


GPSS II User Guide

2025. 06

 입력 자재 수주 절단 계획

자재개요 입력 화면

	자재코드	자재타입	자재길이 (mm)	단중 (Kg/m)
1	F0190030-61...	F19*3	6100	0.45
2	F0190045-61...	F19*4.5	6100	0.67
3	I032005030...	I32*5*3	6100	0.96
4	I032005030...	I32*5*3	6500	0.96
5	I025005030...	I25*5*3	6100	0.78
6	I025005030...	I25*5*3	6500	0.78
7	F0250050-6...	F25*5	6100	0.98
8	F0320050-6...	F32*5	6100	1.26
9	F0250045-61...	F25*4.5	6100	0.88
10	F0320045-6...	F32*4.5	6000	0.98
11	F0300050-6...	F30*5	6100	1.18
12	F0300050-6...	F30*5	6500	1.18
13	PI0050050-1...	PI6*5	1040	0.2
14	PI0060060-1...	PI6*6	1040	0.22
15	PI0070070-1...	PI7*7	1040	0.3
16	PI0080080-1...	PI8*8	1040	0.4
17	RQ0050050...	RQ6*5	1040	0.2
18	RQ0060060...	RQ6*6	1040	0.282
19	RQ0070070...	RQ7*7	1040	0.38
20	RQ0080080...	RQ8*8	1040	0.5
21	SQ0050050...	SQ5*5	1040	0.2
22	SQ0060060...	SQ6*6	1040	0.282
23	SQ0070070...	SQ7*7	1040	0.38

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제작사양 입력 화면

	사양 코드	BB코드	CB코드	B 피치 (mm)	C 피치 (mm)	톱날 두께 (mm)
1	MS-F0190030-001	F0190030-6100	SQ0050050-1040	30	100	6
2	MS-F0250030-001	F0250030-6100	SQ0050050-1040	30	100	6
3	MS-F0190045-001	F0190045-6100	SQ0060060-1040	30	100	9
4	MS-F0250045-001	F0250045-6100	SQ0060060-1040	30	100	9
5	MS-F0250050-001	F0250050-6100	SQ0060060-1040	30	100	9
6	MS-F0300050-001	F0300050-6100	SQ0060060-1040	30	100	9
7	MS-F0320030-001	F0320030-6100	SQ0050050-1040	30	100	6
8	MS-F0320045-001	F0320045-6000	SQ0060060-1040	30	100	9
9	MS-F0300030-001	F0300030-6100	SQ0050050-1040	30	100	6
10	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
11	MS-F0380030-001	F0380030-6100	SQ0050050-1040	30	100	6
12	MS-F0380050-001	F0380050-6100	SQ0060060-1040	30	100	9
13	MS-F0440045-001	F0440045-6000	SQ0060060-1040	30	100	9
14	MS-F0440050-001	F0440050-6100	SQ0060060-1040	30	100	9
15	MS-F0400050-001	F0400050-6100	SQ0060060-1040	30	100	9
16	MS-F0450050-001	F0450050-6100	SQ0060060-1040	30	100	9
17	MS-F0500045-001	F0500045-6000	SQ0060060-1040	30	100	9
18	MS-F0500050-001	F0500050-6000	SQ0060060-1040	30	100	9
19	MS-F0500060-001	F0500060-6000	SQ0060060-1040	30	100	9
20	MS-I025005030-0...	I025005030-6100	SQ0060060-1040	30	100	9
21	MS-I025005030-0...	I025005030-6100	SQ0060060-1040	35.3	100	9
22	MS-I032005030-0...	I032005030-6100	SQ0060060-1040	30	100	9
23	MS-I032005030-0...	I032005030-6100	SQ0060060-1040	35.3	100	9

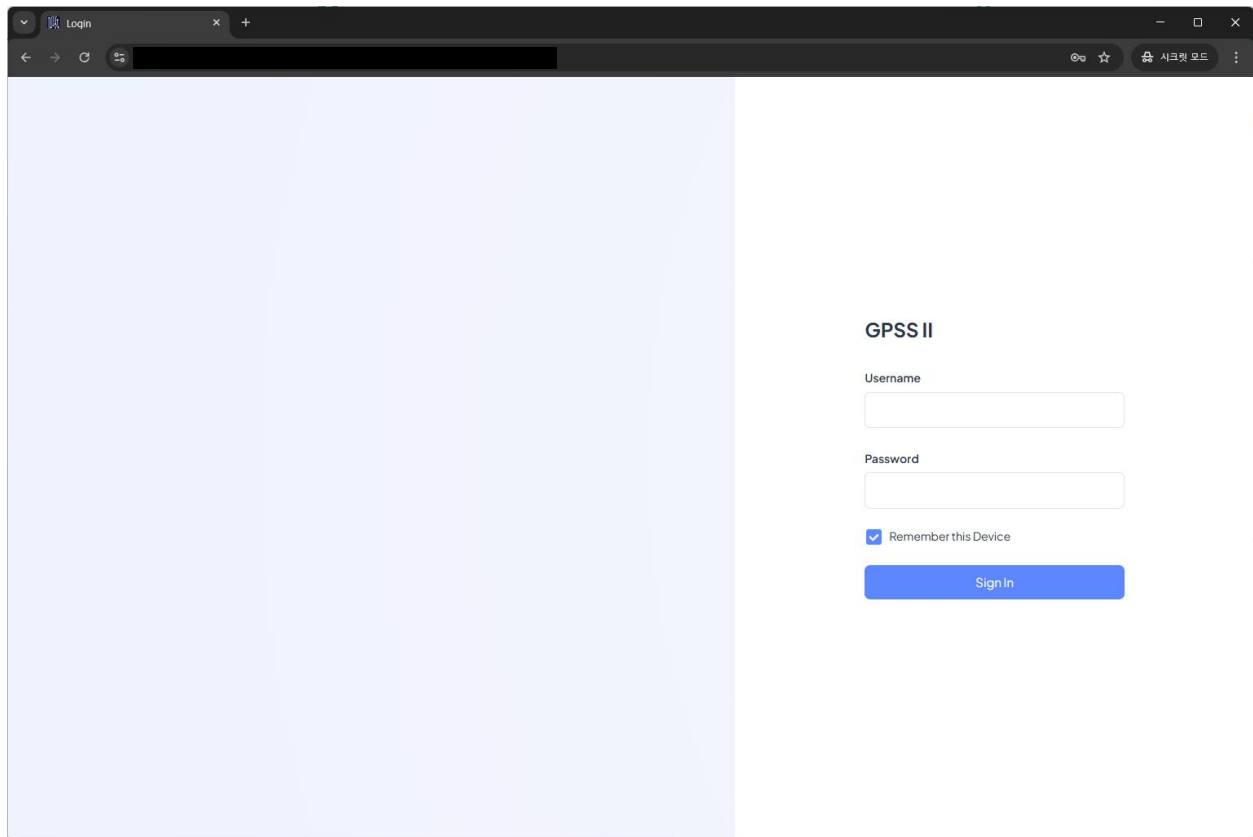
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User-Interface & Usage

Login System

A screenshot of a web browser window displaying the login page for the GPSS II system. The browser's address bar is empty, and the page title is "Login". The login form is titled "GPSS II" and includes fields for "Username" and "Password". Below these fields is a checkbox labeled "Remember this Device" which is checked. A blue "Sign In" button is positioned at the bottom of the form. The background of the page is a light blue gradient.

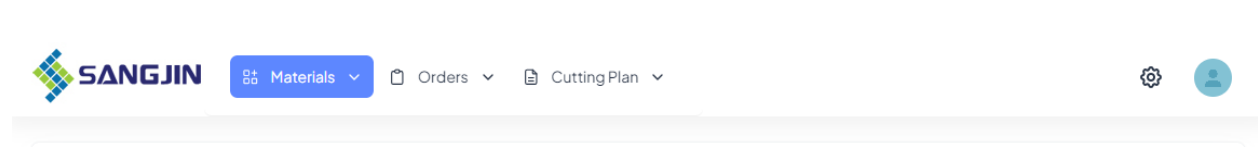
The GPSS II system is web-based and can be accessed by entering its web address into a web browser. The recommended web browsers are Google Chrome and Microsoft Edge.

Upon accessing the GPSS II system, you will see the following login window. The initial account information is as follows:

Username : **YOUR_EMAIL**

Password : **YOUR_PASS**

Navigation Pane



Once you've logged in, you can navigate between pages using the menus in the navigation bar at the top. The system features three main menus, each with its own set of sub-menus:

- **Materials**
 - Materials Setup
 - Materials Registration
 - Materials Specification
- **Orders**
 - Orders Management
- **Cutting Plan**
 - Default Parameters
 - Reorganize Groups
 - Generate Plan

Materials Menu

This page allows you to manage the materials required for generating cutting plans.

