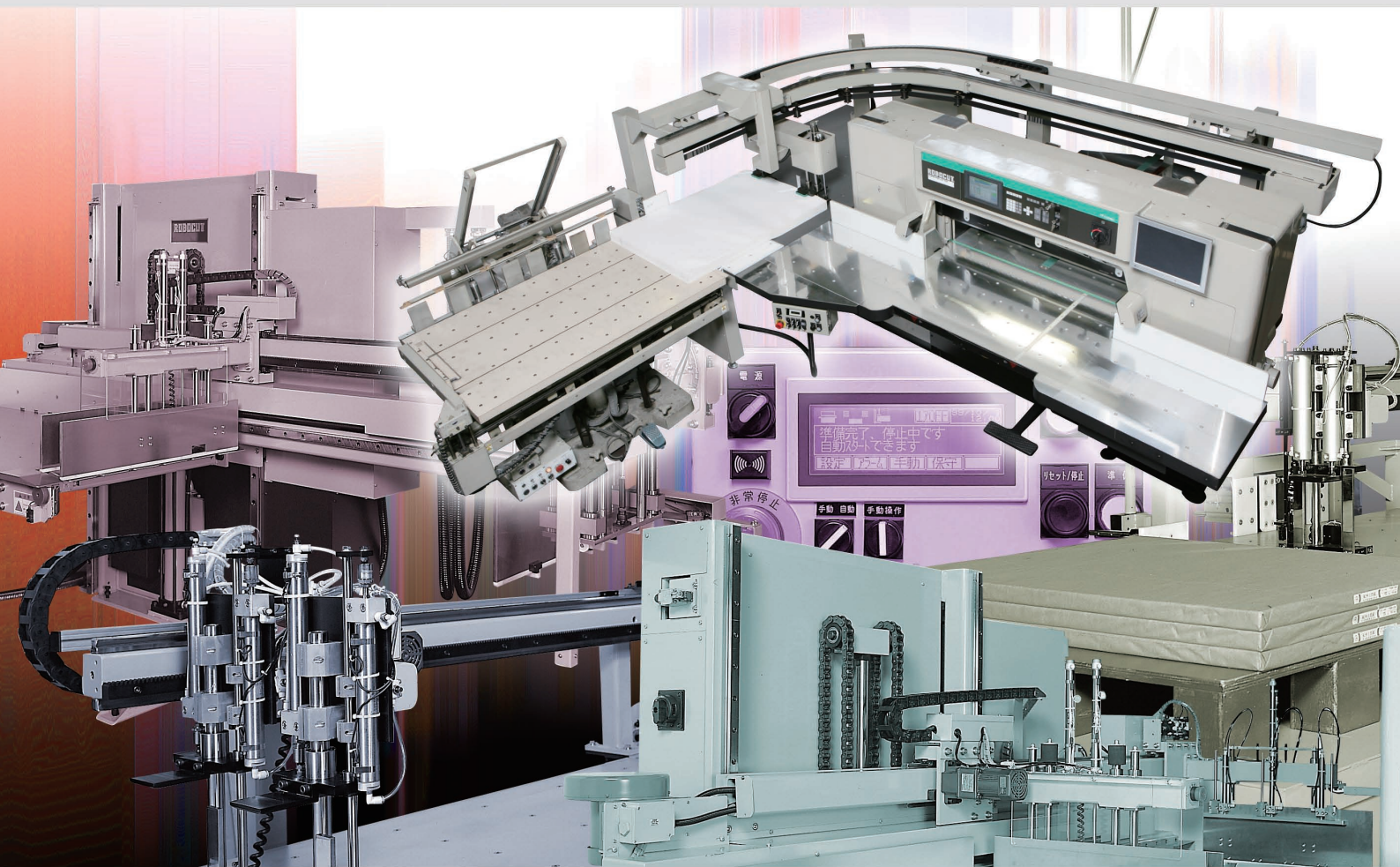
Front loading system

Rear paper feeding unit

Side loading system

Paper discharging unit

Unloader



 **ITOTEC**

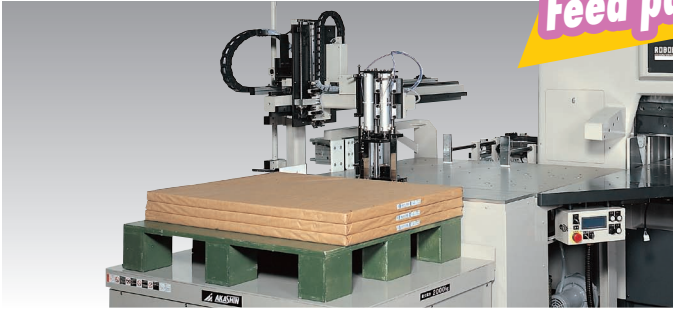
Front loading system 1.4

front paper feeding unit

ROBOCUT FRONT LOADING SYSTEM

With the simplicity in the handling of paper together with the pallet, the setting time of the operator is reduced.

RFL 1.4 Front loading



Feed paper while peeling off mill wrapper!



Front grip

This model grips the front end of paper and pulls it. No damage is caused and the method is applicable for every paper quality.

Table lifter

The table lifter, on which the paper is stacked, automatically moves up while the paper is fed.

Gripper for mill wrapper

While you are peeling off mill wrapper, the desired amount can be stacked on the side table.

