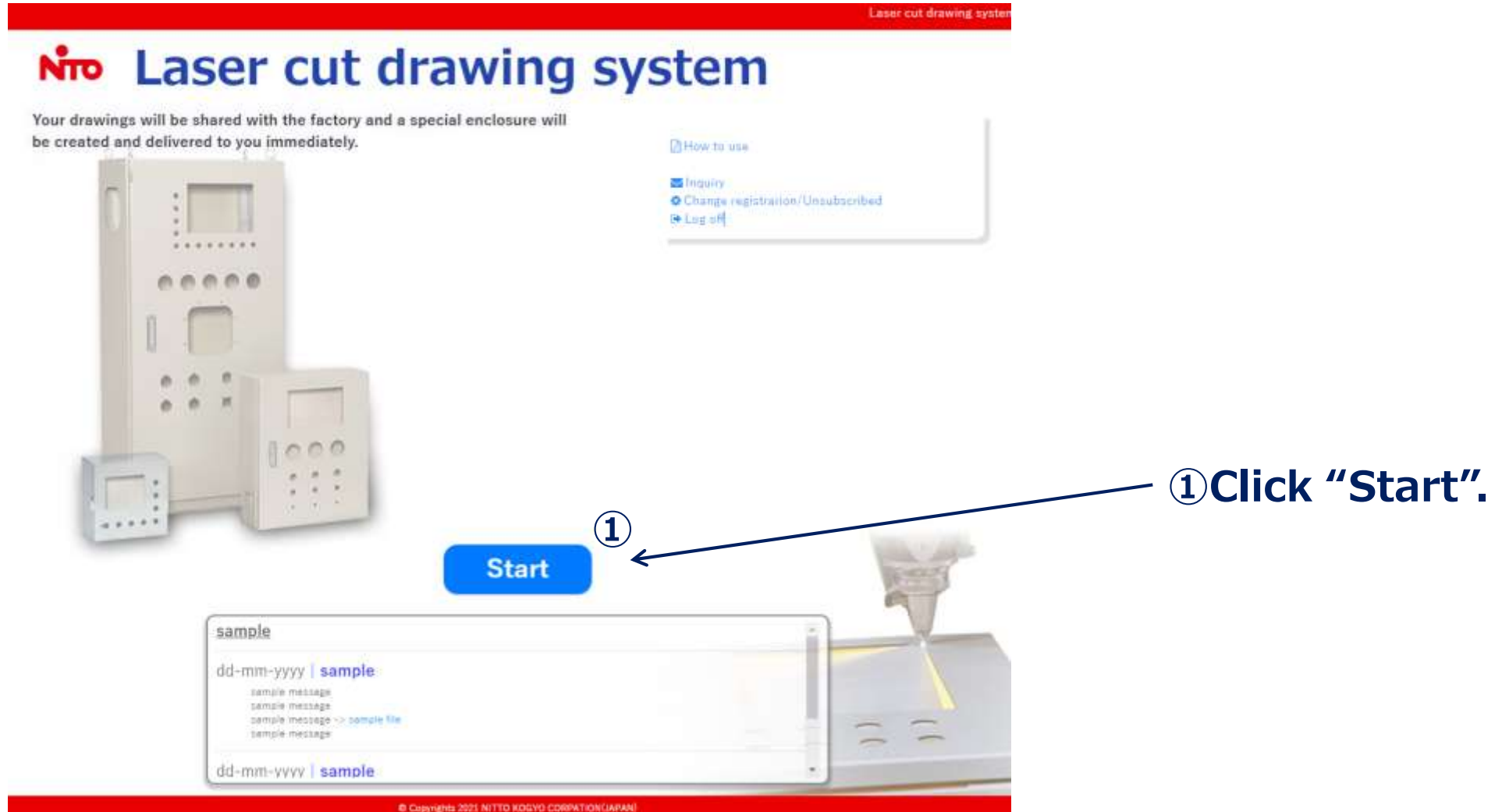


3. Selection of enclosure

The first page



The screenshot shows the NITO Laser cut drawing system interface. At the top, the title "NITO Laser cut drawing system" is displayed in blue. Below the title, a message states: "Your drawings will be shared with the factory and a special enclosure will be created and delivered to you immediately." To the right of this message is a list of links: "How to use", "Inquiry", "Change registration/Unsubscribed", and "Log off". On the left side, there is an image of the system's hardware, including a control panel and a laser cutting head. In the center, there is a blue button labeled "Start". A blue arrow points from the text "①Click 'Start'." to the "Start" button, which is also marked with a circled "1". Below the "Start" button is a sample data entry field with the following text: "sample", "dd-mm-yyyy | sample", "sample message", "sample message", "sample message -> sample file", "sample message", "dd-mm-yyyy | sample". The bottom of the interface features a red banner with the copyright notice: "© Copyrights 2021 NITTO KOGYO CORPORATION(JAPAN)".

①Click "Start".

3. Selection of enclosure

Project information

New drawing / Enclosure selection		Top
sample message		
Project name	<input type="text" value="Project name"/> Max 60 letters	Registration date 19-07-2021
Panel name	<input type="text" value="Panel name"/> Max 20 letters	Renewal date
Drawer	<input type="text" value="TTTT TTTT"/> Max 20 letters	WEL No.
Model name	<input type="text"/> Please specify encloser model name	
	<input type="button" value="Search enclosure"/> Narrow down search	
Color		
Quantity	<input type="text" value="1"/> ▼	

Enter the project name and panel name.

Enter the specific model directly or search enclosure here.

Choose the quantity from the pull-down menu (1-10).

3. Selection of enclosure

Search enclosure

Search enclosure

Material

Series

Keyword

Product or model name

Search

Only one phrase of the model name or product name

Dimensions

W:

H:

D:

Category

Color

Application

IP degree

Match

Upper

Mounting plate

Back to Previous

Reset

Specify your search criteria.

	Dimensions				
Model	W	H	D	IP degree	Weight(Kg)

© : In stock △ : Order to Nitto Kogyo Corporation Ask for delivery date to NBT sales person.

Close

- You can search enclosure by
- Material (steel/stainless steel);
 - Series (CL/CF/CH-A/RA/RUL/E);
 - Dimensions
 - Category (High IP, Floor-standing, dust & waterproof, etc.)
 - IP degree (3X-66)

3. Selection of enclosure

Search enclosure

Search enclosure

MaterialSteelSeriesRA TYPE

KeywordProduct or model nameSearchOnly one phrase of the model name or product name

DimensionsW: - - H: - - D: - -

Category - Color -

Application - IP degree - Match Upper

Mounting plate - Back to Previous Reset

Result: 414

Model			Dimensions			IP degree	Weight(Kg)
			W	H	D		
Dust-/water-proof enclosure RA TYPE							
✓ RA12-33	⊙	📄	300	300	120	IP54	5.7
✓ RA12-33C	△	📄	300	300	120	IP54	5.7
✓ RA12-34	⊙	📄	300	400	120	IP54	7.7
✓ RA12-34C	△	📄	300	400	120	IP54	7.7
✓ RA12-35	△	📄	300	500	120	IP54	9.3
✓ RA12-35C	△	📄	300	500	120	IP54	9.3

⊙ : In stock △ : Order to Nitta Kogyo Corporation Ask for delivery date to NBT sales person.

Close

When you input some conditions, possible models are shown below.

Drawing is downloadable (DXF/PDF)

Standard drawing data download

RA20-66 Drawing file download

Standard type

Hole cut area

DXF

PDF

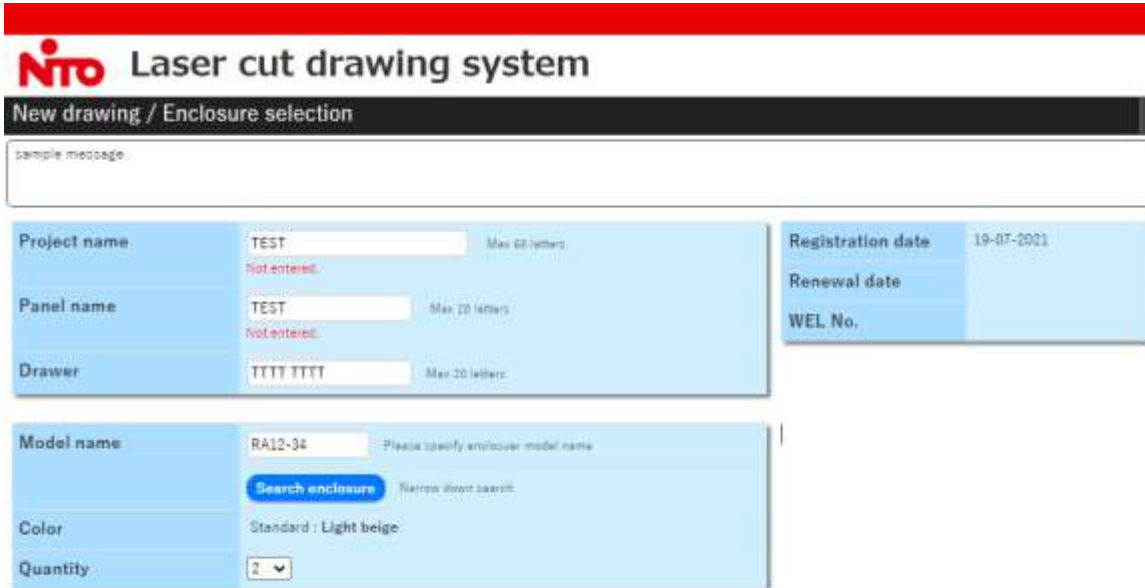
PDF

Close

Stock policy; NOT real time stock.

