

Starting out

Create new job

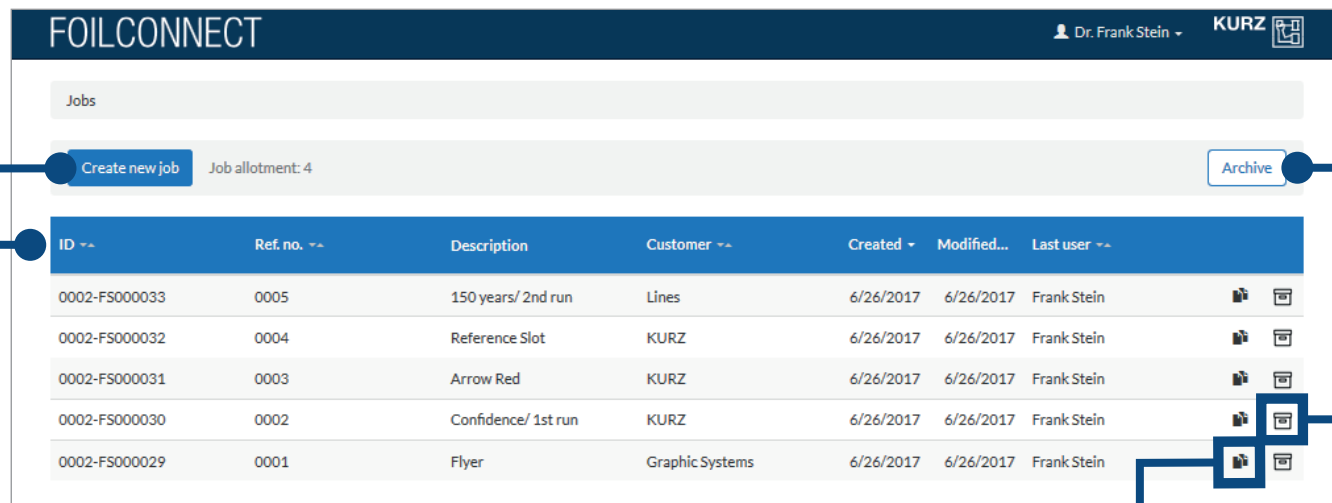
This button creates a new job, starting a new calculation of your foil usage. To actually start a job you need a pdf file with the stamping-areas, which are used for the calculation.

The button starts a completely **new calculation** of your foil usage. Next to the button you see how many calculations you have left on your account, before you need to buy a new package.

Account

By clicking here you access your account. You can change the language and contact the **FOILCONNECT®** support by using the menu. You can also re-read the legal documents regarding your FOILCONNECT® license.

Administrators can access the **administrative settings** in the menu. Admins can create new user, machines or foils. These can be used by your lower access users to calculate the jobs.



The screenshot shows the FOILCONNECT web interface. At the top, there is a header with the user name 'Dr. Frank Stein' and the KURZ logo. Below the header, there is a 'Jobs' section with a 'Create new job' button and a 'Job allotment: 4' indicator. A table lists several jobs with columns for ID, Ref. no., Description, Customer, Created, Modified, and Last user. At the bottom right of the table, there are icons for 'Archive' and 'Copy job'.

ID	Ref. no.	Description	Customer	Created	Modified...	Last user
0002-FS000033	0005	150 years/ 2nd run	Lines	6/26/2017	6/26/2017	Frank Stein
0002-FS000032	0004	Reference Slot	KURZ	6/26/2017	6/26/2017	Frank Stein
0002-FS000031	0003	Arrow Red	KURZ	6/26/2017	6/26/2017	Frank Stein
0002-FS000030	0002	Confidence/ 1st run	KURZ	6/26/2017	6/26/2017	Frank Stein
0002-FS000029	0001	Flyer	Graphic Systems	6/26/2017	6/26/2017	Frank Stein

Archive

This button activates the list of archived jobs. By deselecting this button you return to the job list.

Sending a job to the archive

This button sends a job to the archive. If you need an archived job back on the job list, you can send it back any time.

Copy job

This button copies the job, essentially creating a new job with the same pdf. This is useful if you want to compare results based on varying setups.

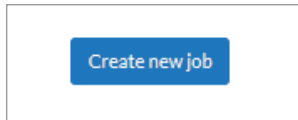
Legend

This table legend shows the main information of your job, including those you define yourself.

The **ID** is a number generated by the **FOILCONNECT®** software. It is created by using your customer number and an ongoing number dependent on the User.

With the buttons ▲ and ▼ you can sort the list of jobs any way you want, including by the last user who edited a certain job.