Front layout

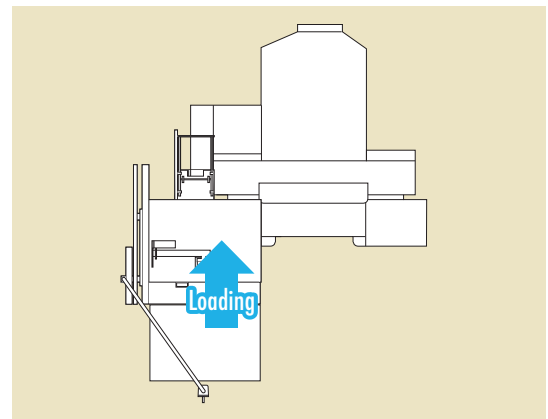
The layout surrounds the operator so that the movement of the operator is the shortest and the loss time is reduced to a minimum, even during single-person operation.

Air gun

Air guns blow compressed air between sheets so that each sheet floats with a slight force.

Layout plan

eRC-115DX / RFL1.4L / RU4.0RB



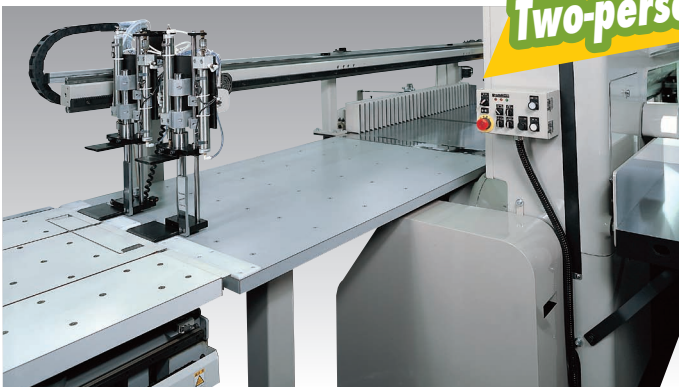
Side loading system 1.2

rear paper feeding unit

ROBOCUT SIDE LOADING SYSTEM

The time difference between paper sorting and paper cutting work is absorbed so that the maximum efficiency of the paper cutting machine is achieved.

RSL 1.2 Side loading



Two-person operation for maximum efficiency!



Gripper pull type

The gripper sandwiches the paper and pulls it. Paper distortion experienced during operator-handling work can be avoided.

