USER GUIDE

PreventiPiraz 3D

From models to quotes, with costs under control.

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Official user guide

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Find what you need

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A simple route through the guide

Start with settings and catalogues when preparing the program. For everyday work, see chapters 04–08; website requests and team working each have a dedicated chapter.

01 | Where do we start?

PreventiPiraz 3D makes preparing quotes easier, especially when you have many parts to analyze. Upload your models, choose how to print them, and the program helps you bring together printing times, material usage, costs and selling prices. The result is a quote you can check and send to your customer as a PDF.

You no longer need to copy every figure from your slicer into a spreadsheet by hand. One thing still matters: the results depend on the parameters you enter. If the spool price or printer power consumption is wrong, even a correct calculation starts from the wrong information.

Your first launch

On first launch, a **guided tutorial** opens. You can also restart it from Settings. It takes you through four tasks:

- Enter your user or company details.
- Import profiles.
- Create a customer.
- Analyze your first model.

For normal slicer-based calculations, you need at least one compatible printer, material and print profile. Importing embedded 3MF data follows a separate workflow, explained in chapter 05.

1. Enter your details and check the tax regime.
2. Configure the slicer you want to use.
3. Import a printer, material and print profile; pay particular attention to their costs.
4. Create a customer and open a new quote.
5. Upload a simple model, analyze it and check the summary before exporting.

Finding your way around

The sidebar brings together the main areas. You can collapse it when you need more space.

Area	What you will find
Dashboard / Reports	A summary and analysis of your results.
Quotes	Entry, Saved quotes, Website requests and Production.
Customers, Materials, Printers and Print profiles	The catalogs you use for your work.

Open **Quotes** to find Entry, Saved quotes, Website requests and Production. **Create new quote** starts an empty quote when you are on another screen. If the quote is already open, clicking the button again leaves the details you are entering intact.

Settings opens the configuration page. The arrow beside it shows shortcuts to Slicer, Shared workspace, Label printers, Website connection, Email, Extra services, Discount tables, Company or user settings, Courier tariffs, Payment methods and License.

Note: this translation uses the English interface labels for menu paths and commands. Screenshots retain the original Italian interface. If a feature depends on your active plan, also check the License page.

Search without typing everything

You can enter just part of a name in a search field. This works for customers, materials, quotes and other lists: you do not always need to remember the full name.

In the quote archive, you can also search by order number, company or notes. If a list looks empty, first check the search text and any active filters.

02 | Get your settings ready

Your details and your company

You can use the program as an individual or as a business. Enter the details that apply to your activity: they will appear in exported documents. You do not need a VAT number to start using the quote calculator.

In your profile, you can set:

Setting	What it does
Logo	Appears in documents and in the quote area. Use a clean, readable image, such as a PNG or JPG.
Display currency	Chooses the currency shown in the interface and PDFs.
Quote numbering	Customizes the prefix and starting number.

The selected currency appears in the interface and PDFs. Changing the symbol does not automatically convert every price using an exchange rate: check the amounts you enter.

Tax regime

The program offers options for the ordinary tax regime, the Italian flat-rate regime (forfettario) and occasional services (prestazione occasionale). Check the rate and wording before issuing documents. Customizable notes let you adapt the text to your circumstances.

For occasional services, a receipt is available, together with withholding tax when required. The appropriate document depends on the transaction and its recipient: check the choice you make in the program against your situation.

The External billing section lets you configure a supported billing system and verify its API key. The Fattura24 connection is explained in chapter 07.

Your slicer and its profiles

PreventiPiraz uses the configured slicer to process models.

1. Open **Slicer settings** and check which slicer is active.
2. Check that its executable can be accessed.
3. If it cannot be found, check the installation before calculating a quote.

For Bambu Studio and Orca Slicer, the program can read both user and built-in profiles. Supported PrusaSlicer versions or workflows have their own requirements: always use profiles that are compatible with the active slicer and the feature you are using.

Option	When to use it
Custom executable path	For portable installations or folders that are not detected automatically. Select the correct executable.
Bambu Studio Beta	Looks for Beta version profiles when that is the version you use.
Show only user profiles	Limits the search to custom profiles. Turn it off to find built-in profiles too.
Concurrent slicer workers	Controls how many calculations run at once. Lower the value if your PC struggles; increasing it does not automatically make every model faster.
STEP to STL conversion quality	A finer conversion represents surfaces more closely but takes more work. Low quality may slightly change the result compared with slicing the original STEP file.

> Caution: having a profile in your catalog does not mean you can use it with any slicer. The source badge helps you identify it; choose a compatible combination in the quote.

If a profile needs restoring, the program can no longer find a required resource. Restore it using the suggested command and check the combination again before continuing. Do not manually delete profile files from the data folder.

Licensing: FREE, LITE and PRO

Open **Settings > License** on the computer where you will use the program. The license is tied to that workstation. The **FREE** plan remains available while you complete the process.

What do you want to do?	Where to start
Try PRO for 7 days	**Start 7-day PRO trial**, when available.
Activate a license you have already purchased	**I already bought LITE or PRO**.
Purchase or renew	**Discover LITE and PRO**, or **Renew license** when offered for an expired annual license.

Free 7-day PRO trial

1. Click **Start 7-day PRO trial**. If you start from the initial invitation, the command is **Try PRO free for 7 days**.
2. Enter your **First name** and **Last name** in the form.
3. Click **Export PRO trial request** and choose where to save the JSON file in the dialog.
4. Click **Continue** in the confirmation message to open the activation portal.
5. In the portal, enter your **Name** and **Email**, upload the request under **File generated by the software** and click **Submit**.
6. Wait for the license file to arrive at the email address you provided. Return to the program and import it as explained below.

The trial is available once per PC. Exporting the request again does not start another trial. After importing the license, check its actual expiry date on the **License** page.

Activate a purchased LITE or PRO license

1. Click **I already bought LITE or PRO**.
2. Enter your **First name** and **Last name**.
3. Click **Export purchased-license request** and choose where to save the JSON file.
4. Click **Continue** in the confirmation message to open the portal.
5. In the portal, enter your **Name** and **Email**. The form also includes **Order number** for your purchase reference; upload the request under **File generated by the software** and click **Submit**.
6. Wait for the license file by email and import it on the same computer where you created the request.