3. Selection of enclosure

Finish selecting



The screenshot shows the 'NITO Laser cut drawing system' interface for 'New drawing / Enclosure selection'. It features a 'sample message' input field at the top. Below this, there are two main sections. The left section contains three input fields: 'Project name' (with 'TEST' and a 'Max 60 letters' limit), 'Panel name' (with 'TEST' and a 'Max 20 letters' limit), and 'Drawer' (with 'TTTT TTTT' and a 'Max 20 letters' limit). The right section contains three fields: 'Registration date' (with '19-07-2021'), 'Renewal date', and 'WEL No.'. Below these, there is a 'Model name' field (with 'RA12-34' and a 'Please specify enclosure model name' note), a 'Search enclosure' button, and a 'Narrow down search' link. At the bottom, there are 'Color' (with 'Standard : Light beige') and 'Quantity' (with a dropdown menu showing '2') fields.

After input and selected all required items, click “Next”.



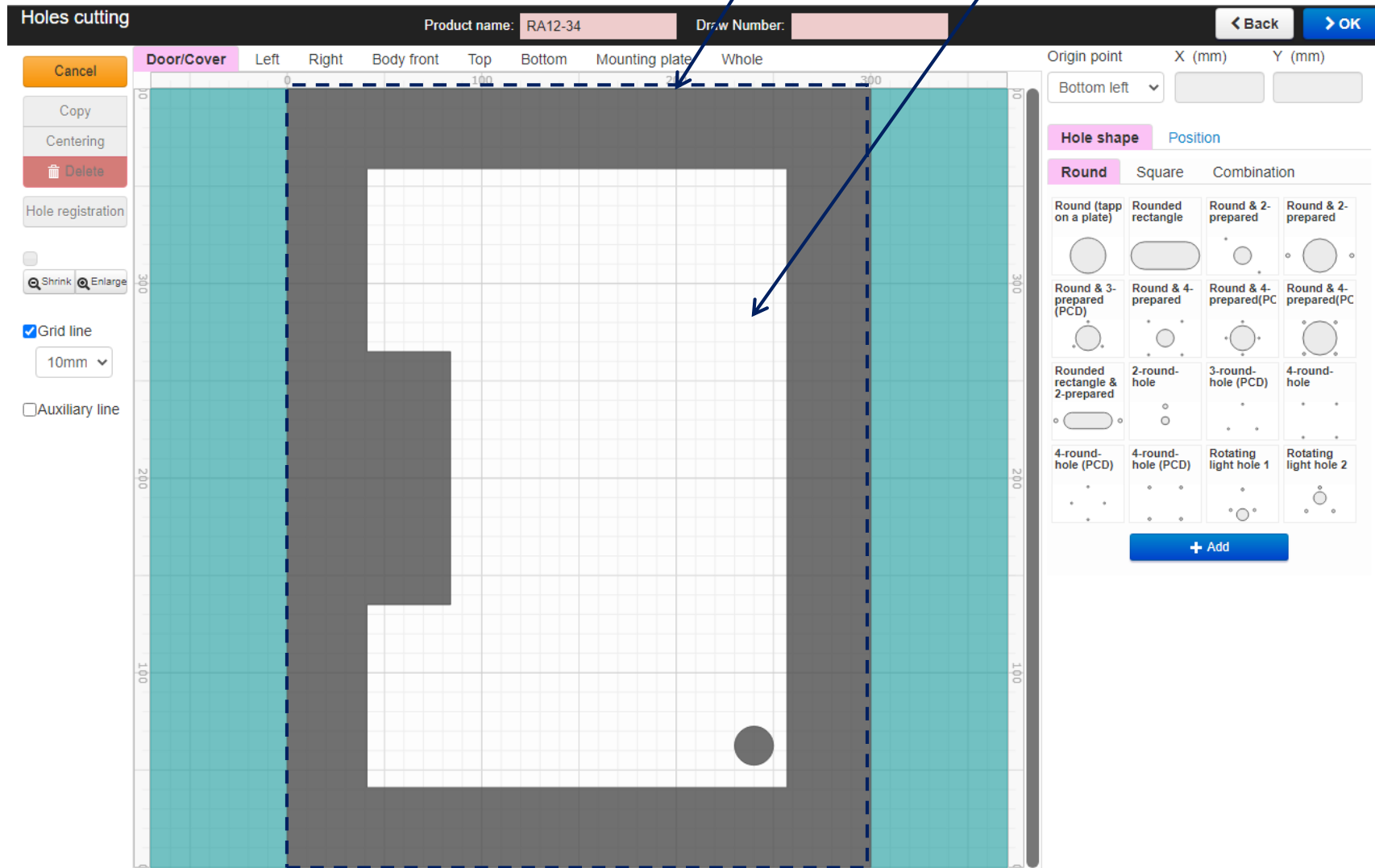
> Next

4. Placing holes

Cuttable area

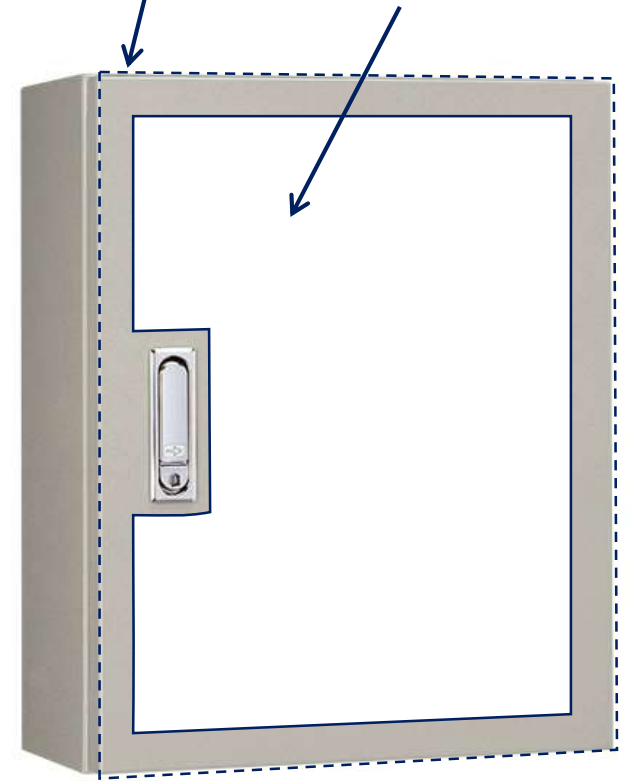
Outline

Cuttable area



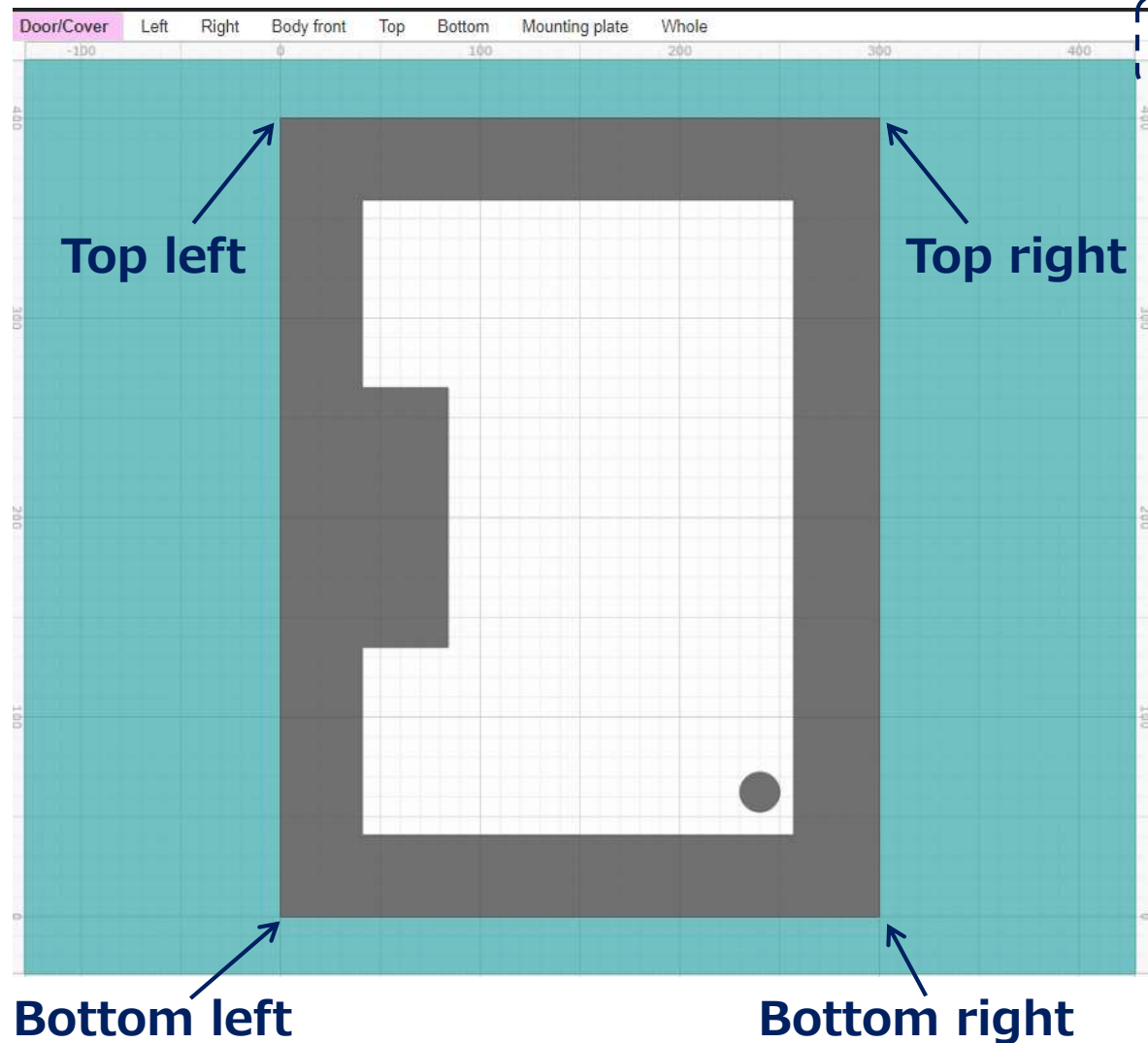