Gripping performance

The gripping performance allows the pulling of paper without causing paper distortion even if paper is stacked to the maximum height.

Stock table

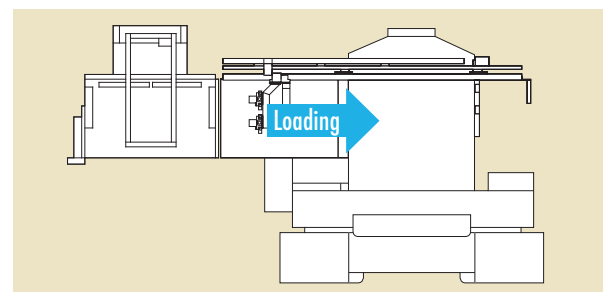
The air table for stocking keeps paper until paper cutting work is finished, absorbing the time difference.

Labor-saving operation

Through operation with the paper jogger provided with a feeding function, paper transfer work can be eliminated, reducing the labor of the operator.

Layout plan

eRC-137DX / RSL1.2L / Paper jogger with feeding function



Side loading system3.1

rear paper feeding unit

ROBECUT SIDE LOADING SYSTEM

L-shaped layout paper feeding system using the limited space to the maximum

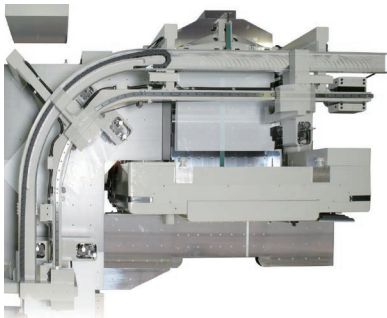
RSL 3.1 Feed paper from the front and send it to the rear.

Single-person operation, space saving!!

NEW



To feed paper from the front of the paper cutting machine and send it to the rear, you have had to combine front loading RFL 1.4 (1.2) and rear loading RSL 1.2. With this method, the cost is doubled and it takes time to move the paper over by hand." RSL 3.1" eliminates these two problems at the same time.



The L-shaped layout and one-chuck transfer have made it possible for both the operator and paper to move with the shortest loss time, realizing high accuracy and productivity and low cost.

The full performance of the paper cutting machine is achieved. The maximum paper size is 800 x 1100mm with the eRC-115DX model and 900 x 1300mm with the eRC-137DX model. The maximum feeding paper height is 165mm, so you can handle the full paper height capacity of the paper cutting machine.

L-shaped layout

The L-shaped layout has been adopted so that the dead space around the paper cutting machine can be used effectively. Less limited space is required with this compact design.

One-chuck transfer

The one-chuck transfer, which enables paper transfer without interruption in spite of the L-shaped layout, has been adopted. Paper is fed from the front of the paper cutting machine to the rear along a smooth line without any danger of paper distortion.

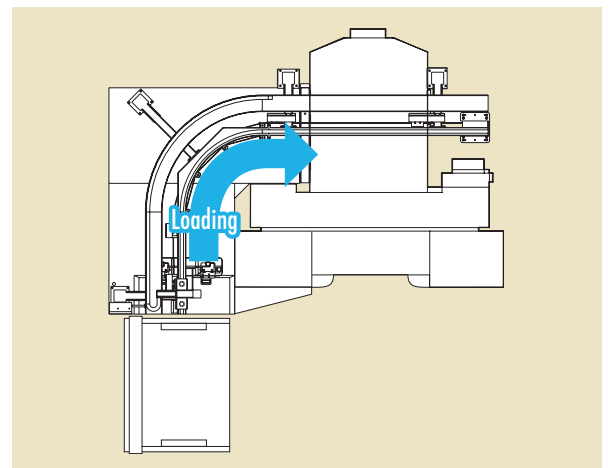
Stocking function

Of course the paper can be kept at the stock location during operation of the paper cutting machine, similarly to the rear loading RSL 1.2 model. You can work without considering the circumstances, contributing to the absorption of time caused by staggered work.