The program opens the portal, but you must upload the request on the website yourself. Exporting the request alone does not activate the license.

Purchase or renew a license

1. If you have not purchased a license yet, click **Discover LITE and PRO**. For an expired annual license, use **Renew license** when it appears.
2. The Help3D purchase page opens. Choose **Version** and **Duration**, click **Add to cart**, and complete the purchase or renewal by following the website's instructions.
3. For a first purchase, then use **I already bought LITE or PRO**. For a renewal, follow the instructions you receive from the website: when an annual license has expired, its activation button may be replaced by **Renew license**.
4. When you receive the new license file, import it into the app and check the plan and expiry date. If you are asked for a request file for a renewal but cannot export it, contact **info@help3d.it** to complete the process.

Import the file you received and verify the license

1. Connect to the Internet for **license verification**.
2. In **Settings > License**, click **Import received license file** in the waiting panel. If that panel is not visible, use **Import license file**.
3. Select the JSON license file you received. The program attempts to complete online activation automatically.
4. If the status remains **Activation required**, click **Complete online activation**. Check that the license shows **Valid**, with the expected plan and expiry date.

The request file and the license file are different. You export the request from the app and upload it to the portal; the file you receive after issuance is the one to import to activate the license.

After activation, you can work offline under the applicable conditions. If the program asks for another online check, complete it before using paid features.

If you have already exported a request

- The **Waiting for the license file** panel reminds you to complete the process on the portal and import the file you receive.
- If you have lost the request, use **Lost the request file? Export it again**. You do not need to start another trial procedure.
- You can continue in FREE while you wait. If you request a purchased license during a still-valid PRO trial, the trial remains active until its own expiry date.

If the plan returns to FREE

- If the license is not active, valid and synchronized, FREE features remain available.
- Saved data does not disappear: it remains viewable and editable under the applicable rules.
- Creating new entries depends on the current plan's limits. If you are above a limit, get back within it before creating more entries.

Note: importing the license file again does not necessarily resolve every warning. Read the stated reason, check your connection if requested, and contact support if the problem continues.

03 | Prepare your catalogs

Materials: what does a spool really cost?

1. Click **New material** to import a filament profile from the slicer.
2. Search for the profile by entering all or part of its name.
3. If you cannot find a custom profile, check the active slicer and the user-profile filter again.

Before using the material, check:

- **Name:** make it clear and unique; you will see it again in the quote and PDF.
- **Density:** read from the profile as a reference.
- **Price:** it may be filled in from the profile, but always check it. Enter it if it is missing.

Field	Effect on your work
Markup %	Material-specific markup: overrides the global value, but can itself be overridden by the individual line.
Failure Rate %	Allows for the risk of failed prints. Use your experience: PLA and sensitive engineering materials may need different values.
Material-specific power consumption	Overrides the printer's power consumption for this material. A heated chamber can cost more to run than printing PLA.
Product or color code	Identifies the material and appears in the relevant documents.
Material color	Makes it easier to choose a filament in the quote.
Stock threshold and purchase link	Help you recognize when to reorder and open the product page.

Bulk import lets you add several profiles together. Check the individual values afterward: importing in bulk does not replace checking prices.

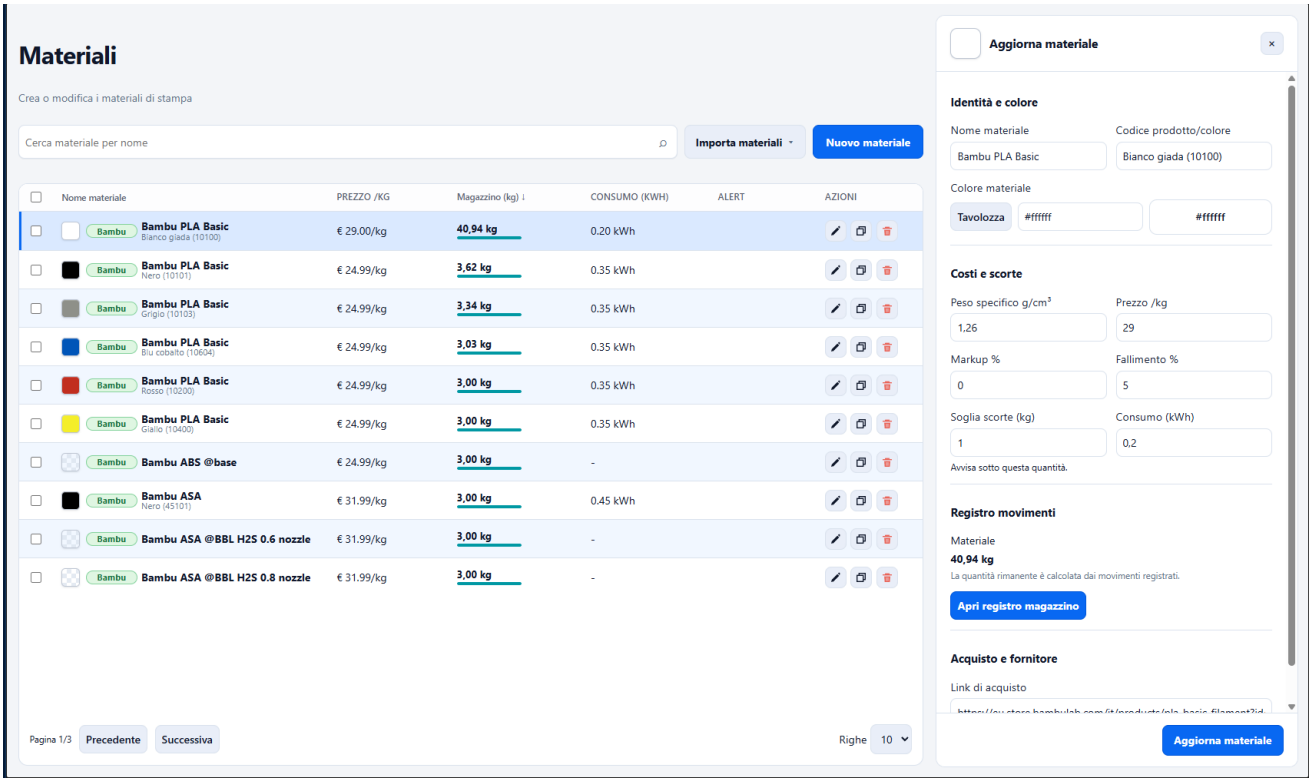


Figure 3.1 · Materials catalog. Names and colors help distinguish filaments; check the financial values after importing. Original Italian interface.