Outline

Cuttable area



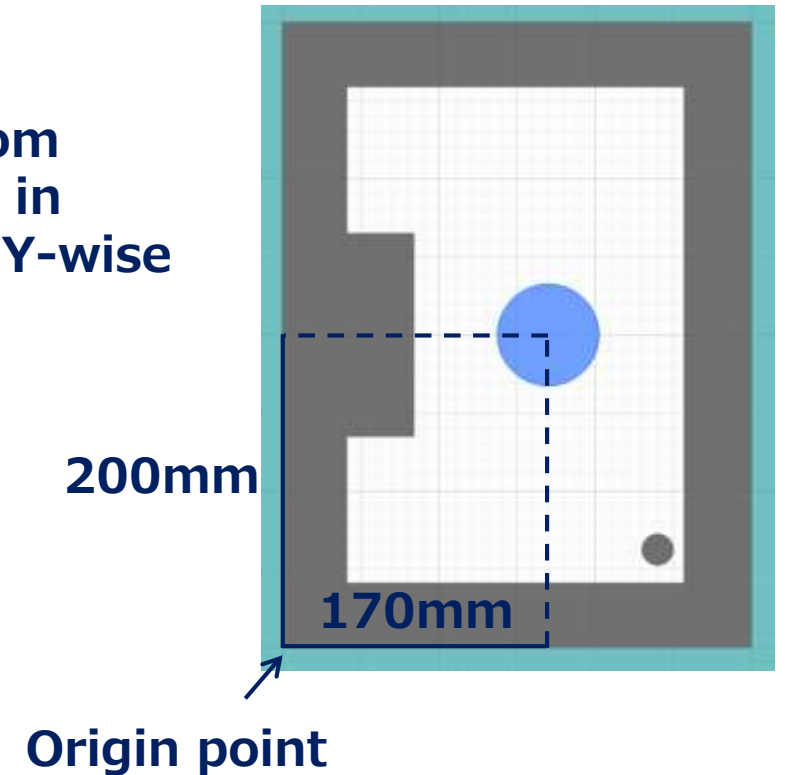
4. Placing holes

Origin point and hole position



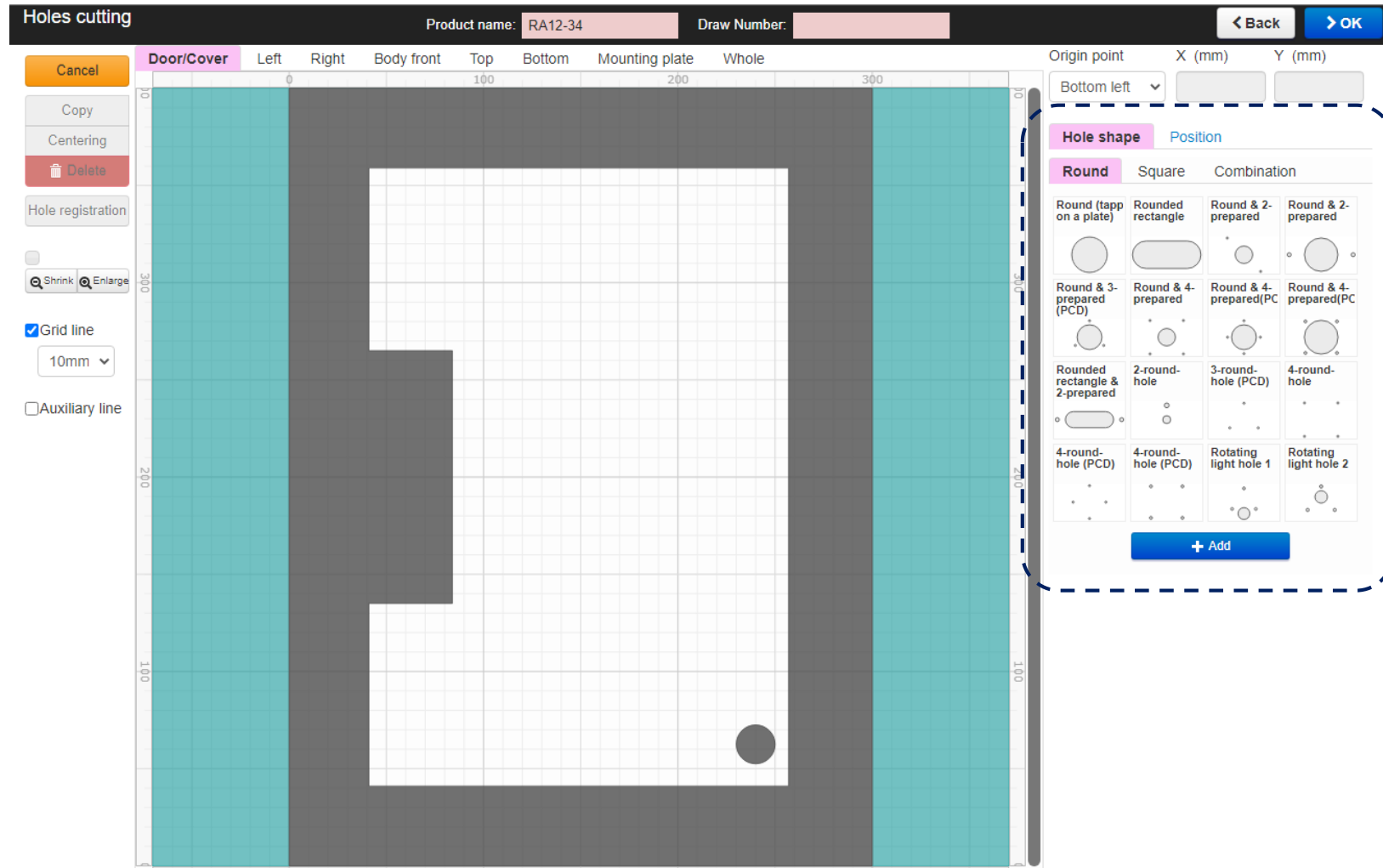
Origin point	X (mm)	Y (mm)
Bottom left		

Origin point = Bottom left
X 170mm
Y 200mm
Distance from origin point in X-wise and Y-wise



4. Placing holes

Select hole



Hole shape

4. Placing holes

Hole shape

Hole shape

Position

Round	Square	Combination
Round (tapp on a plate) 	Rounded rectangle 	Round & 2-prepared
Round & 3-prepared (PCD) 	Round & 4-prepared 	Round & 4-prepared(PC
Rounded rectangle & 2-prepared 	2-round-hole 	3-round-hole (PCD)
4-round-hole (PCD) 	4-round-hole (PCD) 	Rotating light hole 1
		Rotating light hole 2

+ Add

Hole shape

Position

Round	Square	Combination
Square hole 	Square & 2-prepared 	Square & 2-prepared on upper left
Square & 4-prepared on each corner 	Square & 6-prepared 	Square & 8 prepared on each side
Square & 10 prepared on each side 	Rounded rectangle 	Rounded rectangle & 2-prepared
Inequilateral octagon & 3-prepared 	Inequilateral octagon & 4-prepared 	Inverter controller
Inequilateral octagonal hole 		Inverter controller II