Layout plan

eRC-115DX / RFL3.1L / Paper jogger



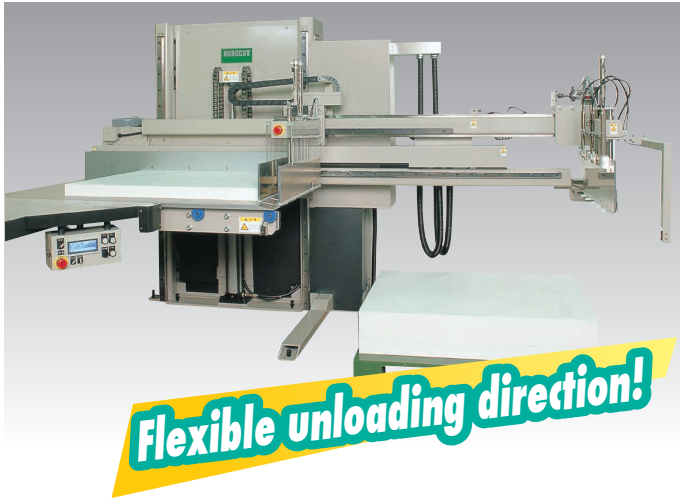
Unloader 4.0/4.1

paper discharging unit

ROAD CUT UNLOADER

The cut paper is stacked on a pallet to reduce the burden on the operator.

RU 4.0 Front discharging



A keypad type LCD is installed. With error indication, self-diagnosis and so on, the ease of operation has been improved.



Self-diagnostic function

Automatic diagnosis is made to check that the safety sensors are normal when the system starts. The safety is ensured.

Error message function

When an error is caused, the erroneous point and the date and time of occurrence are displayed in a message and kept in a log.

Floor mounted pallet design

Can be set for any paper cutting machine. The floor mounted pallet design has eliminated pit work.

Slide down method

The slide down method, with which the table lowers while sliding toward the pallet, reduces the operation time.

Various setting functions

The approach pressure and drop timer settings are digitally displayed. Certain modification procedures can be made.

Maintenance function

Various data helpful during failure or maintenance can be displayed.

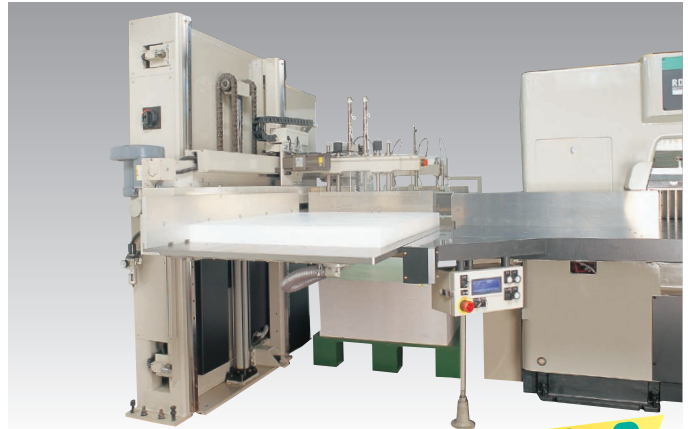
Simple operation

Even when the paper size is changed, there is no need to change the setup. Operate a switch and paper is stacked on the pallet.

Flat finish of rear side

The rear side is finished with a flat face for effective use of limited space. The unit can be installed in close contact with a wall.