Inventory and bulk editing

The movement ledger tracks additions, usage and adjustments. You can filter by period, material and quote to trace a particular movement. Enter a reason for a manual movement too: in a few months, it will help you understand why that value changed.

Select several materials to use bulk editing. For stock, choose the correct operation:

Operation	Result
Add material	Increases existing stock.
Set remaining material	Sets stock to the amount you actually have. Use it to reconcile the figure after weighing your spools.

Automatic usage depends on how you manage the order. Without a production order, it comes from completing the quote; with production, it follows recorded progress and scrap. Chapter 08 explains the difference.

Printers and depreciation

1. Click **New printer** and choose a machine profile from the slicer.
2. Give it a unique name.
3. Check the costs: average machine power consumption and the energy price are separate figures. Check how much power the printer uses and how much you pay for energy.

A material-specific power consumption value, if set, can take priority over the printer's value.

Depreciation in euros per hour represents part of the cost of using the machine. Consider the purchase, loss of value, maintenance and spare parts: what does it cost you to run that printer for a given number of hours?

Filament loading and unloading time is useful for multicolor calculations. It is read from the profile when available and can be adapted to your system.

Dynamic depreciation

To track recovery of the machine's cost, enter:

- Purchase cost and expected resale value.
- Operating hours, depreciation period in years and hours already printed.
- Expected annual maintenance and spare parts.

The program distinguishes recovery of the printer's cost from operating costs. A machine that has already paid for itself still needs maintenance and spare parts: it does not suddenly become free to use. Review the figures and the remaining amount shown periodically.

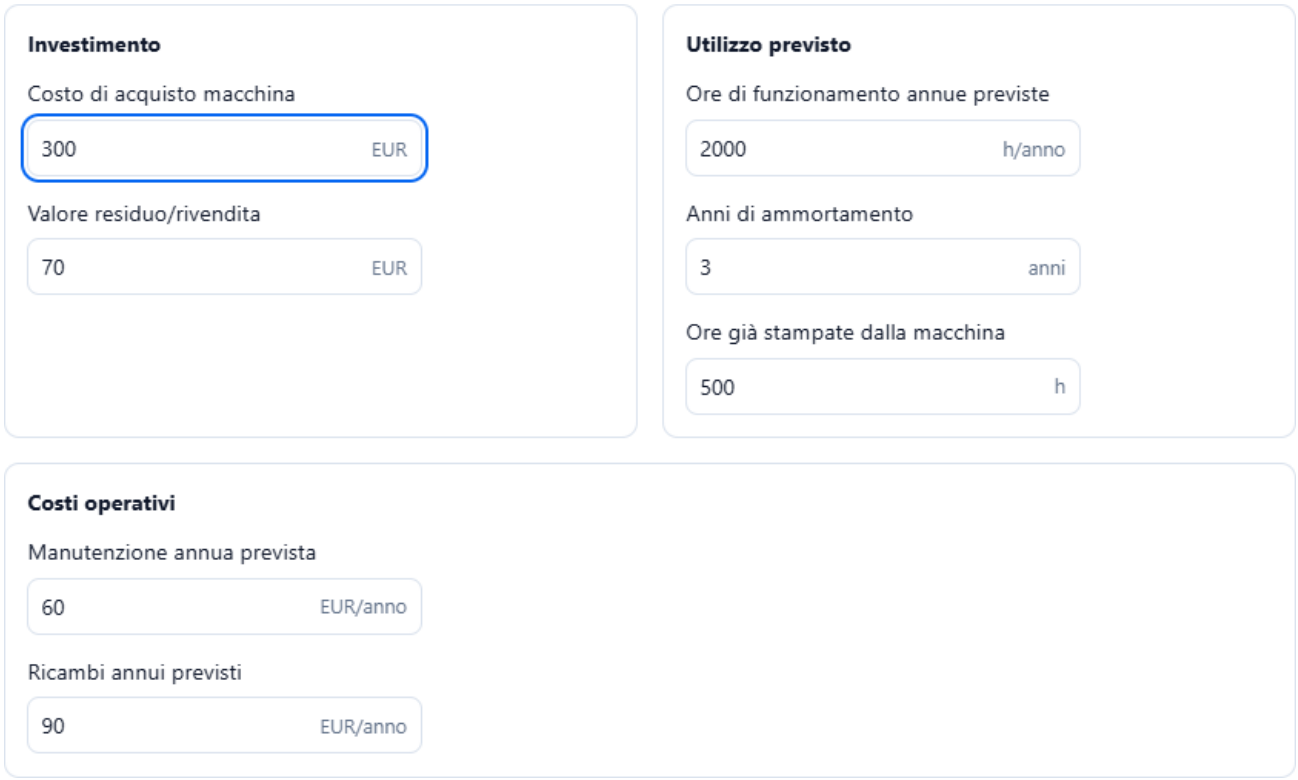


Figure 3.2 · Dynamic depreciation: purchase details, expected use and operating costs contribute to the printer's cost. Original Italian interface.

Print profiles and supports

1. Click **New print profile** to import a process profile.
2. Check the layer height, walls, infill, and top and bottom layers read by the program.
3. Keep the values or change them for quote calculations: even a few parameters affect the result.

For supports, you can import a profile that already enables them or turn on the options available in the calculator. The simplified options include tree and normal snug supports; for specific density, angle or geometry settings, prepare a dedicated profile in the slicer.