**Materials** ▾

Orders ▾

- Materials Setup
- Materials Registration
- Materials Specification

Materials Setup Page

**SANGJIN****Materials** ▾

Orders ▾

Cutting Plan ▾

**Material List**

	Material ID	Material Type	Length (mm)	Unit Weight (kg/m)
1	F0190030-6...	F19*3	6100	0.45
2	F0190045-61...	F19*4.5	6100	0.67
3	I032005030...	I32*5*3	6100	0.96
4	I032005030...	I32*5*3	6500	0.96
5	I025005030...	I25*5*3	6100	0.78
6	I025005030...	I25*5*3	6500	0.78
7	F0250050-6...	F25*5	6100	0.98
8	F0320050-6...	F32*5	6100	1.26
9	F0250045-6...	F25*4.5	6100	0.88
10	F0320045-6...	F32*4.5	6000	0.98
11	F0300050-...	F30*5	6100	1.18
12	F0300050-...	F30*5	6500	1.18
13	PI0050050-...	PI5*5	1040	0.2
14	PI0060060-...	PI6*6	1040	0.22
15	PI0070070-...	PI7*7	1040	0.3
16	PI0080080-...	PI8*8	1040	0.4
17	RQ0050050...	RQ5*5	1040	0.2
18	RQ0060060...	RQ6*6	1040	0.282
19	RQ0070070...	RQ7*7	1040	0.38
20	RQ0080080...	RQ8*8	1040	0.5
21	SQ0050050...	SQ5*5	1040	0.2
22	SQ0060060...	SQ6*6	1040	0.282
23	SQ0070070...	SQ7*7	1040	0.38
24	PSE035005...	PSE35*5	6100	1.37
25	PSE032005...	PSE32*5	6100	1.26

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**Manufacturing-Spec. List**

	Spec ID	Bearing-Bar ID	Cross-Bar ID	B-Pitch (mm)	C-Pitch (mm)	Blade (mm)
1	MS-F0190030-001	F0190030-6100	SQ0050050-1040	30	100	6
2	MS-F0250030-001	F0250030-6100	SQ0050050-1040	30	100	6
3	MS-F0190045-001	F0190045-6100	SQ0060060-1040	30	100	9
4	MS-F0250045-001	F0250045-6100	SQ0060060-1040	30	100	9
5	MS-F0250050-001	F0250050-6100	SQ0060060-1040	30	100	9
6	MS-F0300050-001	F0300050-6100	SQ0060060-1040	30	100	9
7	MS-F0320030-001	F0320030-6100	SQ0050050-1040	30	100	6
8	MS-F0320045-001	F0320045-6000	SQ0060060-1040	30	100	9
9	MS-F0300030-001	F0300030-6100	SQ0050050-1040	30	100	6
10	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
11	MS-F0380030-001	F0380030-6100	SQ0050050-1040	30	100	6
12	MS-F0380050-001	F0380050-6100	SQ0060060-1040	30	100	9
13	MS-F0440045-001	F0440045-6000	SQ0060060-1040	30	100	9
14	MS-F0440050-001	F0440050-6100	SQ0060060-1040	30	100	9
15	MS-F0400050-001	F0400050-6100	SQ0060060-1040	30	100	9
16	MS-F0450050-001	F0450050-6100	SQ0060060-1040	30	100	9
17	MS-F0500045-001	F0500045-6000	SQ0060060-1040	30	100	9
18	MS-F0500050-001	F0500050-6000	SQ0060060-1040	30	100	9
19	MS-F0500060-001	F0500060-6000	SQ0060060-1040	30	100	9
20	MS-I025005030-...	I025005030-6100	SQ0060060-1040	30	100	9
21	MS-I025005030-...	I025005030-6100	SQ0060060-1040	35.3	100	9
22	MS-I032005030-...	I032005030-6100	SQ0060060-1040	30	100	9
23	MS-I032005030-...	I032005030-6100	SQ0060060-1040	35.3	100	9
24	MS-I038005030-...	I038005030-6100	SQ0060060-1040	30	100	9
25	MS-I044005030-...	I044005030-6100	SQ0060060-1040	30	100	9

Rows per page: 100 ▾ 1-100 of 100 < >



On the **left table (Material List)**, you can generate **Material IDs**. These IDs are automatically assigned based on **Material Type** and **Length**.

You can then combine two Material IDs from the left table to create a **Spec ID** on the **right table (Manufacturing-Spec. List)**. A Spec ID includes:

- The Material ID designated as the **Bearing-Bar**
- The Material ID designated as the **Cross-Bar**
- **Bearing Bar Pitch**
- **Cross-Bar Pitch**
- **Saw Blade Thickness**

To create a **Material ID** or generate a **Spec ID**, click the **+ button** located at the bottom of each respective table.

The screenshot displays the SANGJIN Cutting Planning System interface. It features two main tables: the **Material List** on the left and the **Manufacturing-Spec. List** on the right. The **Material List** table includes columns for Material ID, Material Type, Length (mm), and Unit Weight (Kg/m). The **Manufacturing-Spec. List** table includes columns for Spec ID, Bearing-Bar ID, Cross-Bar ID, B-Pitch (mm), C-Pitch (mm), and Blade (mm). An **Add** dialog box is open over the **Material List** table, allowing the user to input the following details:

- Material ID: F0190045-6100
- Material Type: F19*4.5
- Length (mm): 6100
- Unit Weight (Kg/m): 0.45

The dialog box has an **Add** button at the bottom right. The **Material List** table has a **+** button at the bottom center. The **Manufacturing-Spec. List** table has a **+** button at the bottom right.

You can input the necessary values by pressing the Enter key to move to the next field. Creation is automatic when you either click the Add button or press Enter after inputting the final value.

The screenshot displays the SANGJIN Cutting Planning System interface. It features two main tables: 'Material List' on the left and 'Manufacturing-Spec. List' on the right. An 'Add' modal window is open in the center, allowing users to create a new Spec ID. The modal includes dropdown menus for 'Bearing-Bar Select' and 'Cross-Bar Select', and input fields for 'B-Pitch (mm)', 'C-Pitch (mm)', 'Blade (mm)', and 'Spec ID'. The 'Add' button is located at the bottom right of the modal. The background tables show various material and manufacturing specifications with columns for IDs, dimensions, and weights. The 'Add' button in the bottom right corner of the interface is highlighted with a red box.

Similarly, when creating a **Spec ID**, you can define the necessary fields using the following modal window.

A Spec ID is generated based on the format: 'MS – {**Bearing-Bar Material Type**} – {**Unique Identifier**}'. The unique identifier is a 3-digit integer (e.g., '001'). This identifier increases each time you create a new Spec ID that shares the same Bearing-Bar but has at least one different value for the Cross-Bar, B-Pitch, C-Pitch, or Blade.

Material List

	Material ID	Material Type	Length (mm)	Unit Weight (Kg/m)
1	F0190030-6...	F19*3	6100	0.45
2	F0190045-61...	F19*4.5	6100	0.67
3	I032005030...	I32*5*3	6100	0.96
4	I032005030...	I32*5*3	6500	0.96
5	I025005030...	I25*5*3	6100	0.78
6	I025005030...	I25*5*3	6500	0.78
7	F0250050-6...	F25*5	1040	0.2
8	F0320050-6...	F32*5	1040	0.282
9	F0250045-6...	F25*4.5	1040	0.38
10	F0320045-6...	F32*4.5	1040	1.37
11	F0300050-...	F30*5	6100	1.26
12	F0300050-...	F30*5	6100	1.26
13	PI0050050-...	PI5*5	6100	1.26
14	PI0060060-...	PI6*6	6100	1.26
15	PI0070070-...	PI7*7	6100	1.26
16	PI0080080-...	PI8*8	6100	1.26
17	RQ0050050...	RQ5*5	6100	1.26
18	RQ0060060...	RQ6*6	6100	1.26
19	RQ0070070...	RQ7*7	6100	1.26
20	RQ0080080...	RQ8*8	6100	1.26
21	SQ0050050...	SQ5*5	6100	1.26
22	SQ0060060...	SQ6*6	6100	1.26
23	SQ0070070...	SQ7*7	6100	1.26
24	PSE035005...	PSE35*5	6100	1.26
25	PSF037005...	PSF37*5	6100	1.26

Manufacturing-Spec. List

	Spec ID	Bearing-Bar ID	Cross-Bar ID	B-Pitch (mm)	C-Pitch (mm)	Blade (mm)
1	MS-F0190030-001	F0190030-6100	SQ0050050-1040	30	100	6
2	MS-F0250030-001	F0250030-6100	SQ0050050-1040	30	100	6
3	MS-F0190045-001	F0190045-6100	SQ0060060-1040	30	100	9
4	MS-F0250045-001	F0250045-6100	SQ0060060-1040	30	100	9
5	MS-F0250050-001	F0250050-6100	SQ0060060-1040	30	100	9
6	MS-F0300050-001	F0300050-6100	SQ0060060-1040	30	100	9
7	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
8	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
9	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
10	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
11	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
12	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
13	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
14	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
15	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
16	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
17	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
18	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
19	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
20	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
21	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
22	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
23	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
24	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
25	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9

Add

Bearing-Bar Select

Cross-Bar Select

Bearing-Bar Select

Cross-Bar Select

Search...