+ Add

Hole shape

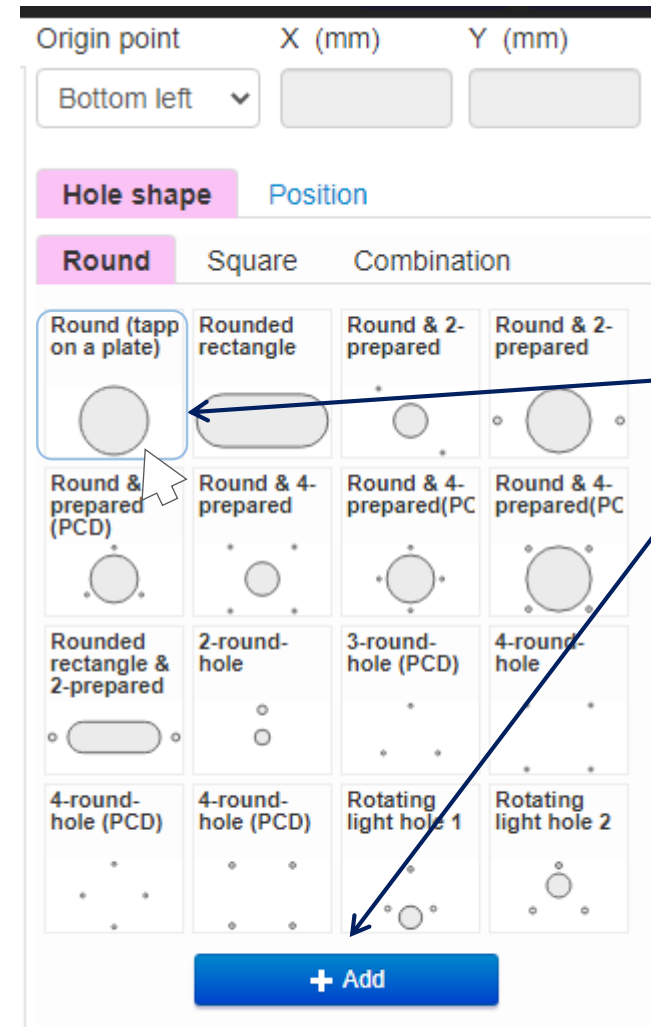
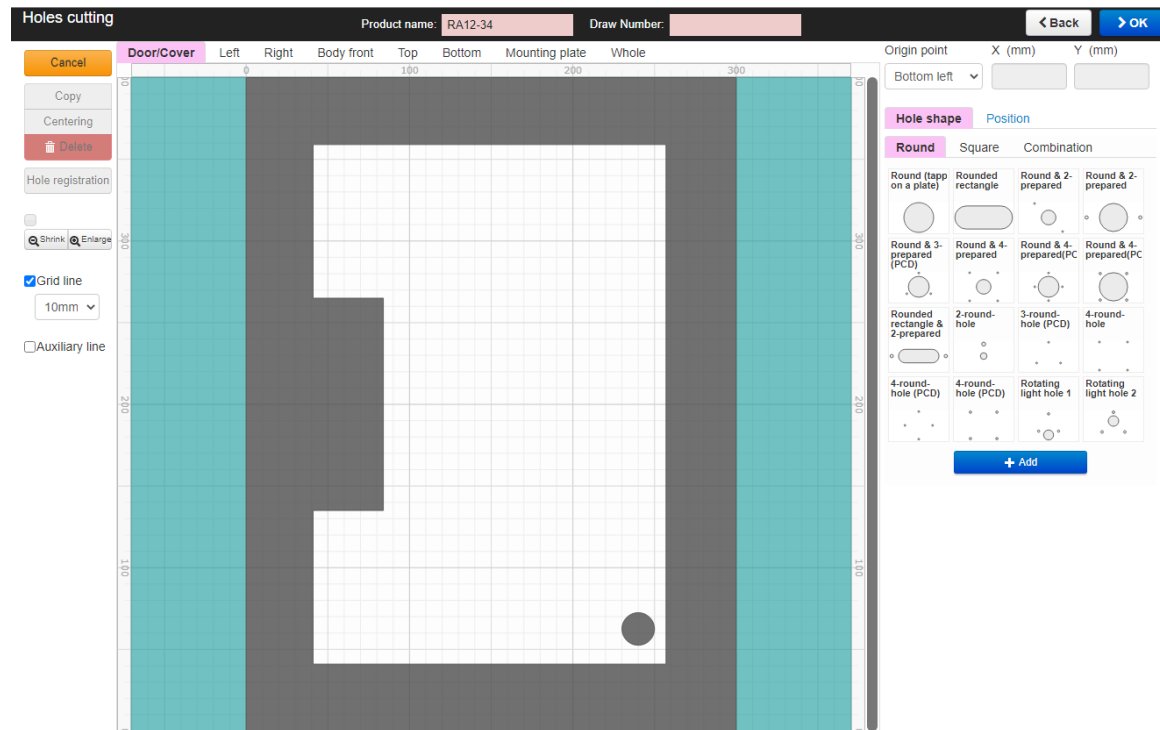
Position

Round	Square	Combination
Larger and smaller circles 	Circle and rectangle combined 	D-shaped hole
Rectangle and rounded 	Circle and rectangle combined II 	D-shaped holes combined

+ Add

4. Placing holes

Door/Cover Hole specification



Double click or Click "+Add"

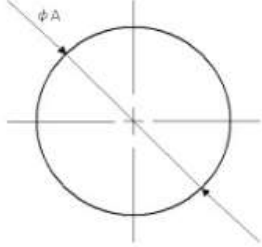
4. Placing holes

Hole specification

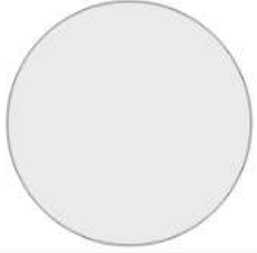
Enter the size

Hole registration [Round]

Hole dimension



Preview



A mm 2.5~999.9

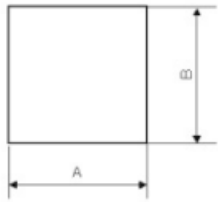
☐ Set preparing hole as pierced hole

Click "Setting" after
you entered the size.


Enter the size

Hole registration [Square hole]

Hole dimension



Preview



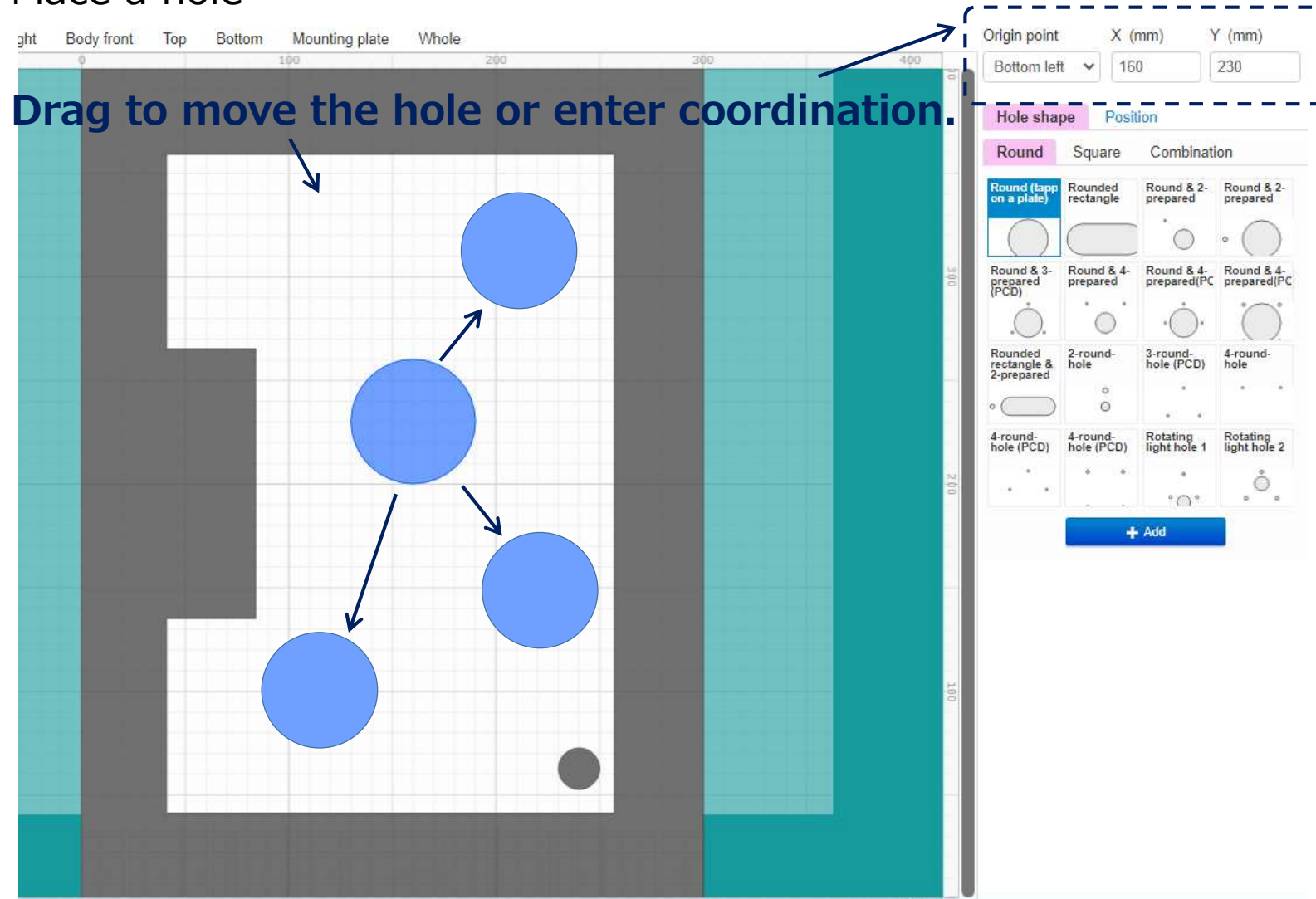
A mm 3~9999.9

B mm 3~9999.9

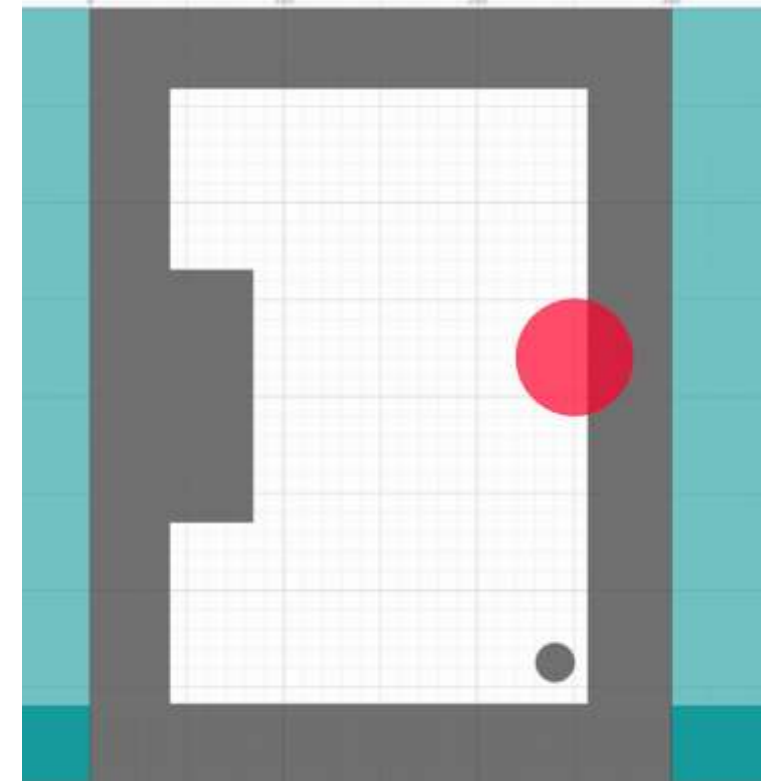
Click "Setting" after
you entered the size.