You can choose the support material or just the interface material on the line when the workflow allows it. Import modes do not all allow the same changes: projects using 3MF data retain their own technical settings.

The other catalogs

Catalog	What you configure
Extra services	Processing, packaging or other order items. The name appears in the PDF; the default amount and charging options affect the result. Examples are in chapter 06.
Discount tables	Quantity tiers for each individual line. Assign a table to the quote or set one for a customer: changing quantities updates the discounts.
Courier tariffs	Name, service and amount to charge. The name and service appear in the document to identify the shipment.
Payment methods	Name and description in the PDF, such as bank transfer details. For PayPal, you can configure your paypal.me username for the link offered in the document.

Duplicate, edit and export

Use the available catalog actions to edit or delete an entry; materials, printers and profiles can also be duplicated. Multiple selection enables the bulk operations supported by each list. Check your selection before deleting.

1. Use **Export/Import** in the catalog to save or restore data in the program's supported format.
2. Choose the file or destination in the dialog.

> Caution: restoring a materials or printers catalog is different from importing a profile from the slicer. Do not load a 3MF file into a catalog restore command.

To move the complete configuration, including quotes and models, use the full backup in Settings instead. Details are in chapter 11.

04 | Your first quote

This is where you will spend much of your time. The idea is simple: choose the customer, upload the models, check how they will be produced, and review the order's costs. Then decide what price to offer.

Header details and saving

1. Open **Create new quote**.
2. Check the number suggested by your numbering settings. You can change it, keeping an orderly sequence so you can find it again.
3. Assign the customer and check the header details.

> If you are already in the quote, clicking the sidebar button again preserves your current work, even if it is still empty. To start another quote, open **Quotes > Saved quotes** and use **Create new quote**.

Assign a customer before relying on autosave. Select an existing customer, or create one through the suggested workflow. In the Customers catalog, the company name identifies the business; first and last names remain useful for the contact and documents.

Before continuing, check:

Detail	What to check
Payment method and order status	That they match your agreement with the customer.
Deposit	Can be a percentage or a fixed amount.
Delivery date	Appears in the quote and work order, but not in the receipt.

> Note: you can assign a default discount table to a customer. When creating a new quote for that customer, check that the suggested table is the one you want.

Upload, calculate and check

1. Use **Upload 3D models** and select the files.
2. Check each file's import mode and any plates.
3. Choose or map the materials, printer and settings required by the workflow.
4. Start the analysis and wait for the result; if an error occurs, read the details on the line.
5. Check quantities, times, usage and costs before applying prices and discounts.

Normal calculation requires a compatible material, printer and print profile. For a 3MF with embedded data, follow the project's configuration instead: you do not need to recreate its technical settings by hand.

You can apply a post-processing cost during upload and save a frequently used single-color combination as the default. Recheck multicolor mappings for each project.

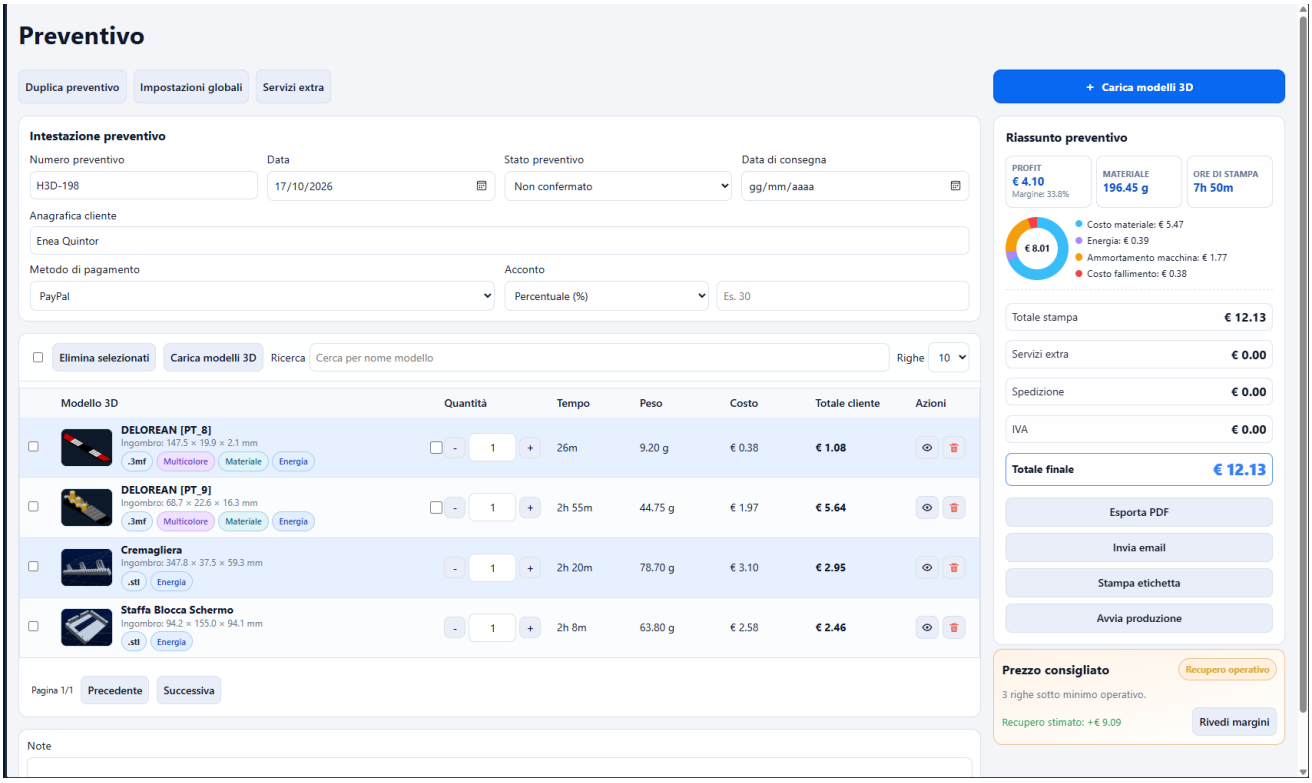


Figure 4.1 · The quote brings together models, financial parameters and a summary. Check each line's results before reading the total. Original Italian interface.