F0190030-6100

F0190045-6100

I032005030-6100

I032005030-6500

I025005030-6100

I025005030-6500

F0250050-6100

F0320050-6100

F0250045-6100

F0320045-6000

F0300050-6100

F0300050-6500

Add

You can search for Material IDs or locate them manually to add them.

Material List

	Material ID	Material Type	Length (mm)	Unit Weight (Kg/m)
1	F0190030-6...	F19*3	6100	0.45
2	F0190045-61...	F19*4.5	6100	0.67
3	I032005030...	I32*5*3	6100	0.96
4	I032005030...	I32*5*3	6500	0.96
5	I025005030...	I25*5*3	6100	0.78
6	I025005030...	I25*5*3	6500	0.78
7	F0250050-6...	F25*5	1040	0.2
8	F0320050-6...	F32*5	1040	0.282
9	F0250045-6...	F25*4.5	1040	0.38
10	F0320045-6...	F32*4.5	1040	1.37
11	F0300050-...	F30*5	6100	1.26
12	F0300050-...	F30*5	6100	1.26
13	PI0050050-...	PI5*5	6100	1.26
14	PI0060060-...	PI6*6	6100	1.26
15	PI0070070-...	PI7*7	6100	1.26
16	PI0080080-...	PI8*8	6100	1.26
17	RQ0050050...	RQ5*5	6100	1.26
18	RQ0060060...	RQ6*6	6100	1.26
19	RQ0070070...	RQ7*7	6100	1.26
20	RQ0080080...	RQ8*8	6100	1.26
21	SQ0050050...	SQ5*5	6100	1.26
22	SQ0060060...	SQ6*6	6100	1.26
23	SQ0070070...	SQ7*7	6100	1.26
24	PSE035005...	PSE35*5	6100	1.26
25	PSF037005...	PSF37*5	6100	1.26

Manufacturing-Spec. List

	Spec ID	Bearing-Bar ID	Cross-Bar ID	B-Pitch (mm)	C-Pitch (mm)	Blade (mm)
1	MS-F0190030-001	F0190030-6100	SQ0050050-1040	30	100	6
2	MS-F0250030-001	F0250030-6100	SQ0050050-1040	30	100	6
3	MS-F0190045-001	F0190045-6100	SQ0060060-1040	30	100	9
4	MS-F0250045-001	F0250045-6100	SQ0060060-1040	30	100	9
5	MS-F0250050-001	F0250050-6100	SQ0060060-1040	30	100	9
6	MS-F0300050-001	F0300050-6100	SQ0060060-1040	30	100	9
7	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
8	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
9	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
10	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
11	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
12	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
13	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
14	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
15	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
16	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
17	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
18	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
19	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
20	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
21	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
22	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
23	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
24	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9
25	MS-F0320050-001	F0320050-6100	SQ0060060-1040	30	100	9

Edit

Material ID

F0320050-6100

Material Type

F32*5

Length (mm)

6100

Unit Weight (Kg/m)

1.26

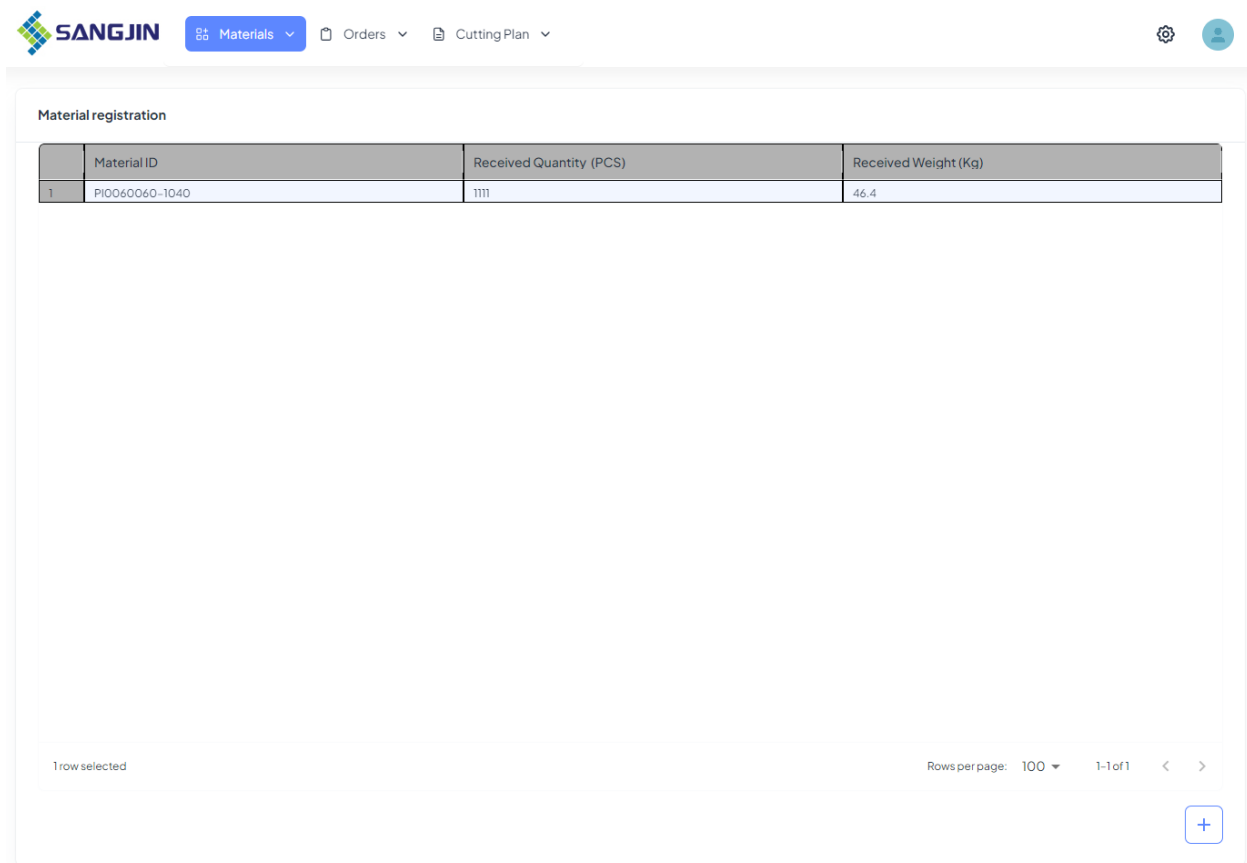
Delete

Edit

Just like creating, you can modify or delete a Material ID or Spec ID by clicking its

corresponding row. However, please note that modification and deletion are not possible if the Material ID or Spec ID is already registered in an order list or has been used to generate a cutting plan.

Materials Registration Page



The screenshot displays the 'Materials Registration' page. At the top, there is a navigation bar with the 'SANGJIN' logo, a 'Materials' dropdown menu, and links for 'Orders' and 'Cutting Plan'. A settings icon and a user profile icon are also present. The main content area is titled 'Material registration' and contains a table with the following data:

	Material ID	Received Quantity (PCS)	Received Weight (Kg)
1	PI0060060-1040	1111	46.4

Below the table, it indicates '1 row selected'. At the bottom right, there is a 'Rows per page: 100' dropdown, '1-1 of 1' pagination, and a '+' button to add new materials.

This page helps you manage the **quantity** and **weight** of each **Material ID**.

The screenshot shows the SANGJIN Material registration interface. At the top, there is a navigation bar with the SANGJIN logo, a 'Materials' dropdown menu, and 'Orders' and 'Cutting Plan' tabs. Below the navigation bar, there is a table titled 'Material registration' with the following data:

	Material ID	Received Quantity (PCS)	Received Weight (Kg)
1	PI0060060-1040	1111	46.4

In the center, there is an 'Add Row' dialog box with the following fields:

- Material ID Select (dropdown menu)
- Received Quantity (PCS) (text input)
- Received Weight (Kg) (text input)

At the bottom right of the dialog box, there are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted with a red box. At the bottom right of the main interface, there is a '+' button, also highlighted with a red box.

Similarly, you can add new items by clicking the + **button** at the bottom.

The screenshot shows the SANGJIN Material registration interface. At the top, there is a navigation bar with the SANGJIN logo, a 'Materials' dropdown menu, and 'Orders' and 'Cutting Plan' tabs. Below the navigation bar, there is a table titled 'Material registration' with the following data:

	Material ID	Received Quantity (PCS)	Received Weight (Kg)
1	PI0060060-1040	1111	46.4

In the center, there is an 'Edit Row' dialog box with the following fields:

- Material ID Select (dropdown menu)
- Received Quantity (PCS) (text input)
- Received Weight (Kg) (text input)

At the bottom right of the dialog box, there are 'Delete', 'Cancel', and 'Save' buttons. The 'Delete' button is highlighted with a red box. At the bottom right of the main interface, there is a '+' button, also highlighted with a red box.