Creating a new Job



To start a new job use the button **Create new job** above the job list at the top. Before you create the job make sure you have set up your presses, suppliers and foils properly.

This opens a new window which leads to the **General** screen, the first of three screens you will navigate through during your calculation, each representing a step in the process. With the button **Back** or **Cancel** you can go back to the last screen, or cancel the calculation and go back to the jobs screen.

You can see which step you're at in the navigation at the top.



Now you're presented with fields to fill with the data of your job.

General data

Ref. No.	<input style="width: 80%;" type="text"/>
Description	<input style="width: 80%;" type="text"/> ★
Customer	<input style="width: 80%;" type="text"/>

In **General data** you are free to enter anything you want. The Ref. No. e.g. could be any internal number of your company. You might want to enter data relating to your job or customer. The customer and description fields are freely usable as well.

Files

Please upload a valid pdf file Durchsuchen... Keine Datei ausgewählt.

KURZ

KURZ

KURZ

KURZ

KURZ

KURZ

KURZ

KURZ

KURZ

Width 420 mm

Height 297 mm

Below the general data field you can upload your pdf file. The ideal pdf to use **FOILCONNECT®** would be a pdf showing only the stamping areas. By using the **Search** or **Upload** button you choose the pdf from your hard drive. After uploading the pdf you can see the dimensions of your pdf.

Technical data

Press	<input style="width: 70%;" type="text" value="Gietz FC 1060"/> ★
Number of sheets	<input style="width: 70%;" type="text" value="50000"/>
Gap	<input style="width: 70%;" type="text" value="3"/> ★ mm

The last box is called **Technical data**. Through this box you choose your hot foil stamping press from a list your admin has prepared for you. If this has not been done, please refer to the Admin section of this guide to set up the **Presses** accordingly.

After choosing a press from the drop-down menu the software automatically uses the standard gap of your press. You have the option to overwrite the gap for this specific job, without erasing your stock settings in the press. By default the software chooses the minimum gap. If your job requires a bigger gap from start, change it manually here.

Furthermore you are required to enter the number of sheets of your job. The number of sheets directly influences the resulting foil usage, so choose carefully.

After you have finished entering the required information, click on the **Save** button in the bottom right corner. If any of the entered data seems incorrect, the software will tell you at this point in the process.

Changing the mode 1

These buttons are used to change the usage mode on the screen. There is only one mode active at a time. Depending on the active mode you can use different tools to work on your pdf.

If you activate the pencil you can choose your foil areas. You choose an area by keeping your left mouse button pressed on the sheet inside the window and drawing a box around the motif.

By using the mode activated by pressing on the cross, you can zoom in and out, grab and hold the sheet to navigate and select specific foil areas for use with the buttons.

- Undo** the last step
- Redo** the last step
- Merge** two foil areas
- Minimize** selected foil area
- Delete** selected foil area(s)
- Auto-detect** foil areas
- Search sheet for identical areas** to the one selected
- Select all** areas on the sheet
- Filter** Colors on the sheet
- Delete all** foil areas previously selected

Rotate 2

With this button you are able to rotate the sheet. By rotating the sheet, you also switch from the vertical to the horizontal drive axis.

Zoom 3

The number here shows your zoom factor. Using the + and - buttons you can zoom in and out.

Alternatively you can use your mouse-wheel for zooming in and out.

Sheet

This is the sheet. Here you use the tools of **FOILCONNECT®** to select your foil areas.

In the bottom left corner you can find the coordinates of your mouse cursor on the sheet.

In the bottom right corner you can check the dimensions of your pdf.

The screenshot shows the software interface with a central sheet containing nine 'KURZ' logos. A toolbar at the top includes buttons for zooming, rotating, and selecting. A table on the right lists the dimensions of the foil areas. A status bar at the bottom shows the current mouse coordinates and sheet dimensions.

	X	Y	Width	Height		
1	20 mm	35 mm	45 mm	16 mm		
2	20 mm	150 mm	45 mm	16 mm		
3	20 mm	256 mm	45 mm	16 mm		
4	183 mm	35 mm	45 mm	16 mm		
5	183 mm	150 mm	45 mm	16 mm		
6	183 mm	256 mm	45 mm	16 mm		
7	347 mm	35 mm	45 mm	16 mm		
8	347 mm	150 mm	45 mm	16 mm		
9	347 mm	256 mm	45 mm	16 mm		

Sheet size: Width:420 mm Height:297 mm

Description:

This is the second step of your calculation. On this screen you define the foil areas on your sheet and prepare the sheet for the actual foil usage calculation.

FOILCONNECT® offers a variety of different tools for the job.