The model line

1. Click the line to open the changes available for that model.
2. Check the material, printer, profile, quantity, markup, discount, failure rate, post processing and supports.
3. Double-click the title to change the displayed name.

Individual line settings take priority over general settings for fields that support this. Want to increase the markup only on the most difficult part? You can change that line without changing the whole order.

Manually editing time and weight is useful when you need to enter values you already know. Use it deliberately and recheck the result: an entered value is not a new measurement obtained by slicing.

Selecting several lines reveals **Edit selected**, which applies the available changes to multiple models. Check the selected lines first: the same change is not necessarily suitable for every part.

Order summary

The summary distinguishes costs incurred, amounts charged, material, print hours and expected profit. It updates as the quote changes. The amount to collect and your profit are not the same: also read the cost items and any services you have chosen to absorb.

Indicators on the lines help identify specific markups, discounts, multicolor calculations or errors. Hover over a warning to read the details when available.

Saved quotes and frozen values

In **Quotes > Saved quotes**, you can search for, reopen, duplicate or delete a quote. If it was created with a different slicer or catalog data has changed, the program offers the available choices before recalculating.

If you want to...	Consider this option
Keep the price offered in the past	Retain the frozen historical values. Changing a spool's price today should not rewrite every quote.
Update a quote	Decide whether to change the original or work on a copy. Duplicating helps preserve the previous price.

If you delete a material, printer or profile, check the warnings when reopening the quote. Preserving historical values does not mean that every resource required for a new calculation is still available.

05 | Models, colors and orientation

STL, STEP, OBJ and 3MF projects

Files can contain a single object or, for 3MF projects, multiple models and plates. Always check your selection before starting the analysis. You can add or remove files from the session and choose the plates available in the project.

Choose a mode according to which parts of the project you want to use:

Mode	Data used
Monochromatic quote	Normal calculation uses the parameters selected in the calculator.
Multicolor	When the project is suitable, map its filaments to your materials and analyze the plate.
Use 3MF project data	When available, retains the original project's technical settings.

These are different workflows, not three names for the same operation.

Use 3MF project data

This mode retains the original project's technical settings. When it contains usable time and material usage data, the program can reuse them; if a new calculation is necessary, you need a slicer compatible with the project and the supported workflow.

1. Map the physical printer to your catalog.
2. Map every filament: these mappings assign costs and inventory usage.

These mappings do not automatically rewrite the project's technical settings.

Quantity repeats the entire plate. In this mode, the quote is created per plate, not per individual object on it. If a plate contains five parts, two repetitions represent two complete plates.

Caution: the presence of embedded data does not necessarily mean the file has not been changed since slicing. Check that the times and usage really match the project you want to produce. To change orientation, supports or other technical parameters in this mode, edit the project in its original slicer, save it and import it again.

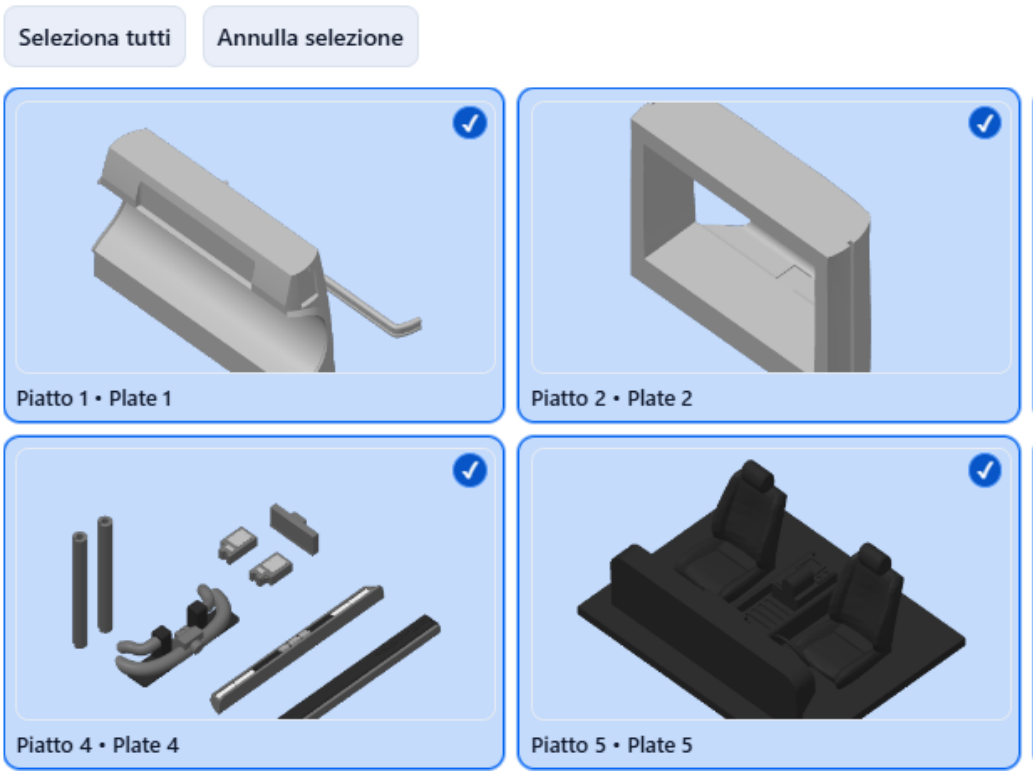


Figure 5.1 · Plate selection in a 3MF project: choose what to import and check the calculation mode. Original Italian interface.

Multicolor and filament mapping

1. Check that the project supports the multicolor workflow.
2. Map the file's colors to materials saved in the program.
3. Check the mappings: a similar color does not necessarily mean the same material. Mapping links filaments to your costs and inventory.

In the multicolor workflow, the selected plate is analyzed. In the details, you can check each material's usage, waste, purges, towers and time associated with color changes. Use the active mapping control to check or change mappings where supported.

Multiple copies: what happens to purges?