If you want to **modify or delete** a created item, you can do so by clicking its corresponding row, as shown in the image.

Materials Specification Page

The screenshot displays the SANGJIN Materials Specification Page. The top navigation bar includes the SANGJIN logo, a 'Materials' dropdown menu, and links for 'Orders' and 'Cutting Plan'. The main content area is titled 'Standardized-Item List' and features a table with the following columns: Item Name, Material ID, End-bar, Item Type, Width (mm), Length (mm), CB Count, LEP (mm), REP (mm), Weight (kg), and NE Weight (kg). The table is currently empty, showing 'No rows'. At the bottom right of the table, there are controls for 'Rows per page: 100', '0-0 of 0', and buttons for 'Apply Changes', '+ Add', and 'Delete'.

This page allows you to create **Item Names**, which are the standard for materials.



Here's an explanation of each button:

- **Apply Changes:** This button applies the changes made to your Item list. Your modifications won't be saved to the server until you click this button. It will only become active if there's at least one change.
- **Add:** Clicking this button adds a new cell to the table. Initially, the cell will be blank, and you can either type directly into it or import from a list.
- **Delete:** This button deletes the selected cell. It's disabled by default if no cell is selected.

Standardized-Item List

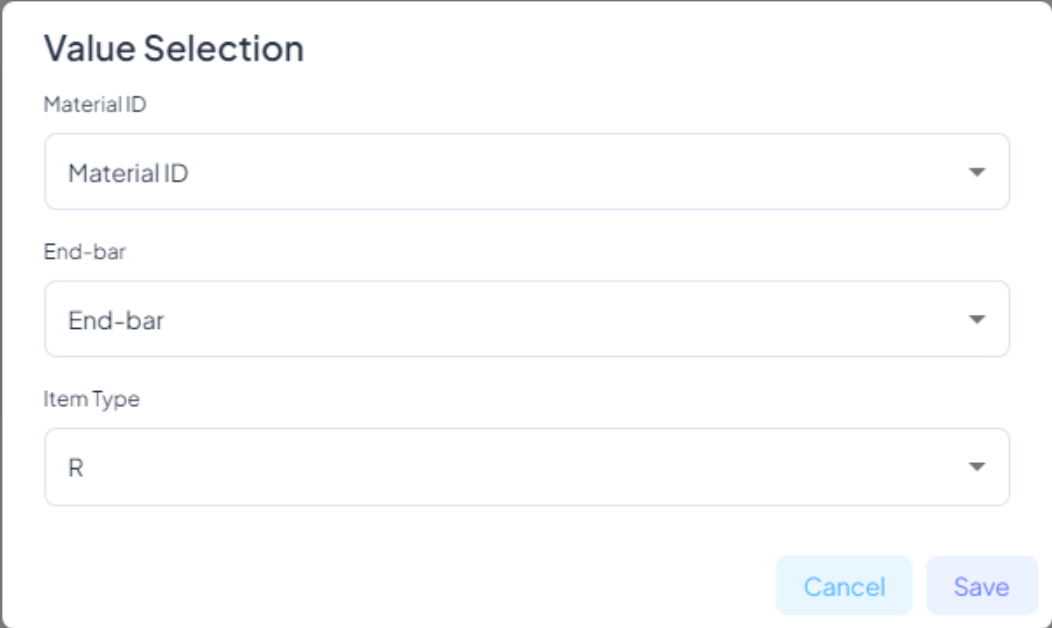
	Item Name	Material ID	End-bar	Item Type	Width (mm)	Length (mm)	CB Count	LEP (mm)	REP (mm)	Weight (kg)	NE Weight (kg)
1	Steal Greeting			R							

1 row selected

Rows per page: 100 1-1 of 1 < >

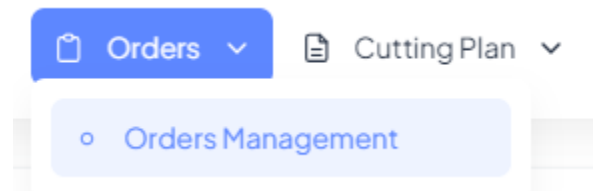
Apply Changes + Add Delete

When adding an item, fields with a **red border** (Material ID, End-bar, Item Type) can be selected from the modal window, while the remaining fields allow for direct input.




The image shows a 'Value Selection' dialog box with three dropdown menus. The first dropdown is labeled 'Material ID' and has 'Material ID' selected. The second dropdown is labeled 'End-bar' and has 'End-bar' selected. The third dropdown is labeled 'Item Type' and has 'R' selected. At the bottom right of the dialog are two buttons: 'Cancel' and 'Save'.



Orders Menu



This page allows you to **manage your order list**.



Materials
Orders
Cutting Plan

Orders list

	Task Number	Order Number	Surface Treatment	Coating Thickness	Remarks	Category	Order Date	Customer Code	Delivery Date
1	20250313-T-01	[SAMPLE]_2410-O...	GALV	75	없음	플랜트	2025-03-13	삼우건축	2025-03-20
2	20250313-T-02	[SAMPLE]_2502-...	GALV	75	없음	플랜트	2025-03-13	세양기업	2025-03-20
3	20250313-T-03	[SAMPLE]_2407-...	GALV	75	없음	플랜트	2025-03-13	세일플랜트	2025-03-20
4	20250313-T-04	[SAMPLE]_KP2412...	GALV	75	없음	플랜트	2025-03-13	삼삼조선	2025-03-13
5	20250314-T-01	2503-034	GALV	75	없음	플랜트	2025-03-14	세보엘이씨	2025-03-28
6	20250325-T-01	KP2503-032	GALV	75	없음	플랜트	2025-03-25	삼탑엔지니어링	2025-04-10
7	20250327-T-01	2503-034	GALV	75	없음	플랜트	2025-03-27	TEST	2025-04-05
8	20250327-T-02	2503-034A	GALV	75	없음	플랜트	2025-03-27	TEST-2	2025-04-05
9	20250327-T-03	2004-036H	GALV	75	없음	플랜트	2025-03-27	동성테스트	2025-04-05
10	20250410-T-01	2504-001	GALV	75	없음	플랜트	2025-04-10	칸플랜트	2025-04-30
11	20250410-T-02	2504-002	GALV	75	없음	플랜트	2025-04-10	PICHT TEST-50	2025-04-30
12	20250410-T-03	2504-003	GALV	75	없음	플랜트	2025-04-10	PITCH TEST-30	2025-04-30
13	20250410-T-04	2504-004	GALV	75	없음	플랜트	2025-04-10	TEST-BB PITCH	2025-04-30
14	20250415-T-01	A2009-357	GALV	75	없음	플랜트	2025-04-15	PSS	2025-04-30
15	20250416-T-01	A2009-358	GALV	75	없음	플랜트	2025-04-16	PSS-30/100	2025-05-10
16	20250422-T-01	2504-005	GALV	75	없음	플랜트	2025-04-22	동성-테스트	2025-05-09
17	20250430-T-01	2505-001	GALV	75	없음	플랜트	2025-04-30	말진금속	2025-05-16
18	20250508-T-01	2505-005	GALV	75	없음	플랜트	2025-05-02	칸 플랜트	2025-05-28
19	20250513-T-01	2505-013	GALV	75	없음	플랜트	2025-05-13	할안중공업	2025-06-10
20	20250513-T-02	2505-014	GALV	75	없음	플랜트	2025-05-13	CB-925 TEST	2025-05-14
21	20250514-T-01	2505-022A	GALV	75	없음	플랜트	2025-05-14	동화이앤아이	2025-05-20
22	20250514-T-02	2505-023	GALV	75	없음	플랜트	2025-05-14	칸플랜트	2025-06-14
23	20250514-T-03	2505-024	GALV	75	없음	플랜트	2025-05-14	칸플랜트	2025-06-14
24	20250526-T-01	2505-038	GALV	75	없음	플랜트	2025-05-26	동화이앤아이	2025-06-04
25	20250528-T-01	2505-028	GALV	75	없음	플랜트	2025-05-28	TOYO KAN	2025-06-28

1 row selected
Rows per page: 100
1-33 of 33

+

You can **create, modify, or delete** orders directly within the **Orders list** table.

The screenshot displays the SANGJIN Cutting Planning System interface. At the top, there is a navigation bar with the SANGJIN logo and tabs for 'Materials', 'Orders', and 'Cutting Plan'. The 'Orders' tab is active. Below the navigation bar, there is a table titled 'Orders list' with columns: Task Number, Order Number, Surface Treatment, Coating Thickness, Remarks, Category, Order Date, Customer Code, and Delivery Date. The table contains 25 rows of data. Overlaid on the table is a modal form titled 'Add Order'. The form has the following fields: Task Number (with a value of 20250610-T-01), Order Number, Surface Treatment (with a value of GALV), Coating Thickness (with a value of 75), Remarks (with a value of None), Category (with a value of Plant), Order Date (with a value of 연도-월-일), Delivery Date (with a value of 연도-월-일), and Customer Code. At the bottom of the modal form are 'Cancel' and 'Save' buttons. The 'Save' button is highlighted with a red box. In the bottom right corner of the interface, there is a red box containing a plus sign (+).