TIP:

Performance of the tools is dependent on the preparation of the pdf. The best solution is to separate your stamped/foiled areas on your sheet, so the sheet only shows these areas.

Foil areas

This list shows the foil areas you defined on the sheet. Every area is shown with its dimensions and coordinates.

With the buttons to the right of the different foil areas you can manually edit each parameter.

Job specific data 1

This area shows you the data that was collected from your machine. You can change some of these parameters to better reflect the current pull and advances.

The changes you make here will not be saved, they will just be used for this single job. Simply change the numerical values by clicking inside the box and typing the new value. **FOILCONNECT®** will show your changes immediately.

You can also deactivate the contour mapping algorithm as a possible solution to a problem you might have.

Pull modes 2

This area shows the calculated foil usage on your drives. These will be calculated for both a constant and variable pull. By clicking the desired button you activate the respective mode. This also means you simulate only the selected mode per drive.

The resulting lengths for both modes are shown here, therefore **FOILCONNECT®** enables you to see at one glance which mode is preferable for your process. The complexity of the pull variations is dependent on your press parameters.

FOILCONNECT® decides which foil reel is supposed to go on which drive by comparing the foil usage, always choosing the most economic foil consumption.

Merging and splitting foil reels 3

These buttons enable you to merge any number of foil reels to a single reel, or split them if you are not happy with your decision. You are also able to reset everything back to default.

Foil reels 5

This area shows the pdf with the overlapping foil reels **FOILCONNECT®** calculated. **FOILCONNECT®** will always try to calculate the lowest foil consumption, therefore foil reels are always as small as possible.

Drive configuration 6

In this area you can select your reels and put them on the different drives of your press. By clicking on a reel and holding the left mouse button you can drag and drop a reel from one drive to another.

How many drives you have at your disposal is dependent on your press parameters.

The screenshot displays the software interface with several key sections:

- Job specific data:** Number of sheets: 50,000; Tolerance (left): 5 mm; Tolerance (right): 5 mm; Stamp gap: 5 mm; Use contour mapping.
- Pull modes:** A table showing Constant and Variable pull modes with their respective lengths, gaps, and advances.
- Foil Reels:** A table listing Reel (Drive), Width, Length, Area, and Foil type (LUXOR MTS 220).
- Simulation:** A visual representation of three foil reels (1, 2, 3) on three drives (1, 2, 3).
- Drive configuration:** A diagram showing three drives (1, 2, 3) and how reels are assigned to them.

Drive	Pull	Length	Gap	Advance
1	Constant	4,070 m	5 mm	81 mm x 1
	Variable	3,280 m	5 mm	21 mm x 4 242 mm x 1

Reel (Drive)	Width	Length	Area	Foil type
1 (1)	60 mm	3,280 m	197 m ²	LUXOR MTS 220
2 (1)	60 mm	3,280 m	197 m ²	LUXOR MTS 220
3 (1)	60 mm	3,280 m	197 m ²	LUXOR MTS 220

Total area of all reels: 591 m²

Use same foil type for all reels

Simulation 4

These buttons simulate your stamping process by showing you each stroke, beginning for the first.

Description:

On this screen you see the result of the calculation, based on your preparation in previous steps of **FOILCONNECT®**. The software enables you to change the configuration to your liking, based on your preset parameters.

TIP:

*Every change you make here will result in changes to your order suggestion and your production sheet. **Take your time and check the results.***

Foil selection

You can choose your desired foil qualities from a prepared database and assign them to the specific reels. **FOILCONNECT®** also shows you the width, length and the foil consumption of each reel.

Extra functions

Job Overview 1

Here you can see the different steps you went through during the calculation.