The option beside quantity lets you avoid multiplying purges for every copy in supported cases. Use it when several parts share the same color changes on one plate.

Practical example: printing several copies together can share color-change waste; producing them on separate plates requires counting it again. Do not enable the option just to obtain a lower price: it must describe how you will actually print.

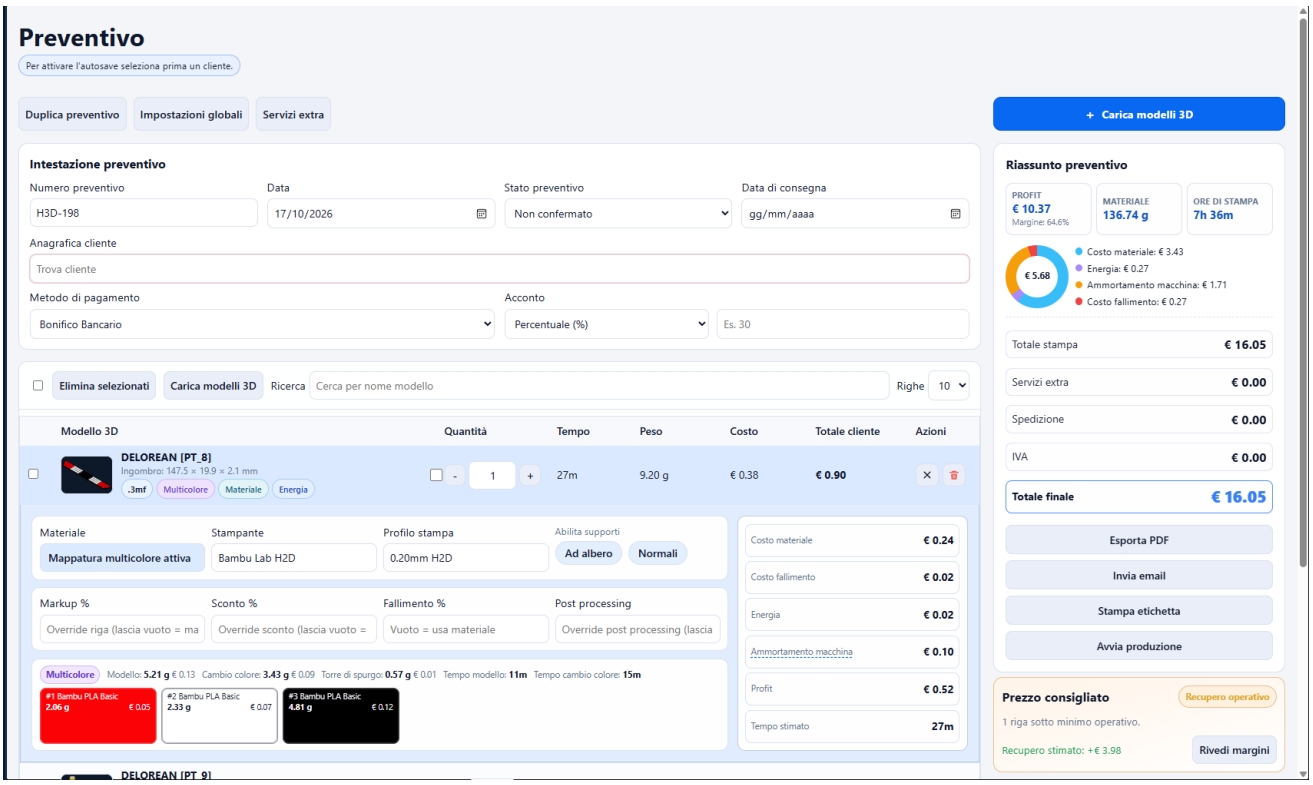


Figure 5.2 · Multicolor details: check the mapped materials and the distinction between the model and waste. Original Italian interface.

Rotating the part or just looking at it?

For a single-color model that allows orientation changes, open the viewer from the line's thumbnail.

Gesture	What changes
Drag a ring	Rotates the part and changes its printing orientation.
Drag outside the rings	Changes only the view.

1. Drag the ring for the axis you want to use. During the gesture, move just outside the ring to snap rotation to 15° steps.
2. For a precise value, use the **X, Y and Z** fields. The **+90°** buttons make a quarter turn around the indicated axis.
3. Use **Zero angles** to return to the base angles. **Reset view** restores the camera view instead: it is a different command.
4. Check how the part rests on the bed and click **Apply** to save its orientation. **Cancel** closes without applying changes.

Drag outside the rings to explore the model; use the wheel or a two-finger gesture to zoom. The arrow keys, +, - and Home also help control the view from the keyboard.

Place on face

1. Enable **Place on face**.
2. Select one of the suggested planes on the model's outer envelope.
3. Check the result and confirm with **Apply**.

The planes can also span empty spaces: they do not necessarily correspond to every small face or cavity in the part.

If the command is unavailable, for example on some complex or simplified previews, you can still use the angle fields. During face selection, Esc cancels the selection; outside that mode, it closes the window.