	Task Number	Order Number	Surface Treatment	Coating Thickness	Remarks	Category	Order Date	Customer Code	Delivery Date
1	20250313-T-01	[SAMPLE]_2410-O...	GALV	75	없음	플랜트	2025-03-13	삼우건축	2025-03-20
2	20250313-T-02	[SAMPLE]_2502-	GALV	75	없음	플랜트	2025-03-13	세원기업	2025-03-20
3	20250313-T-03								2025-03-20
4	20250313-T-04								2025-03-13
5	20250314-T-01								2025-03-28
6	20250325-T-01								2025-04-10
7	20250327-T-01								2025-04-05
8	20250327-T-02								2025-04-05
9	20250327-T-03								2025-04-05
10	20250410-T-01								2025-04-30
11	20250410-T-02								2025-04-30
12	20250410-T-03								2025-04-30
13	20250410-T-04								2025-04-30
14	20250415-T-01								2025-04-30
15	20250416-T-01								2025-05-10
16	20250422-T-01								2025-05-09
17	20250430-T-01								2025-05-16
18	20250508-T-01								2025-05-28
19	20250513-T-01								2025-06-10
20	20250513-T-02								2025-05-14
21	20250514-T-01								2025-05-20
22	20250514-T-02								2025-06-14
23	20250514-T-03								2025-06-14
24	20250526-T-01								2025-06-04
25	20250528-T-01								2025-06-28

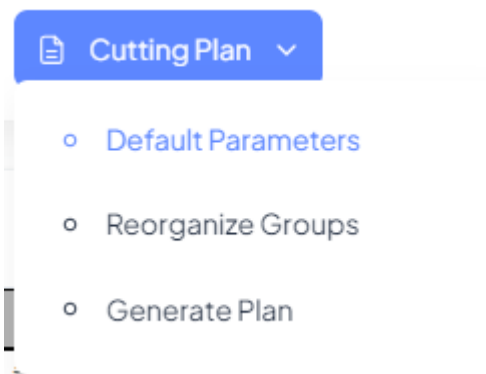
The Task Number is automatically generated. It follows the format 'YYYYMMDD-T-{2-digit integer}'. The 2-digit integer increments by one for each order were created on the same day.

The screenshot displays the 'Orders list' interface. It features a table with columns: Task Number, Order Number, Surface Treatment, Coating Thickness, Remarks, Category, Order Date, Customer Code, and Delivery Date. An 'Edit Order' modal form is open, allowing users to modify order details. The form includes fields for Task Number, Order Number, Surface Treatment, Coating Thickness, Remarks, Category, Order Date, Delivery Date, and Customer Code. At the bottom of the modal are 'Delete', 'Cancel', and 'Save' buttons. The background table shows a list of orders with their respective details.

Task Number	Order Number	Surface Treatment	Coating Thickness	Remarks	Category	Order Date	Customer Code	Delivery Date
9	20250327-T-03	2004-036H	GALV	75	없음	플랜트	2025-03-27	동성테스트
10	20250410-T-01	2004-036H	GALV	75	없음	플랜트	2025-04-10	동성테스트
11	20250410-T-02	2004-036H	GALV	75	없음	플랜트	2025-04-10	동성테스트
12	20250410-T-03	2004-036H	GALV	75	없음	플랜트	2025-04-10	동성테스트
13	20250410-T-04	2004-036H	GALV	75	없음	플랜트	2025-04-10	동성테스트
14	20250415-T-01	2004-036H	GALV	75	없음	플랜트	2025-04-15	동성테스트
15	20250416-T-01	2004-036H	GALV	75	없음	플랜트	2025-04-16	동성테스트
16	20250422-T-01	2004-036H	GALV	75	없음	플랜트	2025-04-22	동성테스트
17	20250430-T-01	2004-036H	GALV	75	없음	플랜트	2025-04-30	동성테스트
18	20250508-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-08	동성테스트
19	20250513-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-13	동성테스트
20	20250513-T-02	2004-036H	GALV	75	없음	플랜트	2025-05-13	동성테스트
21	20250514-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-14	동성테스트
22	20250514-T-02	2004-036H	GALV	75	없음	플랜트	2025-05-14	동성테스트
23	20250514-T-03	2004-036H	GALV	75	없음	플랜트	2025-05-14	동성테스트
24	20250526-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-26	동성테스트
25	20250528-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-28	동성테스트
26	20250528-T-02	2004-036H	GALV	75	없음	플랜트	2025-05-28	동성테스트
27	20250528-T-03	2004-036H	GALV	75	없음	플랜트	2025-05-28	동성테스트
28	20250529-T-01	2004-036H	GALV	75	없음	플랜트	2025-05-29	동성테스트
29	20250529-T-02	2004-036H	GALV	75	없음	플랜트	2025-05-29	동성테스트
30	20250604-T-01	2004-036H	GALV	75	없음	플랜트	2025-06-04	동성테스트
31	20250605-T-01	2004-036H	GALV	75	없음	플랜트	2025-06-05	동성테스트
32	20250609-T-01	2004-036H	GALV	75	없음	플랜트	2025-06-09	동성테스트
33	20250609-T-02	2004-036H	GALV	75	없음	플랜트	2025-06-09	동성테스트


If you want to modify or delete an order, simply click on its row to proceed with the changes or removal. However, please note that modification and deletion are not possible if a cutting plan has already been generated for that order.

Cutting Plan Menu



This page allows you to **add and group item lists to orders** for cutting plan generation. You can also **create cutting plans** and view **work orders** here.

Default Parameters Page


Materials
Orders
Cutting Plan

Order List

	Task Number	Order Number	Category	Order Date	Customer Code	Delivery Date	Total Quantity	Total Weight (Kg)
1	20250313-T-01	[SAMPLE]_2410-041	플랜트	2025-03-13	삼우건축	2025-03-20	52	1303.6
2	20250313-T-02	[SAMPLE]_2502-025	플랜트	2025-03-13	세양기업	2025-03-20	355	19615.5
3	20250313-T-03	[SAMPLE]_2407-030	플랜트	2025-03-13	재일플랜트	2025-03-20	51	1219.7
4	20250313-T-04	[SAMPLE]_KP2412-033	플랜트	2025-03-13	삼성조선	2025-03-13	649	18623.5
5	20250314-T-01	2503-034	플랜트	2025-03-14	세보엘이씨	2025-03-28	250	8811.6
6	20250325-T-01	KP2503-032	플랜트	2025-03-25	삼탄엘지나아빌	2025-04-10	141	4890.8
7	20250327-T-01	2503-034	플랜트	2025-03-27	TEST	2025-04-05	87	2827.1
8	20250327-T-02	2503-034A	플랜트	2025-03-27	TEST-2	2025-04-05	87	3116.2
9	20250327-T-03	2004-036H	플랜트	2025-03-27	동성테스트	2025-04-05	191	7166.6
10	20250410-T-01	2504-001	플랜트	2025-04-10	칸플랜트	2025-04-30	599	30189.9
11	20250410-T-02	2504-002	플랜트	2025-04-10	PITCH TEST-50	2025-04-30	599	30146.2
12	20250410-T-03	2504-003	플랜트	2025-04-10	PITCH TEST-30	2025-04-30	599	34377.4
13	20250410-T-04	2504-004	플랜트	2025-04-10	TEST-BB PITCH	2025-04-30	599	36650
14	20250415-T-01	A2009-357	플랜트	2025-04-15	PSS	2025-04-30	197	4879.9
15	20250416-T-01	A2009-358	플랜트	2025-04-16	PSS-30/100	2025-05-10	197	3420.7
16	20250422-T-01	2504-005	플랜트	2025-04-22	동성-테스트	2025-05-09	190	7086.6
17	20250430-T-01	2505-001	플랜트	2025-04-30	달진금속	2025-05-16	17	1490.6
18	20250508-T-01	2505-005	플랜트	2025-05-02	칸 플랜트	2025-05-28	47	883.6

Create BOM

BOM Export

Item List 20250410-T-01

번호	Drawing Number	Item No	Item Type	Item Name	Spec ID	EndBar	Width (mm)	Length (mm)	CB Count	LEP (mm)	REP (mm)	Quantity	Weight (Kg)	NE Weight
1	1	GRO07	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1602	16	51	51	1	75.2	72.7
2	1	GRO11	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	845	8	72.5	72.5	10	405	380
3	1	GRO15	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1110	11	55	55	2	105.4	100.4
4	1	GRO18	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1330	13	65	65	4	250.8	240.8
5	1	GRO21	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1275	12	87.5	87.5	2	120.2	115.2

This page features two lists. The **Order List** (top table) displays the orders you've created. From here, you can also generate a **BOM File** for bulk upload or download the currently saved BOM as an Excel file. The **Item List** (bottom table), identified by its Task Number, allows you to add or delete detailed items for the selected order.