4. Placing holes

Place a hole



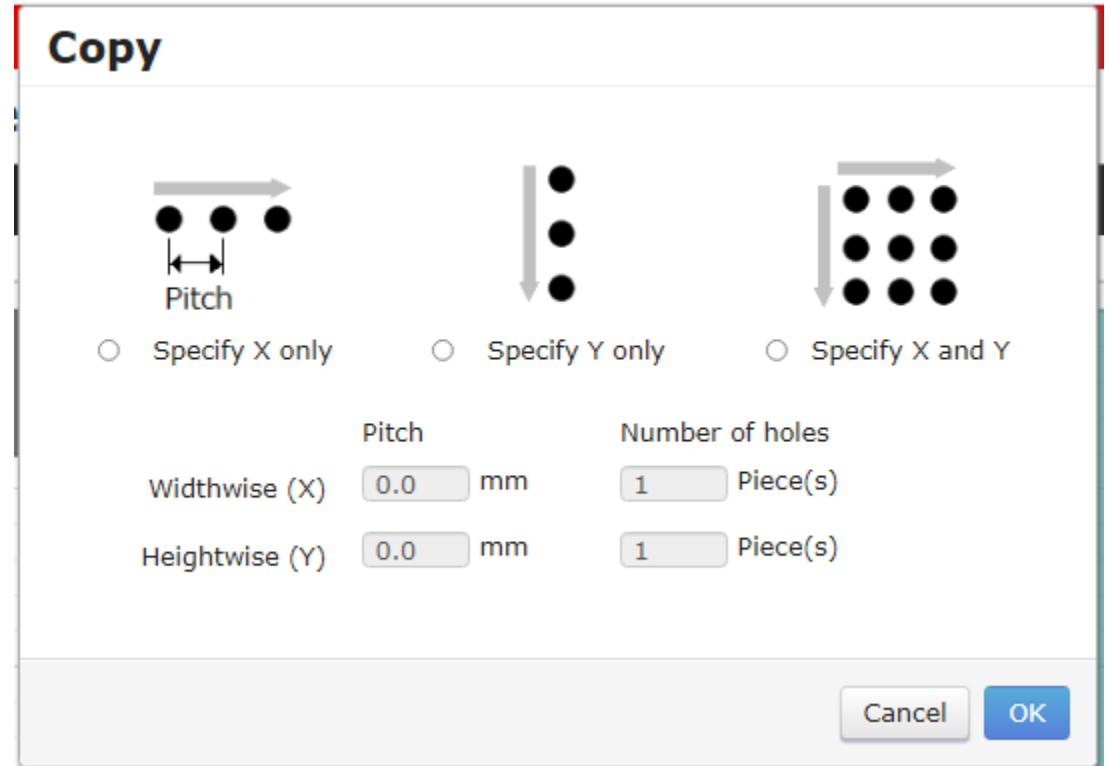
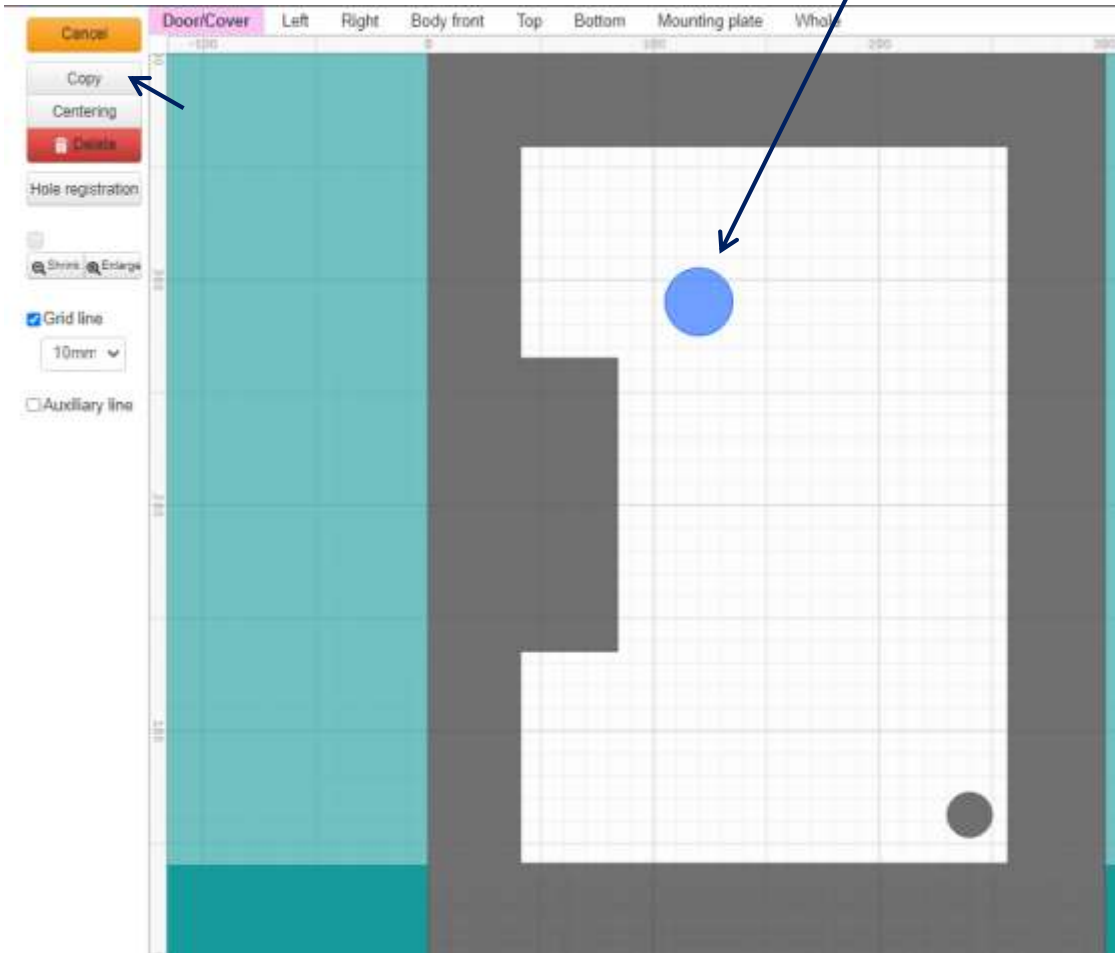
Red color shows out of cuttable area.



4. Placing holes

Useful function: copy


Basing reference hole



4. Placing holes

Useful function: centering


Centering



Pitch

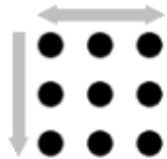
☐ Specify X only

Fix Y for datum hole.
Allocate holes centering at the center of enclosure widthwise with specified pitch.



☐ Specify Y only

Fix X for datum hole.
Allocate holes centering at the center of enclosure heightwise with specified pitch.



☐ Specify X and Y

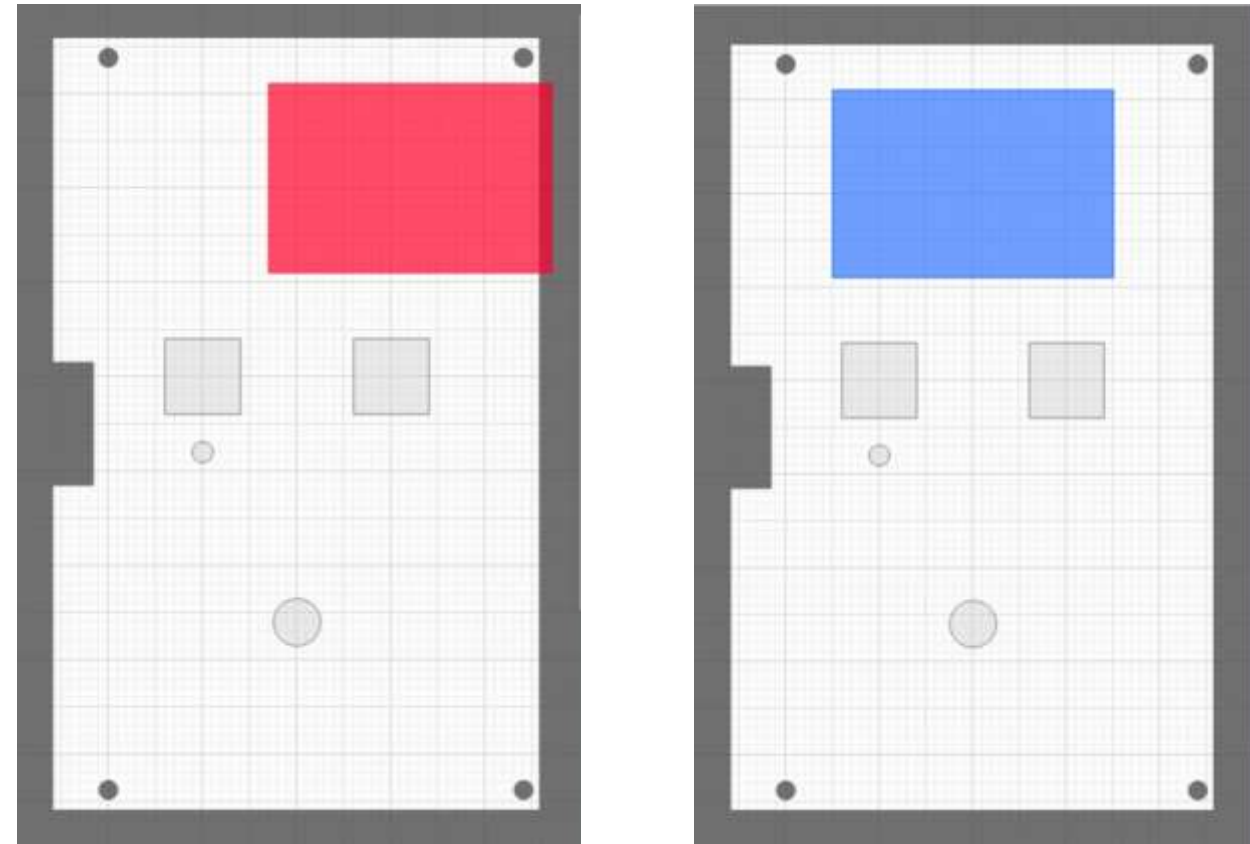
Fix Y for datum hole.
Allocate holes centering at the center of enclosure widthwise with specified pitch, and allocate heightwise under the first line with specified pitch.