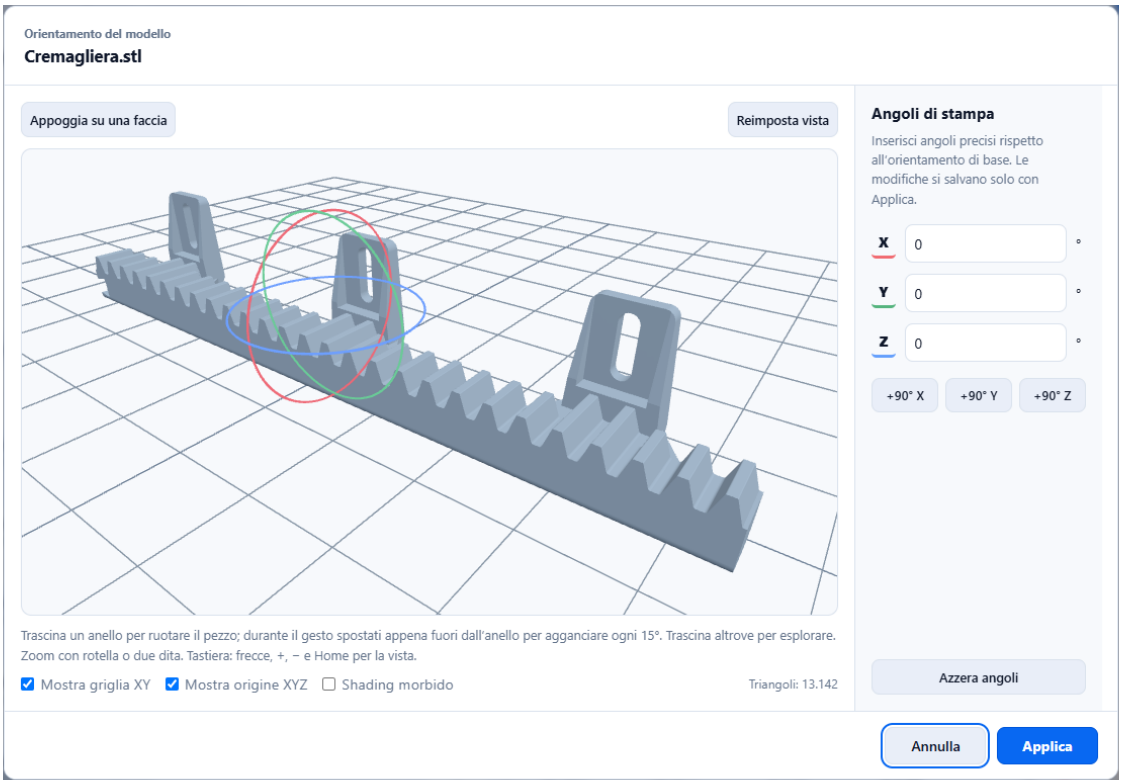


Figure 5.3 · Model orientation: use the rings to rotate the part and drag outside them to explore the view. Original Italian interface.



Figure 5.4 · Printing angles and quarter-turn buttons in detail. The numerical values change the part, not just the camera view. Original Italian interface.

Note: printing orientation can affect times, usage and supports; check the line calculation after applying it. Multicolor previews and projects that retain 3MF data do not necessarily offer the same controls as a single-color model.

06 | Costs, markup and the right price

Markup and margin: getting them straight

Markup is simply the amount you add on top of your cost, expressed as a percentage. Margin measures what you keep relative to the selling price. Both describe profit, but they measure it from different starting points.

Practical example: a part costs you 10 euros. You apply a 200% markup and sell it for 30 euros. The profit is 20 euros and the margin on the selling price is about 66.7%, not 200%.

Price = cost × (1 + markup / 100).

Margin % = (price - cost) / price × 100.

Confusing the two percentages makes profits look much higher than they really are. The quote's global markup is therefore an addition to costs, not a guaranteed margin percentage.

Which markup takes priority?

1. **Line markup**: the most specific setting, which takes priority over the others. Useful when a particular part needs extra trials or care.
2. **Material markup**: when set, takes priority over the global value for lines using that material.
3. **Global markup**: applies wherever it is not overridden by a more specific setting.

Have five parts, but only two use a material with its own markup? That markup applies to those two parts. The others use the global value unless you change an individual line. Quote indicators help you recognize which level is being applied.

The recommended price

The program suggests a price based on the available data, considering factors such as time, material, consumption and risk. You can follow the suggestion or set the margin you want to achieve, checking how the required markup changes.

Applying the recommended price changes the line markup, which takes priority over global and material markup. If you have extra services that you do not charge to the customer, also check their effect on the whole order's result.

> Caution: this is a suggestion, not an absolute statement of market price. Look at the result, compare it with the work required, and decide whether it suits the customer and your market.

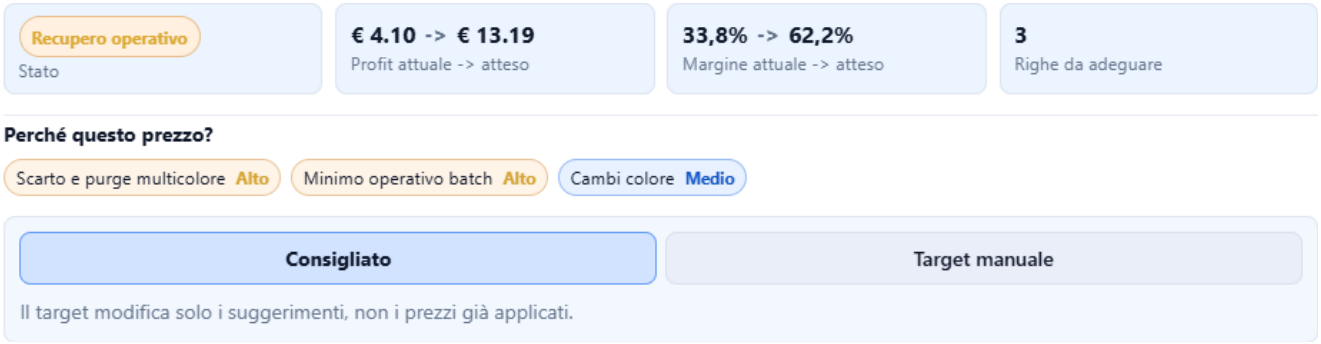


Figure 6.1 · Recommended price: assess the suggestion alongside the order's margin and costs. Original Italian interface.

Extra services: charge for them or absorb them?

Packaging, an external service or a processing step can be a cost even if you choose not to show it as an additional amount charged to the customer. Configure the item so the summary reflects the real situation.

Choice	Effect on the order
Cost not charged	You bear the cost and it reduces profit, for example when you include packaging in the price.
Charge	Passes the cost to the customer. Charging the same amount recovers the expense; the service's markup lets you add a markup.
Charge without cost	Charges the customer an amount without an external cost associated with that service. The other options are disabled according to how the form works.

Practical example: you outsource a modification to a modeler. It is a cost to you; you can charge it to the customer and apply a markup. If you make the modification yourself, the option without an external cost does not mean your time has no value: still consider how to charge for it in the quote.