Order List

	Task Number	Order Number	Category	Order Date	Customer Code	Delivery Date	Total Quantity	Total Weight (Kg)
1	20250313-T-01	[SAMPLE]_2410-041	플랜트	2025-03-13	삼우건축	2025-03-20	52	1303.6
2	20250313-T-02	[SAMPLE]_2502-025	플랜트	2025-03-13	세양기업	2025-03-20	355	19615.5
3	20250313-T-03	[SAMPLE]_2407-030	플랜트	2025-03-13	재일플랜트	2025-03-20	51	1219.7
4	20250313-T-04	[SAMPLE]_KP2412-033	플랜트	2025-03-13	삼성조선	2025-03-13	649	18623.5
5	20250314-T-01	2503-034	플랜트	2025-03-14	세보엘이씨	2025-03-28	250	8811.6
6	20250325-T-01	KP2503-032	플랜트	2025-03-25	삼탄엘지나아빌	2025-04-10	141	4890.8
7	20250327-T-01	2503-034	플랜트	2025-03-27	TEST	2025-04-05	87	2827.1
8	20250327-T-02	2503-034A	플랜트	2025-03-27	TEST-2	2025-04-05	87	3116.2
9	20250327-T-03	2004-036H	플랜트	2025-03-27	동성테스트	2025-04-05	191	7166.6
10	20250410-T-01	2504-001	플랜트	2025-04-10	칸플랜트	2025-04-30	599	30189.9
11	20250410-T-02	2504-002	플랜트	2025-04-10	PITCH TEST-50	2025-04-30	599	30146.2
12	20250410-T-03	2504-003	플랜트	2025-04-10	PITCH TEST-30	2025-04-30	599	34377.4
13	20250410-T-04	2504-004	플랜트	2025-04-10	TEST-BB PITCH	2025-04-30	599	36650
14	20250415-T-01	A2009-357	플랜트	2025-04-15	PSS	2025-04-30	197	4879.9
15	20250416-T-01	A2009-358	플랜트	2025-04-16	PSS-30/100	2025-05-10	197	3420.7
16	20250422-T-01	2504-005	플랜트	2025-04-22	동성-테스트	2025-05-09	190	7086.6
17	20250430-T-01	2505-001	플랜트	2025-04-30	달진금속	2025-05-16	17	1490.6
18	20250508-T-01	2505-005	플랜트	2025-05-02	칸 플랜트	2025-05-28	47	883.6

Please select the specification code and EndBar to use for order number "20250410-T-01".

Spec ID

Select

EndBar

▼

Cancel

Download Template

Create BOM

BOM Export

- Create BOM : You can create an **Excel template for bulk uploads**. This template allows you to specify the **Spec ID** and **EndBar** type.
- BOM Export : You can download the **currently generated orders** in an Excel format.

	A	B	C	D	E
1	2504-001/칸플랜트				
2	BB:F25*3 EB:I32*5*3 CB:SQ5*5 피치:30.0/100.0				
3	사양코드: MS-F0250030-001 EB코드: I032005030-6500				
4	도면번호	품번	폭(mm)	길이(mm)	수량
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

After downloading the Excel file, you can input your desired data into it and then **bulk upload** it using the bottom table.

Item List 20250410-T-01														
번호	Drawing Number	Item No	Item Type	Item Name	Spec ID	EndBar	Width (mm)	Length (mm)	CB Count	LEP (mm)	REP (mm)	Quantity	Weight (Kg)	NE Weight
5	1	GRO21	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1275	12	87.5	87.5	2	120.2	115.2
6	1	GRO23	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1130	11	65	65	10	536	511
7	1	GRO24	R	Steel Grating	MS-F0320050-001	F0320050-6100	695	1545	15	72.5	72.5	1	51.1	49.3
8	1	GRO25	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	895	8	97.5	97.5	3	128.1	120.6
9	1	GRO30	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1220	12	60	60	13	750.1	717.6
10	1	GRO32	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1320	13	60	60	21	1308.3	1255.8
11	1	GRO33	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1020	10	60	60	1	48.6	46.1
12	1	GRO38	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1585	16	42.5	42.5	2	149	144
13	1	GRO40	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1380	14	40	40	2	130.2	125.2
14	1	GRO43	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1652	16	76	76	1	77.3	74.8
15	1	GRO48	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1652	16	76	76	1	77.3	74.8
16	1	GRO56	R	Steel Grating	MS-F0320050-001	F0320050-6100	995	1602	16	51	51	7	526.4	508.9
17	1	GRO61	R	Steel Grating	MS-F0320050-001	F0320050-6100	605	1295	12	97.5	97.5	5	188	180.5
18	1	GRO62	R	Steel Grating	MS-F0320050-001	F0320050-6100	605	1110	11	55	55	1	32.5	31
19	1	GRO64	R	Steel Grating	MS-F0320050-001	F0320050-6100	605	1330	13	65	65	2	77.4	74.4
20	1	GRO67	R	Steel Grating	MS-F0320050-001	F0320050-6100	605	1275	12	87.5	87.5	1	37	35.5

Apply
Upload BOM
+ Add
Delete
Delete All

- Apply: Applies all changes.

- Upload BOM: Uploads the Bill of Materials you previously created.
- Add: Adds a single item.
- Delete: Deletes the selected item.
- Delete All: Deletes all items within the current order.

Item List 20250410 - T-01

번호	Drawing Number	Item	Material	Capacity	Quantity	Weight (Kg)	NE Weight
400	7	GR647	R	Steel Grating	1	37.4	34.9
407	7	GR648	R	Steel Grating	1	59.1	56.6
408	7	GR649	R	Steel Grating	1	35.8	34.3
409	7	GR650	R	Steel Grating	1	23	21.5
410	7	GR651	R	Steel Grating	1	23	21.5
411	7	GR652	R	Steel Grating	1	49.6	47.1
412	7	GR653	R	Steel Grating	1	59.6	57.1
413	7	GR647	R	Steel Grating	1	59.6	57.1
414	7	GR648	R	Steel Grating	1	57.2	54.7
415	7	GR649	R	Steel Grating	1	39.8	37.3
416	7	GR650	R	Steel Grating	1	58.1	55.6
417	7	GR651	R	Steel Grating	1	58.1	55.6
418	7	GR652	R	Steel Grating	1	39.9	38.2
419	7	GR653	R	Steel Grating	1	25.2	23.5
420	7	GR654	R	Steel Grating	1	25.2	23.5
421	7	GR655	R	Steel Grating	1	39.9	38.2
422	7	GR655	R	Steel Grating	1	39.9	38.2

Data Edit

Item Type: R | Item Name: Steel Grating | Spec ID: MS-F0320050-0 | EndBar: F0320050-6100

Apply Upload BOM + Add Delete Delete All

If you want to **modify an item**, you can either **double-click the cell** or press **Enter**.

Reorganize Groups Page

This page allows you to **merge or split items** within an order based on their **Drawing Number**.

 Materials Orders Cutting Plan

Order No.	Order Date	Order Item	Order Qty	Order Unit	Order Price	Order Total	Order Status
27	2025-05-28	2505-0097	1	개	0	0	20250528-T-03
28	2025-05-29	2505-039	1	개	77	1644	20250529-T-01
29	2025-05-29	2505-040 MPI	1	개	189	3101.4	20250529-T-02
30	2025-06-04	2506-004	1	개	98	3131.2	20250604-T-01
31	2025-06-05	2506-005	1	개	385	11150.2	20250605-T-01
32	2025-06-09	2506-010	1	개	80	3404.3	20250609-T-01
33	2025-06-09	2506-011	1	개	81	3397.2	20250609-T-02

Reorganize Group

Order No.	Drawing Number	Item No.	Item Type	Item Name	Spec ID	EndBar	Width (mm)	Length (mm)	CB Count	LEP (mm)	REP (mm)	Quantity	Weight (Kg)	Group Number
5	2	14	R	Steel Grating	MS-1025005030-001	F0250045-6100	435	995	10	47.5	47.5	1	13.5	G-20250610-00-002
6	2	15	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	995	10	47.5	47.5	2	43.2	G-20250610-00-002
7	2	16	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	995	10	47.5	47.5	1	20.7	G-20250610-00-002
8	2	17	R	Steel Grating	MS-1025005030-001	F0250045-6100	640	995	10	47.5	47.5	1	19.9	G-20250610-00-002
9	2	18	R	Steel Grating	MS-1025005030-001	F0250045-6100	725	995	10	47.5	47.5	1	22.5	G-20250610-00-002
10	2	19	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	995	10	47.5	47.5	1	20.7	G-20250610-00-002
11	2	20	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	1065	10	82.5	82.5	1	23	G-20250610-00-002
12	2	21	R	Steel Grating	MS-1025005030-001	F0250045-6100	485	1065	10	82.5	82.5	1	16.2	G-20250610-00-002
13	2	22	R	Steel Grating	MS-1025005030-001	F0250045-6100	545	1065	10	82.5	82.5	1	18.1	G-20250610-00-002
14	2	23	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	1065	10	82.5	82.5	1	22	G-20250610-00-002
15	2	24	R	Steel Grating	MS-1025005030-001	F0250045-6100	725	1065	10	82.5	82.5	1	23.9	G-20250610-00-002
16	2	25	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	1065	10	82.5	82.5	1	23	G-20250610-00-002
17	2	26	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	1065	10	82.5	82.5	1	22	G-20250610-00-002
18	2	27	R	Steel Grating	MS-1025005030-001	F0250045-6100	650	1035	10	67.5	67.5	1	20.6	G-20250610-00-002
19	2	28	R	Steel Grating	MS-1025005030-001	F0250045-6100	575	1035	10	67.5	67.5	2	37.2	G-20250610-00-002
20	2	29	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	1035	10	67.5	67.5	1	21.5	G-20250610-00-002
21	2	30	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	940	9	70	70	1	20.4	G-20250610-00-002
22	2	31	R	Steel Grating	MS-1025005030-001	F0250045-6100	485	830	8	65	65	2	35.4	G-20250610-00-002