	Pitch	Number of holes
Widthwise (X)	<input type="text" value="0.0"/> mm	<input type="text" value="1"/> Piece(s)
Heightwise (Y)	<input type="text" value="0.0"/> mm	<input type="text" value="1"/> Piece(s)

Cancel

OK

Widthwise centering



15 JULY 2004

Left side

Holes cutting

Product name: RA12-34

Draw Number:

Cancel

Copy

Centering

Delete

Hole registration

Shrink

Enlarge

☒ Grid line

10mm

☐ Auxiliary line

Door/Cover

Left

Right

Body front

Top

Bottom

Mounting plate

Whole

Origin point

X (mm)

Y (mm)

Bottom left

Hole shape

Position

Round

Square

Combination

Round (tapp on a plate)

Rounded rectangle

Round & 2-prepared

Round & 2-prepared

Round & 3-prepared (PCD)

Round & 4-prepared

Round & 4-prepared(PC)

Round & 4-prepared(PC)

Rounded rectangle & 2-prepared

2-round-hole

3-round-hole (PCD)

4-round-hole

4-round-hole (PCD)

4-round-hole (PCD)

Rotating light hole 1

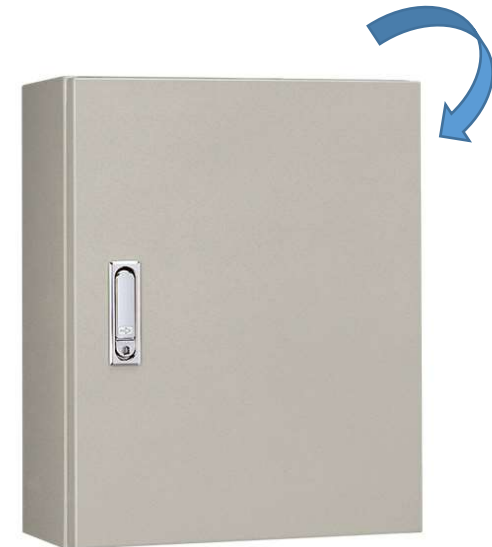
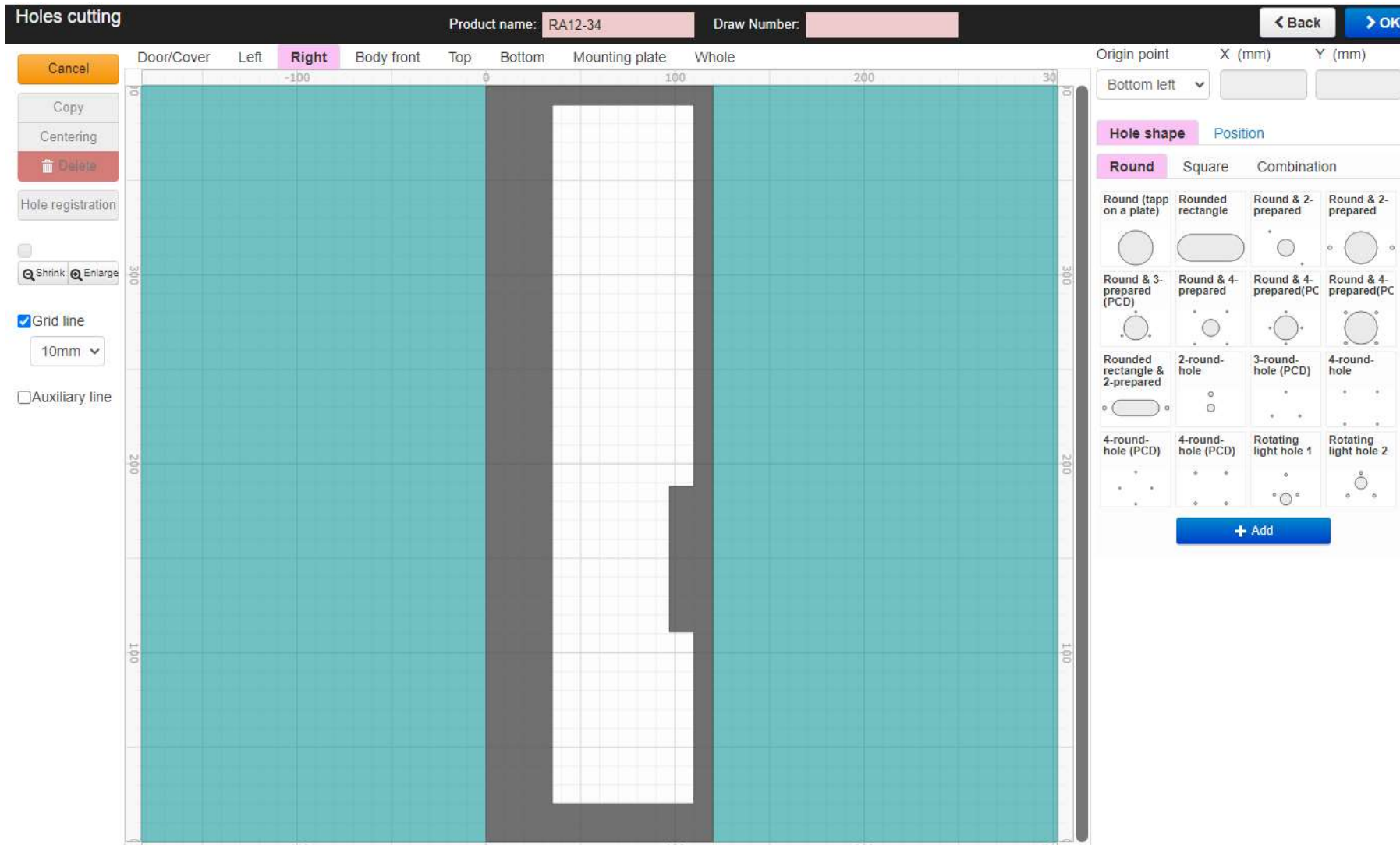
Rotating light hole 2