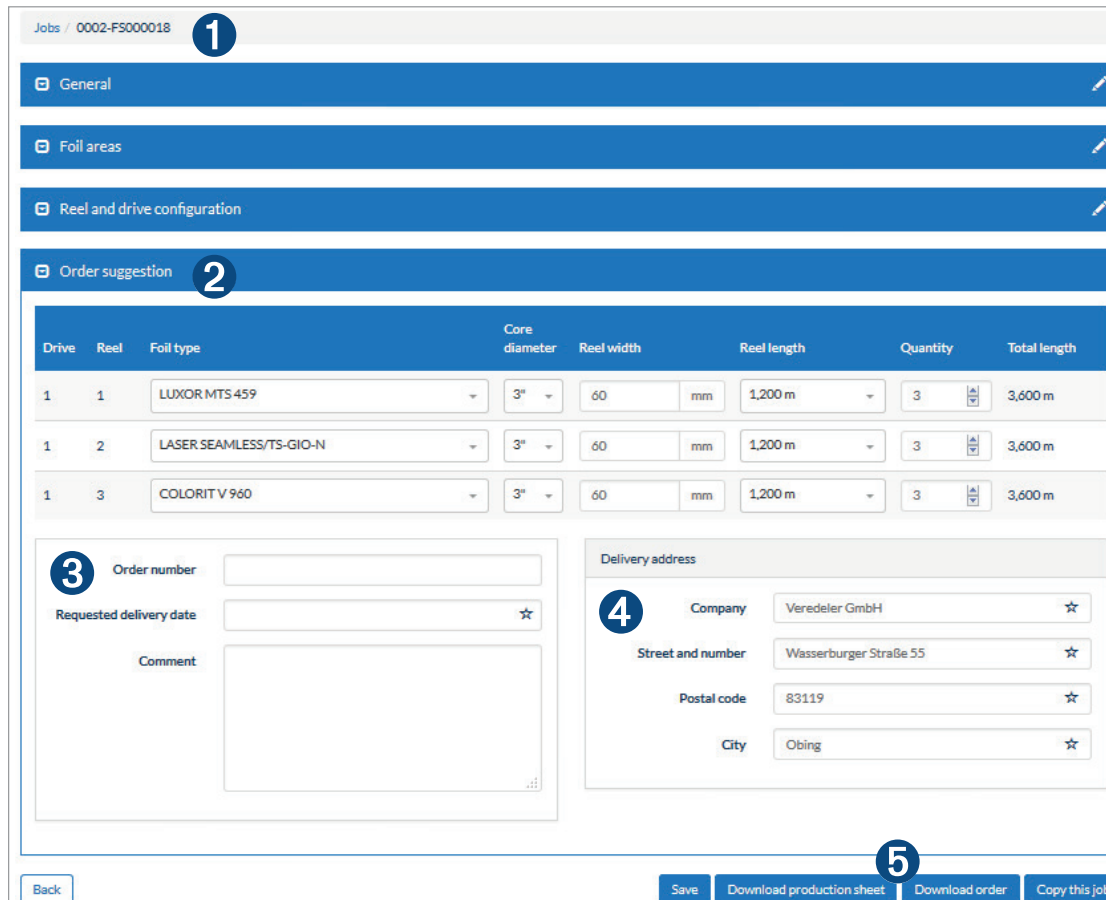
With a click on the arrow to the left of the bar you can show a compact version of each step for a review. This allows you to check the calculation without jumping into the different steps again.

With a click on the pencil on the right of each bar you can reach and edit each step in the calculation process.

Description:

This is an additional step, which is **not part of the actual calculation**. Here you can access the different steps of your calculation, edit them and download two pdfs, one for your operators to set up your press and another one to order your foil at KURZ. In addition to that, you can copy the job to make another calculation without having to do everything from the ground up.

TIP: The two pdfs should help you with setting up your press or ordering foil at our company. Just send them to your operators or your contact at KURZ. **But be aware that these are just suggestions!**



Jobs / 0002-FS000018

1

General

Foil areas

Reel and drive configuration

Order suggestion 2

Drive	Reel	Foil type	Core diameter	Reel width	Reel length	Quantity	Total length
1	1	LUXOR MTS 459	3"	60 mm	1,200 m	3	3,600 m
1	2	LASER.SEAMLESS/TS-GIO-N	3"	60 mm	1,200 m	3	3,600 m
1	3	COLORIT V 960	3"	60 mm	1,200 m	3	3,600 m

3 Order number

Requested delivery date

Comment

4 Delivery address

Company: Veredeler GmbH

Street and number: Wasserburger Straße 55

Postal code: 83119

City: Obing

5

Back Save Download production sheet Download order Copy this job

Order suggestion 2

Here you can see the suggested order you could place at your supplier. The order is set up to always prefer the lowest foil consumption possible, and will create an order from that.

You can edit the order to your liking. Please be aware that any change you make here will influence the order sheet you download on the bottom of the page.

This is only a **suggestion**, please check the results. You can send the order suggestion to KURZ, but **you are responsible** for the content of the submitted order.

Order data 3

Here you can write down your internal order number, a comment and set a delivery date you desire.

The data you enter here will become visible on the order sheet you download.

Delivery address 4

Here you can see your delivery address.

The fields will be filled automatically. Please check them accordingly.

You can change the delivery address for one specific job at this point. It won't overwrite the address saved in your account.

Pdf download 5

If you are happy with the calculation results you can save them here. After that you have the possibility to download the order sheet and the production sheet at any time. You can also copy the job by pressing the button in the bottom right corner.