Bulk Change All Bulk Change Group Merge Split

You can select multiple items with the same **Drawing Number** by holding **Ctrl** and clicking.

When selected, the rows will alternate between green and yellow.

Reorganize Group

Order No.	Drawing Number	Item No.	Item Type	Item Name	Spec ID	EndBar	Width (mm)	Length (mm)	CB Count	LEP (mm)	REP (mm)	Quantity	Weight (Kg)	Group Number
57	2	66	R	Steel Grating	MS-1025005030-001	F0250045-6100	665	1040	10	70	70	1	21.5	G-20250610-00-002
58	2	67	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	990	10	45	45	1	21.5	G-20250610-00-002
59	2	68	R	Steel Grating	MS-1025005030-001	F0250045-6100	485	990	10	45	45	1	15.2	G-20250610-00-002
60	2	69	R	Steel Grating	MS-1025005030-001	F0250045-6100	635	990	10	45	45	1	19.7	G-20250610-00-002
61	2	70	R	Steel Grating	MS-1025005030-001	F0250045-6100	485	990	10	45	45	1	15.2	G-20250610-00-002
62	2	71	R	Steel Grating	MS-1025005030-001	F0250045-6100	815	990	10	45	45	1	25.2	G-20250610-00-002
63	2	72	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	990	10	45	45	1	21.5	G-20250610-00-002
64	2	73	R	Steel Grating	MS-1025005030-001	F0250045-6100	635	990	10	45	45	1	19.7	G-20250610-00-002
65	3	10	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	1015	10	57.5	57.5	1	22	G-20250610-00-003
66	3	11	R	Steel Grating	MS-1025005030-001	F0250045-6100	815	1015	10	57.5	57.5	1	25.7	G-20250610-00-003
67	3	12	R	Steel Grating	MS-1025005030-001	F0250045-6100	855	1015	10	57.5	57.5	1	26.7	G-20250610-00-003
68	3	13	R	Steel Grating	MS-1025005030-001	F0250045-6100	995	1510	15	55	55	1	45.8	G-20250610-00-003
69	3	14	R	Steel Grating	MS-1025005030-001	F0250045-6100	755	1510	15	55	55	1	35	G-20250610-00-003
70	3	15	R	Steel Grating	MS-1025005030-001	F0250045-6100	845	1015	10	57.5	57.5	1	26.6	G-20250610-00-003
71	3	16	R	Steel Grating	MS-1025005030-001	F0250045-6100	995	1015	10	57.5	57.5	1	32.2	G-20250610-00-003
72	3	17	R	Steel Grating	MS-1025005030-001	F0250045-6100	1085	1015	10	57.5	57.5	1	33.1	G-20250610-00-003
73	3	18	R	Steel Grating	MS-1025005030-001	F0250045-6100	695	990	10	45	45	1	21.5	G-20250610-00-003
74	3	19	R	Steel Grating	MS-1025005030-001	F0250045-6100	815	990	10	45	45	1	25.2	G-20250610-00-003

Bulk Change All Bulk Change Group Merge Split

- **Bulk Change All:** Changes the **Spec ID** for all items in the current order.
- **Bulk Change Group:** Changes the **Spec ID** for the selected groups.
- **Merge:** Combines the selected groups into a single group.
- **Split:** Restores merged groups back to their original, individual states.

Generate Plan Page

SANGJIN Materials Orders Cutting Plan

Task List

	Task Number	Order Number	Category	Order Date	Delivery Date	Customer Code	
1	20250313-T-01	[SAMPLE]_2410-041	플랜트	2025-03-13	2025-03-20	삼우건축	52
2	20250313-T-02	[SAMPLE]_2502-025	플랜트	2025-03-13	2025-03-20	세양기업	31
3	20250313-T-03	[SAMPLE]_2407-030	플랜트	2025-03-13	2025-03-20	제일플랜트	51
4	20250313-T-04	[SAMPLE]_KP2412-035	플랜트	2025-03-13	2025-03-13	삼성조선	64
5	20250314-T-01	2503-034	플랜트	2025-03-14	2025-03-28	세보엠이씨	21
6	20250325-T-01	KP2503-032	플랜트	2025-03-25	2025-04-10	삼탑엔지니어링	14
7	20250327-T-01	2503-034	플랜트	2025-03-27	2025-04-05	TEST	87
8	20250327-T-02	2503-034A	플랜트	2025-03-27	2025-04-05	TEST-2	87
9	20250327-T-03	2004-036H	플랜트	2025-03-27	2025-04-05	동성테스트	19

Generate Plan View Past Plan Change Settings

Planning Details

	Group Number	Even Percentage(%)	Item Name	Spec ID	Compression Setting	Base Length	+L Adjustment	-L Adjustment	+W Adjustment	-W Adjustment
1	G-20250410-02-001	63.6	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
2	G-20250410-02-002	64.3	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
3	G-20250410-02-003	70.9	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
4	G-20250410-02-004	71.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
5	G-20250410-02-005	84.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
6	G-20250410-02-006	91.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3
7	G-20250410-02-007	94.1	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3	3	-3

Change Spec ID

Cutting-Plan Results: Grouped Materials

	Group Number	Total Quantity	BB Loss Rate(%)	CB Loss Rate(%)	BB Code	BB Usage(Kg)	BB Loss(Kg)	CB Code	CB Usage(Kg)	CB Loss(Kg)
데이터가 없습니다										

View Item Placement (Work Order Form) View Details

This page allows you to **generate cutting plans** for orders.

Task List

	Task Number	Order Number	Category	Order Date	Delivery Date	Customer Code	
1	20250313-T-01	[SAMPLE]_2410-041	플랜트	2025-03-13	2025-03-20	삼우건축	52
2	20250313-T-02	[SAMPLE]_2502-025	플랜트	2025-03-13	2025-03-20	세양기업	31
3	20250313-T-03	[SAMPLE]_2407-030	플랜트	2025-03-13	2025-03-20	제일플랜트	51
4	20250313-T-04	[SAMPLE]_KP2412-035	플랜트	2025-03-13	2025-03-13	삼성조선	64
5	20250314-T-01	2503-034	플랜트	2025-03-14	2025-03-28	세보엠이씨	21
6	20250325-T-01	KP2503-032	플랜트	2025-03-25	2025-04-10	삼탑엔지니어링	14
7	20250327-T-01	2503-034	플랜트	2025-03-27	2025-04-05	TEST	87
8	20250327-T-02	2503-034A	플랜트	2025-03-27	2025-04-05	TEST-2	87
9	20250327-T-03	2004-036H	플랜트	2025-03-27	2025-04-05	동성테스트	19

Generate Plan View Past Plan Change Settings

The top-left table displays your **current orders**.

- **Generate Plan:** This creates a cutting plan for the currently selected order. This process will take longer with a higher number of assigned items and generated groups.
- **View Past Plan:** You can view previously created cutting plans here.
- **Change Settings:** This allows you to modify the options for generating cutting plans.

The screenshot displays the Cutting Planning System interface. The top-left section, titled 'Task List', contains a table of orders. The top-right section, titled 'Planning Details', shows a table of planning items. The bottom section, titled 'Cutting-Plan Results: Grouped Materials', displays a table of grouped materials. A 'Change Settings' dialog box is open in the center, allowing users to modify settings for the cutting plan.