+ Add



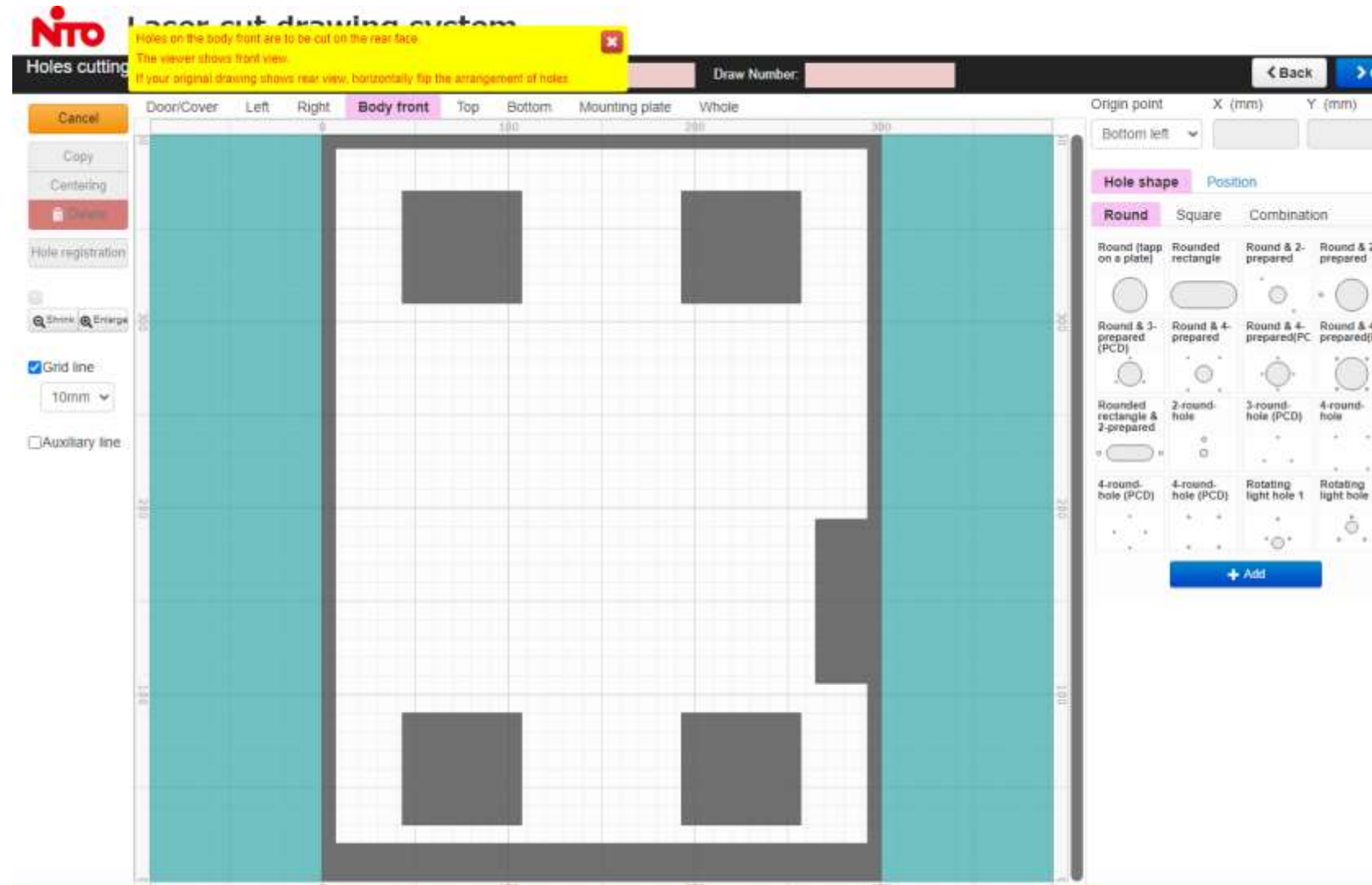
4. Placing holes

Right side



4. Placing holes

Body front



**Body front = rear face
But view from front face.
Be careful for right and left.**



4. Placing holes

Top

Holes cutting

Product name: RA12-34

Draw Number:

< Back

> OK

Cancel

Copy

Centering

Delete

Hole registration

Shrink

Enlarge

☒ Grid line

10mm

☐ Auxiliary line

Door/Cover

Left

Right

Body front

Top

Bottom

Mounting plate

Whole

100

200

100

0

100

0

Rear

Front

Origin point

X (mm)

Y (mm)

Bottom left

Hole shape

Position

Round

Square

Combination

Round (tapp on a plate)

Rounded rectangle

Round & 2-prepared

Round & 2-prepared

Round & 3-prepared (PCD)

Round & 4-prepared

Round & 4-prepared(PC

Round & 4-prepared(PC

Rounded rectangle & 2-prepared

2-round-hole

3-round-hole (PCD)

4-round-hole

4-round-hole (PCD)

4-round-hole (PCD)

Rotating light hole 1

Rotating light hole 2

+ Add

4. Placing holes

Door/Cover

Holes cutting

Product name: RA12-34

Draw Number:

< Back

> OK

Cancel

Copy

Centering

Delete

Hole registration

Shrink

Enlarge

Grid line

10mm

Auxiliary line

Door/Cover

Left

Right

Body front

Top

Bottom

Mounting plate

Whole

100

200

100

100

Front

Rear

Origin point

Bottom left

X (mm)

Y (mm)

Hole shape

Position

Round

Square

Combination

Round (tapp on a plate)

Rounded rectangle

Round & 2-prepared

Round & 2-prepared

Round & 3-prepared (PCD)

Round & 4-prepared

Round & 4-prepared(PC)

Round & 4-prepared(PC)

Rounded rectangle & 2-prepared

2-round-hole

3-round-hole (PCD)

4-round-hole

4-round-hole (PCD)

4-round-hole (PCD)

Rotating light hole 1

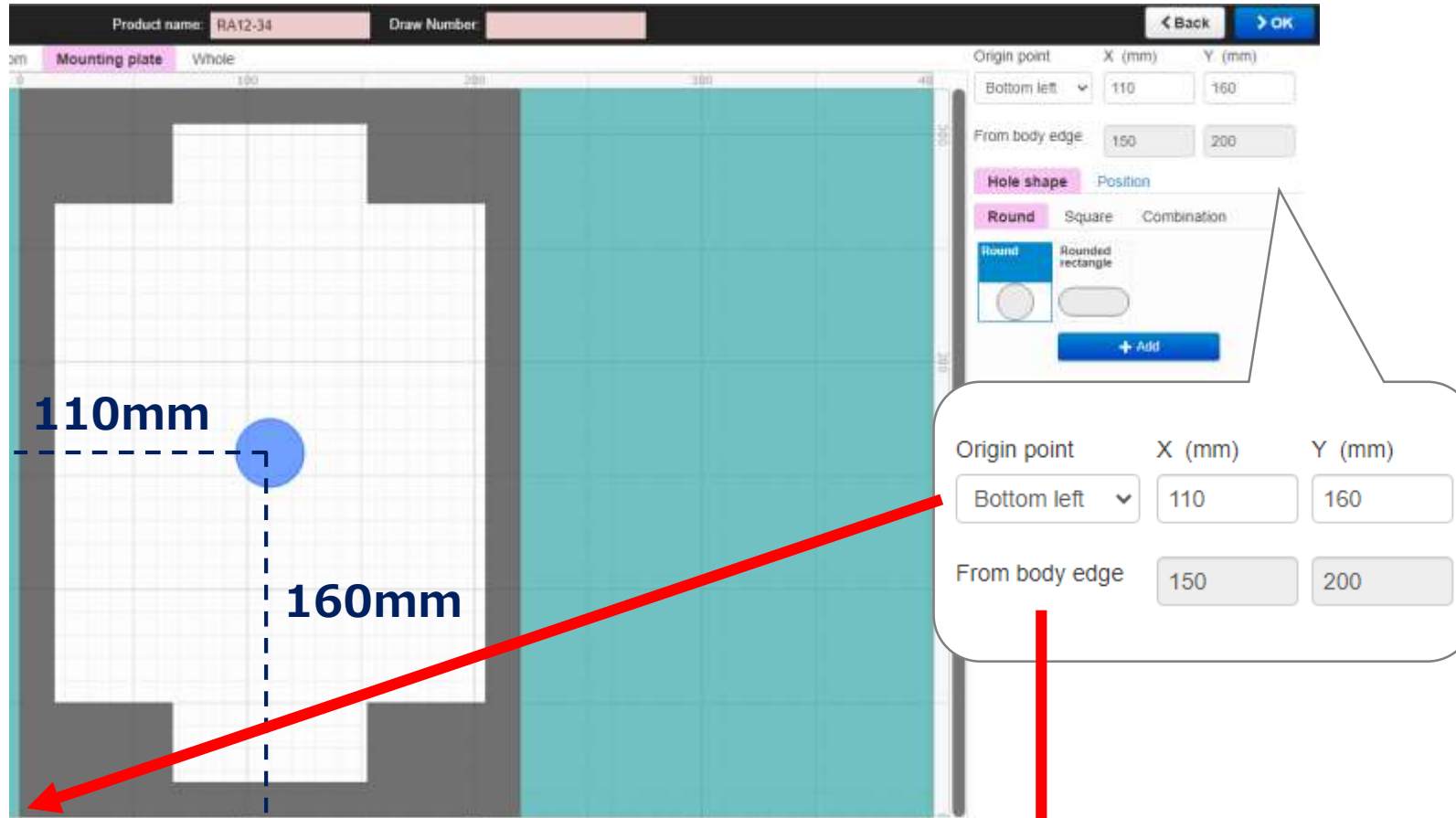
Rotating light hole 2

+ Add

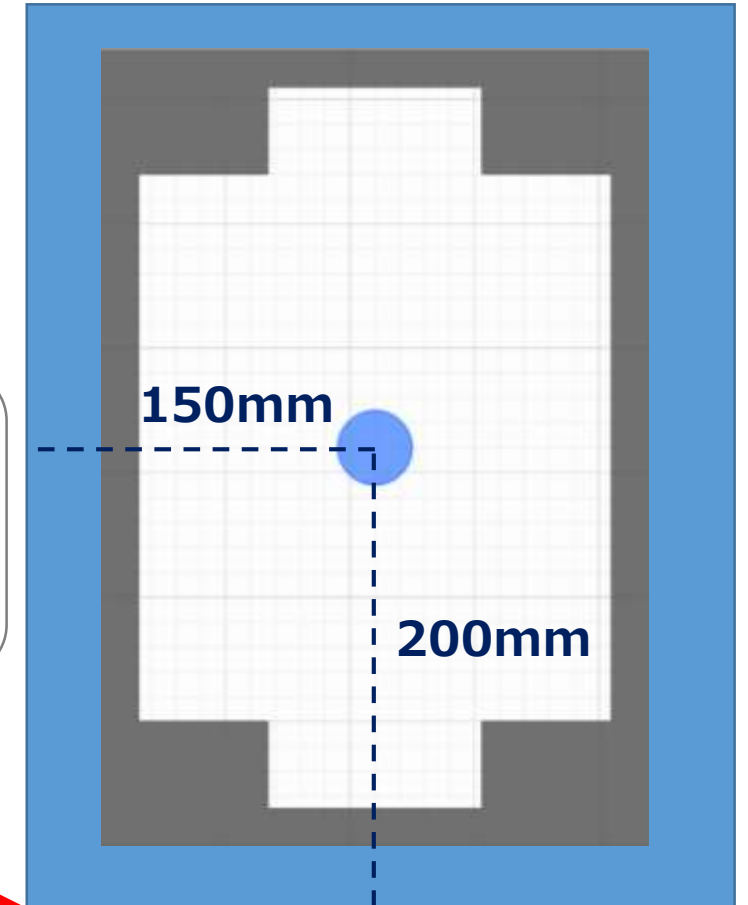
4. Placing holes

Mounting plate

Please pay a special attention for mounting plate, because the origin point differs from the other panels.