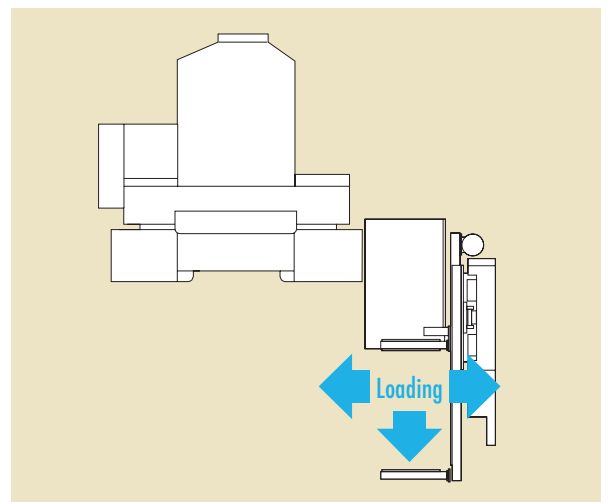
RU 4.1 Rear discharging



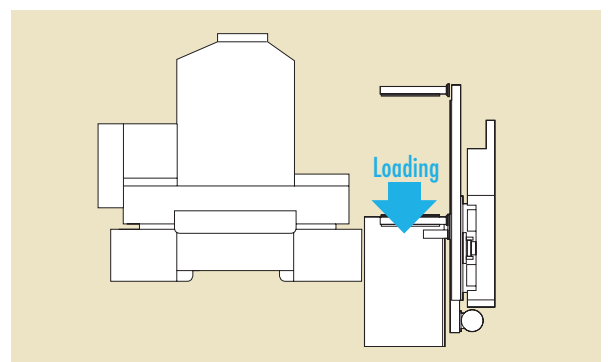
Rear view

Layout plan

eRC-115DX / RU4.0RB



eRC-115DX / RU4.1RB

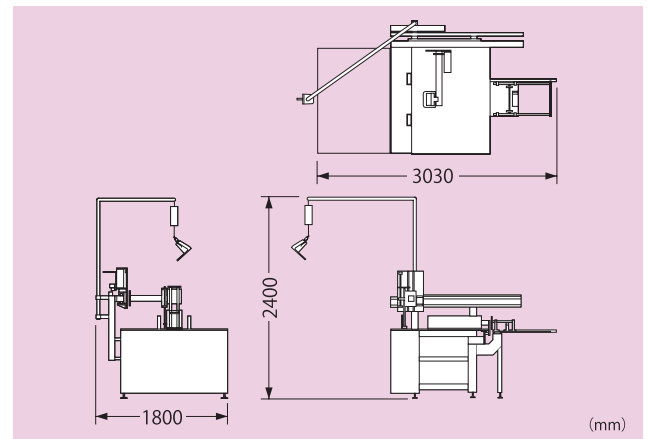


Specifications of machine

RFL 1.4 Left Right

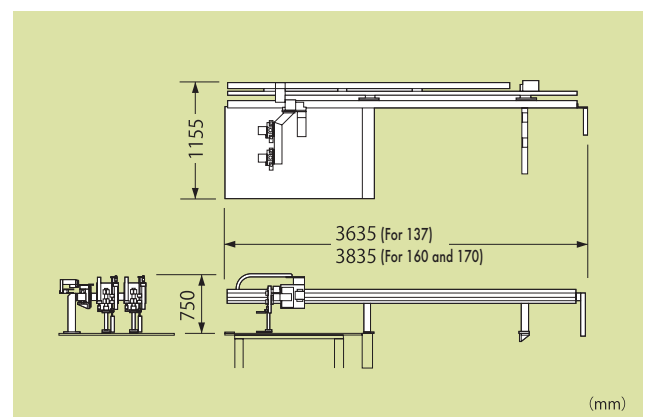
| | |
|-----------------------------------|-----------------|
| Max. paper size | 900×1300mm |
| Max. paper feed height per bundle | 165mm |
| Min. paper feed height per bundle | 30mm |
| Table height | 850 to 950mm |
| Applicable paper cutting machines | Size 137 to 170 |
| Table lifter | 930×1350 |
| Table size | 1400×1000mm |
| Weight | 1300kg |
| Total electric capacity | 5.0kw |