Task List

Task Number	Order Number	Category	Order Date	Delivery Date
9	20250327-T-03	2004-036H	2025-03-27	2025-04-03
10	20250410-T-01	2504-001	2025-04-10	2025-04-13
11	20250410-T-02	2504-002	2025-04-10	2025-04-13
12	20250410-T-03	2504-003	2025-04-10	2025-04-13
13	20250410-T-04	2504-004	2025-04-10	2025-04-13
14	20250415-T-01	A2009-357	2025-04-15	2025-04-18
15	20250416-T-01	A2009-358	2025-04-16	2025-05-11
16	20250422-T-01	2504-005	2025-04-22	2025-05-11
17	20250430-T-01	2505-001	2025-04-30	2025-05-11

Planning Details

	Group Number	Even Percentage(%)	Item Name	Spec ID	Compression Setting	Base Length	+L Adjustment	-L Adjustment
1	G-20250410-02-001	63.6	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
2	G-20250410-02-002	64.3	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
3	G-20250410-02-003	70.9	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
4	G-20250410-02-004	71.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
5	G-20250410-02-005	76.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
6	G-20250410-02-006	81.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
7	G-20250410-02-007	84.1	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3

Cutting-Plan Results: Grouped Materials

	Group Number	Total Quantity	BB Loss Rate(%)	CB Loss Rate(%)	Spec ID	BB Loss(Kg)	CB Code	CB Usage(Kg)	CB Loss(Kg)	
1	G-20250410-02-001	27	8.2	0.6	SE0320	15.7	SQ0060060-1040	1467.1	9.1	
2	G-20250410-02-002	31	7.7	0.9	SE0320	17	SQ0060060-1040	1691.6	15.6	
3	G-20250410-02-003	14	12.2	0.7	SE0320	11.7	SQ0060060-1040	733.7	5.1	
4	G-20250410-02-004	14	16.9	0.7	SE0320	15.6	SQ0060060-1040	704.5	4.8	
5	G-20250410-02-005	11	10.6	0.2	SE0320	8.1	SQ0060060-1040	586.8	1.2	
6	G-20250410-02-006	12	4.4	0.3	SE0320	3.9	SQ0060060-1040	674.2	1.8	
7	G-20250410-02-007	21	5.5	0.2	SE0320050-4100	153.1	8.4	SQ0060060-1040	1172.9	1.8
TOTAL		130	65.50	3.60		919.30	80.40	7030.80	38.40	

Change Settings

2-Optimized

+L Adjustment: 3

-L Adjustment: -3

+W Adjustment: 3

-W Adjustment: -3

Default Loss (baseLength): 50

Save

View Item Placement (Work Order Form) View Details

Planning Details

	Group Number	Even Percentage(%)	Item Name	Spec ID	Compression Setting	Base Length	+L Adjustment	-L Adjust
1	G-20250410-02-001	63.6	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
2	G-20250410-02-002	64.3	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
3	G-20250410-02-003	70.9	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
4	G-20250410-02-004	71.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
5	G-20250410-02-005	86.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
6	G-20250410-02-006	91.7	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3
7	G-20250410-02-007	94.1	Steel Grating	MS-SE0320050-004	2-Optimized	50	3	-3

Change Spec ID

The top-right table allows you to **change the Spec ID by group**. This enables you to compare with **Past Plans** to see which Spec ID results in less material loss.

Task List

	Task Number	Order Number	Category	Order Date	Delivery Date
25	20250528-T-01	2505-028	물류	2025-05-28	2025-06-2
26	20250528-T-02	2505-097TEST	물류	2025-05-28	2025-06-1
27	20250528-T-03	2505-0097	물류	2025-05-28	2025-06-2
28	20250529-T-01	2505-039	물류	2025-05-29	2025-06-4
29	20250529-T-02	2505-040 MPI	물류	2025-05-29	2025-06-4
30	20250604-T-01	2506-004	물류	2025-06-04	2025-07-1
31	20250605-T-01	2506-005	물류	2025-06-05	2025-06-2
32	20250609-T-01	2506-010	물류	2025-06-09	2025-07-2
33	20250609-T-02	2506-011	물류	2025-06-09	2025-07-2

Generate Plan View Past Plan Change Settings

Planning Details

	Group Number	Even Percentage(%)	Item Name	Spec ID	Compression Setting	Base Length	+L Adjustment	-L Adjust
1	G-20250609-00-001	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3
2	G-20250609-00-002	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3
3	G-20250609-00-003	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3
4	G-20250609-00-004	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3
5	G-20250609-00-005	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3
6	G-20250609-00-006	0	Steel Grating	MS-IO32005030-001	2-Optimized	50	3	-3

Change Spec ID

Select Spec ID

MS-SE0320050-004

Cancel Save

Cutting-Plan Results: Grouped Materials

	Group Number	Total Quantity	BB Loss Rate(%)	CB Loss Rate(%)	BB	BB Loss(Kg)	CB Code	CB Usage(Kg)	CB Loss(Kg)
데이터가 없습니다									

View Item Placement (Work Order Form) View Details

The **Spec IDs** you can select here must share the same **BB code** and **CB code**, but can have different lengths.

Cutting-Plan Results: Grouped Materials

	Group Number	Total Quantity	BB Loss Rate(%)	CB Loss Rate(%)	BB Code	BB Usage(Kg)	BB Loss(Kg)	CB Code	CB Usage(Kg)	CB Loss(Kg)
1	G-20250609-00-001	3	21.4	7.9	I032005030-6100	14.5	3.1	SQ0060060-1040	42	3.3
2	G-20250609-00-002	4	37.2	7.8	I032005030-6100	17.2	6.4	SQ0060060-1040	49.7	3.9
3	G-20250609-00-003	4	37.2	7.8	I032005030-6100	17.2	6.4	SQ0060060-1040	49.7	3.9
4	G-20250609-00-004	4	37.2	7.8	I032005030-6100	17.2	6.4	SQ0060060-1040	49.7	3.9
5	G-20250609-00-005	4	37.2	7.8	I032005030-6100	17.2	6.4	SQ0060060-1040	49.7	3.9
6	G-20250609-00-006	3	11.3	7.8	I032005030-6100	15.9	1.8	SQ0060060-1040	45.9	3.6
	TOTAL	22	181.50	46.90		99.20	30.50		286.70	22.50

View Item Placement (Work Order Form) View Details

The bottom table displays the **generated cutting plan**. When you click on a group, two buttons will become active:

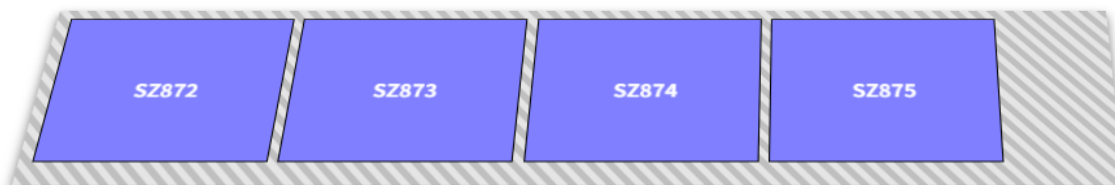
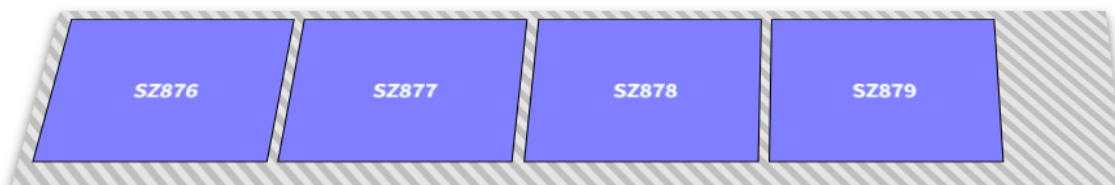
- **View Item Placement (Work Order Form):** This opens the work order form for the selected group in a new window.

print

Cutting-Plan Details - Item Placement List (Group Number: G-20250609-00-001)
 Compression Setting: 2 Total Weight: 506.4 Tolerance(+L: 3 -L: -3 +W: 3 -W: -3)
 BB: I32*5*3 length: 6100 BP: 30 CB: SQ6*6 CP: 100 EB: F32*5

	Plate ID	Plate Qty.	L-Cut No.	Order ID	Customer	Dwg No. / Item Name	Item No.	Width	Length	LEP	REP	L-Cut Qty.	Item Qty.
1	P001	1	1	2506-010	동성중공업		1	SZ872	995	1330	65	65	1
2			2				1	SZ873	995	1330	65	65	1
3			3				1	SZ874	995	1330	65	65	1
4			4				1	SZ875	995	1330	65	65	1
5			Loss						610				
6	P002	1	1	2506-010	동성중공업		1	SZ876	995	1330	65	65	1
7			2				1	SZ877	995	1330	65	65	1
8			3				1	SZ878	995	1330	65	65	1
9			4				1	SZ879	995	1330	65	65	1
10			Loss						610				
11	P003	1	1	2506-010	동성중공업		1	SZ880	995	1330	65	65	1
12			2				1	SZ871	845	1330	65	65	1
13			3				1	SZ870	425	1330	65	65	1
14			Loss						1990				
	TOTAL	Plates	L-Cuts	CrossBars	Items								
		3	11	143	11								

- **View Details:** This allows you to view the layout of the selected group in 3D.

Plate No.: P001**Plate No.: P002****Plate No.: P003**