Origin point: corner of mounting plate

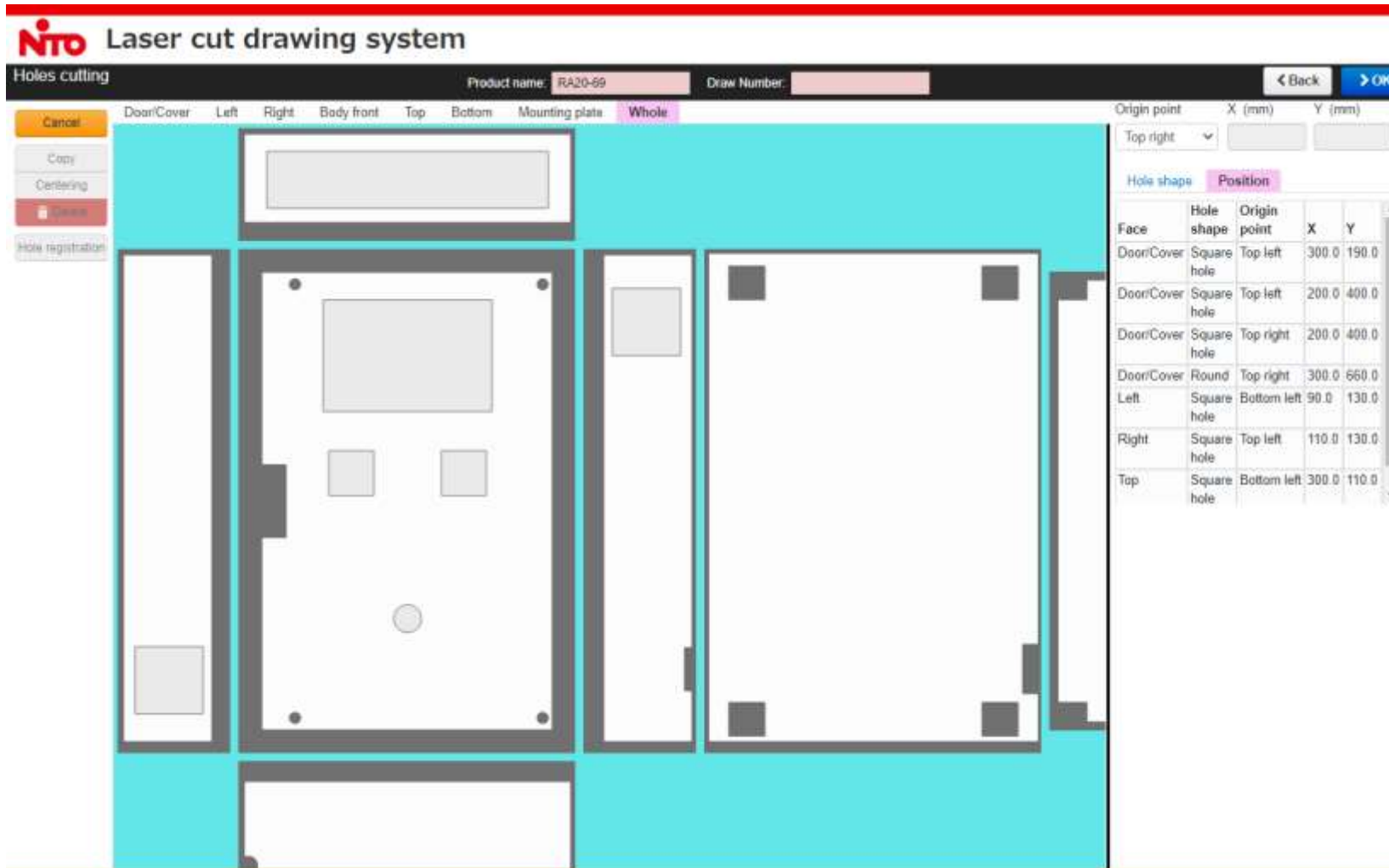


Origin point: body edge

4. Placing holes

Whole

Check all holes you entered.
If it is OK, click "OK".



List of holes

5. Create drawing

Create drawing

NTO Laser cut drawing system

Confirmation

Project name	TEST	Registration date	26-07-2021
Panel name	TEST	Renewal date	
Drawer	Test Test	WEL No.	

Model name	RA20-SH
Color	Standard : Light beige
Quantity	1

Click to make drawing.
The data will disappear,
if you do not click here.

Back to enclosure selecting
page to change enclosure
with holes left.

Back to hole placing page
to replace holes.
(Previous page)

< Holes cutting < Change > Drawing/Renewal



5. Create drawing

 **Laser cut drawing system**

Confirmation

Project name	TEST	Registration date	26-07-2021
Panel name	TEST	Renewal date	
Drawer	Test Test	WEL No.	
Model name	RA20-56		
Color	Standard : Light beige		
Quantity	1		

192.168.214.62 の内容
Drawing/Renewal. Are you sure?

OK

キャンセル

Click

5. Create drawing

Wait for 5 minutes...

Drawing Completed

Top

New drawing

Drawing sto

It just started making drawing. Please wait for about 5 minutes.

Drawing started. [WEL000018-05-01]

It has started making drawing. It will take about 5 minutes.

Please be noted that the system stops working during night time from 23:30 to 6:30 (Japan time).

If you make drawing with the system after 23:30, you can get the drawing after 6:30 (Japan time).

You can check the drawing at [Drawing Storage](#).

You will be redirected to [Drawing Storage](#) in 30 seconds.

In case of not redirected, [click here](#).

Drawing is to be made in about 5 minutes, but, be noted that
the system does not create the drawing in night time:
11:30pm to 6:30am (Japan time)

5. Create drawing

Drawing storage

You can check your drawing in
“Drawing storage”.

Drawing storage

Top

New drawing

Drawing storage

Log off

Order information

The maximum number of drawings is 30.

To place an order, please indicate the WEL number and conversion code which shown on the top of the drawing to our sales office.

Sort:

Renewal date

Update to the latest information

Total:5

Confirmation	Drawer	Draw number	Renewal date	Project name	Panel name	Model name	Drawing
Confirmation	Test Test	WEL000018-05-01	26-07-2021	TEST	TEST	RA20-56	PDF
Confirmation	Test Test	WEL000018-04-01	21-07-2021	TEST	TEST	RA16-34	PDF
Confirmation	Test Test	WEL000018-03-01	16-07-2021	TEST	TEST	SCF12-23	PDF
Confirmation	Test Test	WEL000018-02-01	09-07-2021	holesizetest	holesize	RA25-45	PDF
Confirmation	Test Test	WEL000018-01-01	09-07-2021	TEST	TEST	CH12-34A	PDF

Drawing in PDF



15 JULY 2005

CAUTION

Drawing storage

Top

New drawing

Drawing storage

Log of

Order information

The maximum number of drawings is 30.

To place an order, please indicate the WEL number and conversion code which shown on the top of the drawing to our sales office.

Sort:

Renewal date

Update to the latest information

Total:5

Confirmation	Drawer	Draw number	Renewal date	Project name	Panel name	Model name	Drawing
Confirmation	Test Test	WEL000018-05-01	26-07-2021	TEST	TEST	RA20-56	PDF
Confirmation	Test Test	WEL000018-04-01	21-07-2021	TEST	TEST	RA16-34	PDF
Confirmation	Test Test	WEL000018-03-01	16-07-2021	TEST	TEST	SCF12-23	PDF
Confirmation	Test Test	WEL000018-02-01	09-07-2021	holesizetest	holesize	RA25-45	PDF
Confirmation	Test Test	WEL000018-01-01	09-07-2021	TEST	Nito Laser cut drawing system		

If you click “Confirmation”, you will return to enclosure selection page.

You can confirm the general information and WEL number.

If you click go into drawing page, modify anywhere, and click “Drawing/Renewal”, it will be overwritten.

NTO Laser cut drawing system

Home About Contact Help Log out Top New drawing Drawing storage Log off

Drawing information	
Project name	TEST
Panel name	TEST
Drawing	Test Test
Registration date	20-07-2021
Renewal date	20-07-2021
Well No.	WELL00013-08

Material information	
Material name	PA20-80
Color	Standard Light beige
Quantity	2

[Holes cutting](#)
[Change](#)
[reuse](#)
[Delete](#)
[Drawing/Renewal](#)

5. Create drawing

CAUTION

Confirmation	Drawer	Draw number	Renewal date	Project name	Panel name	Model name	Drawing
Confirmation	Test Test	WEL000018-05-02	26-07-2021	TEST	TEST	RA20-56	PDF
Confirmation	Test Test	WEL000018-04-01	21-07-2021	TEST	TEST	RA16-34	PDF
Confirmation	Test Test	WEL000018-03-01	16-07-2021	TEST	TEST	SCF12-23	PDF
Confirmation	Test Test	WEL000018-02-01	09-07-2021	holesizetest	holesize	RA25-45	PDF
Confirmation	Test Test	WEL000018-01-01	09-07-2021	TEST	TEST	CH12-34A	PDF

The previous drawing has been gone.

6. RFQ

To get quotation, tell our sales person the conversion code, WEL number (temporal drawing number).