Dimensions of machine



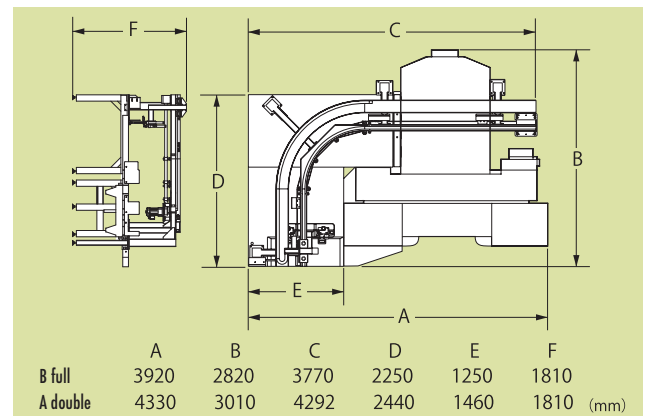
RSL 1.2 Left Right

| | |
|-----------------------------------|-----------------|
| Max. paper size | 900×1300mm |
| Max. paper feed height per bundle | 165mm |
| Min. paper feed height per bundle | 30mm |
| Table height | 850 to 950mm |
| 1 cycle | 30 sec. |
| Applicable paper cutting machines | Size 137 to 170 |
| Table size | 1400×1000mm |
| Weight | 480kg |
| Total electric capacity | 1.0kw |



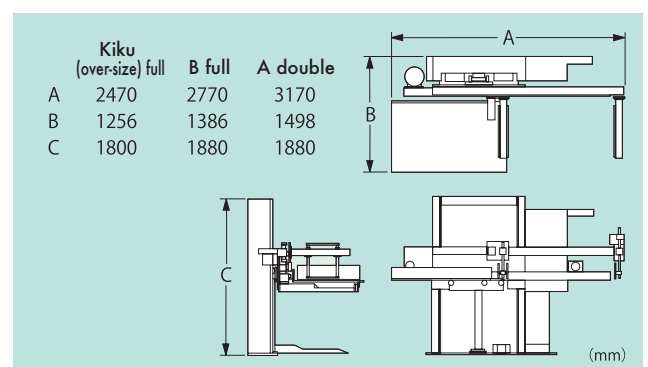
RSL 3.1 Left Right

| | For eRC-115DX | For eRC-137DX |
|-----------------------------------|--------------------------------|-----------------|
| Max. paper size | 800×1100mm | 900×1300mm |
| Max. paper feed height per bundle | 165mm | 165mm |
| Min. paper feed height per bundle | 30mm | 30mm |
| Paper feed time | 14 sec. | 14 sec. |
| 1 cycle | 32 sec. | 32 sec. |
| Applicable paper cutting machines | Size 115 to 137 | Size 115 to 137 |
| Weight | 1800kg | 1800kg |
| Total electric capacity | 1.0kw (Incl. compressor 0.4kw) | |



RU 4.0 / 4.1 Left Right

| | B full | A double (for 4.0 only) |
|-----------------------------------|---------------|-------------------------|
| Max. paper size | 800×1100mm | 900×1300mm |
| Min. paper size | 400×600mm | |
| Max. paper feed height per bundle | 165mm | |
| Min. paper feed height per bundle | 30mm | |
| Max. stacking height | 1400mm | |
| Pallet height | 130mm minimum | |
| Alternate stacking function | Option | |
| Weight | 1500kg | 1550kg |
| Total electric capacity | 3.0kw | |



Detailed product information, introduction of new products and support information are provided.

ITOTEC's home page www.itotec.co.jp



You can find answers online to frequently asked questions.

The paper cutting machine operation method, maintenance inquiries and other inquiries about the operation of the paper cutting machine are explained with descriptions and photos.

Many visitors enjoy the information library from which you can obtain useful knowledge.

Key points in the selection of the knife, which you may have overlooked, applicability to paper types and other information that only a leading manufacturer of paper cutting machines can describe, are provided.



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Specifications are subject to change without prior notice.