Discounts, shipping and machine setup

Global settings let you manage machine setup, order markup and discount, as well as a quantity discount table. Add extra services and any shipping tariff, then check the complete summary.

Discount tables depend on the quantities of individual lines: changing the number of parts can move a line into a different tier. Check the final price before sending the PDF, not just the displayed percentage.

07 | From quote to document

Prepare your PDF templates

In **Settings > PDF templates**, prepare presets to reuse when exporting a quote, a work order or the PDF attached to an email.

1. Choose the **Document** type: **Quote** or **Work order**.
2. Start from **Standard** or select a personal preset you have already saved.
3. Change the options. The **Template preview** updates automatically after a short pause: it always uses fictional company, customer, item and service data. It does not read or change your quotes.
4. Click **Save as new**, enter the **Preset name**, then click **Save preset**.
5. To replace a personal preset, select it, change its options and click **Update preset**. Confirm the replacement in the dialog.

Standard uses portrait A4, automatic columns, itemized services and enabled thumbnails in **Technical B/W** style. You cannot overwrite or delete it. To remove thumbnails or choose **3D render**, save a personal preset in Settings. Existing saved presets retain their own choices.

Option	What changes
A4 orientation	Choose **Portrait** or **Landscape**.
Visible columns	For a quote, choose material, quantity, unit price, discount, VAT and line total. **3D model** remains mandatory. The names match the exported PDF's column headings. For a work order, you can choose material and quantity, without financial columns.
Restore automatic columns	Discount and VAT appear again when applicable.
Extra services	Choose **Itemized services** or **Summary only**. Summary mode hides the details and the post-processing amounts in line descriptions.

Option	What changes
Include 3D model preview in PDF	Include thumbnails and choose **Technical B/W** or **3D render**. In the sample, they are represented by demonstration shapes.

Hiding a column or service details does not change calculations, applied discounts or the total. Hiding the VAT column does not remove VAT from the financial summary. The work order retains its operational summaries without selling prices.

Reset preset discards current changes and returns to the saved options. For **Standard**, it restores the initial options. **Delete preset** removes a personal preset after confirmation; PDFs already created remain unchanged.

Quote and work-order presets are separate. Quote presets are also available for email attachments. They are saved on this installation and included in the full data backup; they are not shared through Workspace.

If loading fails, use **Try again** before saving new presets. If the preview shows an error, click **Retry preview**. You can prepare both template types even in FREE: actual exports and sending emails still depend on the active license.

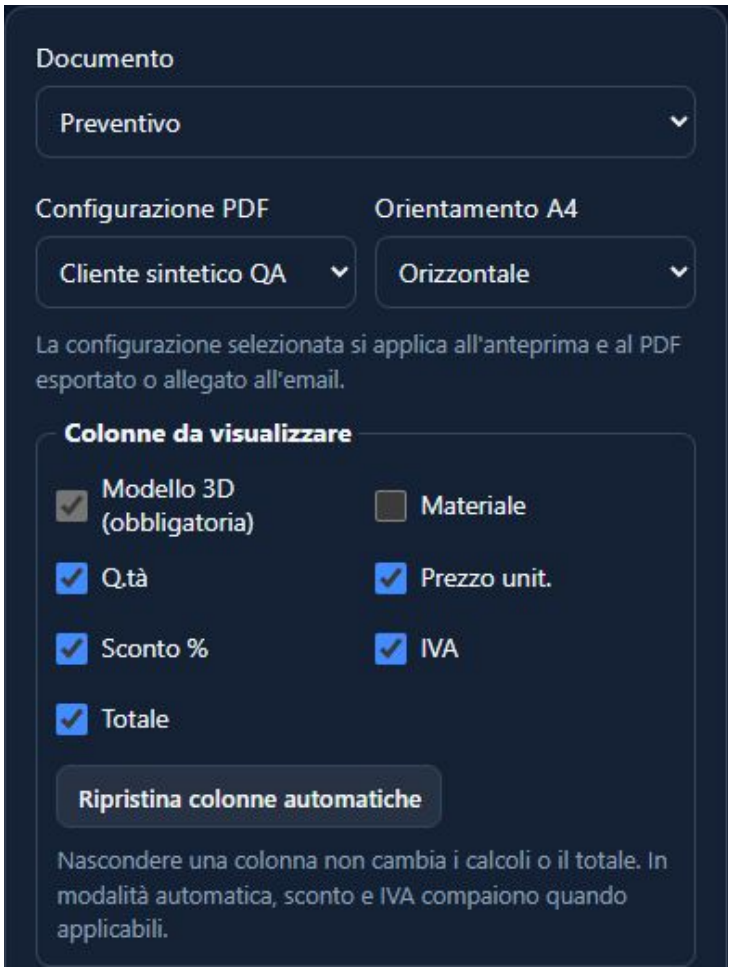


Figure 7.1 · Column details in Settings > PDF templates: the headings match those in the exported document. Original Italian interface.

PDFs, receipts and work orders

1. Click **Export PDF** in the quote. The same command is available in the details of a saved quote.
2. Choose **Quote** or **Work order**. **Receipt** appears in the occasional-services workflow when the settings allow it.
3. Under **PDF preset**, choose **Standard** or a personal preset prepared in **Settings > PDF templates**.
4. To edit the preset, open the menu and choose **Customize export profiles…**: **Settings > PDF templates** opens with the selected document type and preset. Save your changes before returning to export.
5. Click **Preview** and check the actual document: header, customer details, quantities, notes, payment, total and images.
6. Click **Export PDF** and choose the filename and destination. If you cancel the picker, no file is saved and the export dialog remains available.

The export dialog contains only the preset selection, alongside preview and save commands. Columns, orientation, extra services and thumbnails are edited in **Settings > PDF templates**, reached through **Customize export profiles…** in the menu.

Document	When to use it
Receipt	For occasional services. Withholding tax and wording depend on the settings: reread the document and check that it is appropriate for your situation.
Work order	For production: models, quantities, materials and operational summaries, without selling prices.

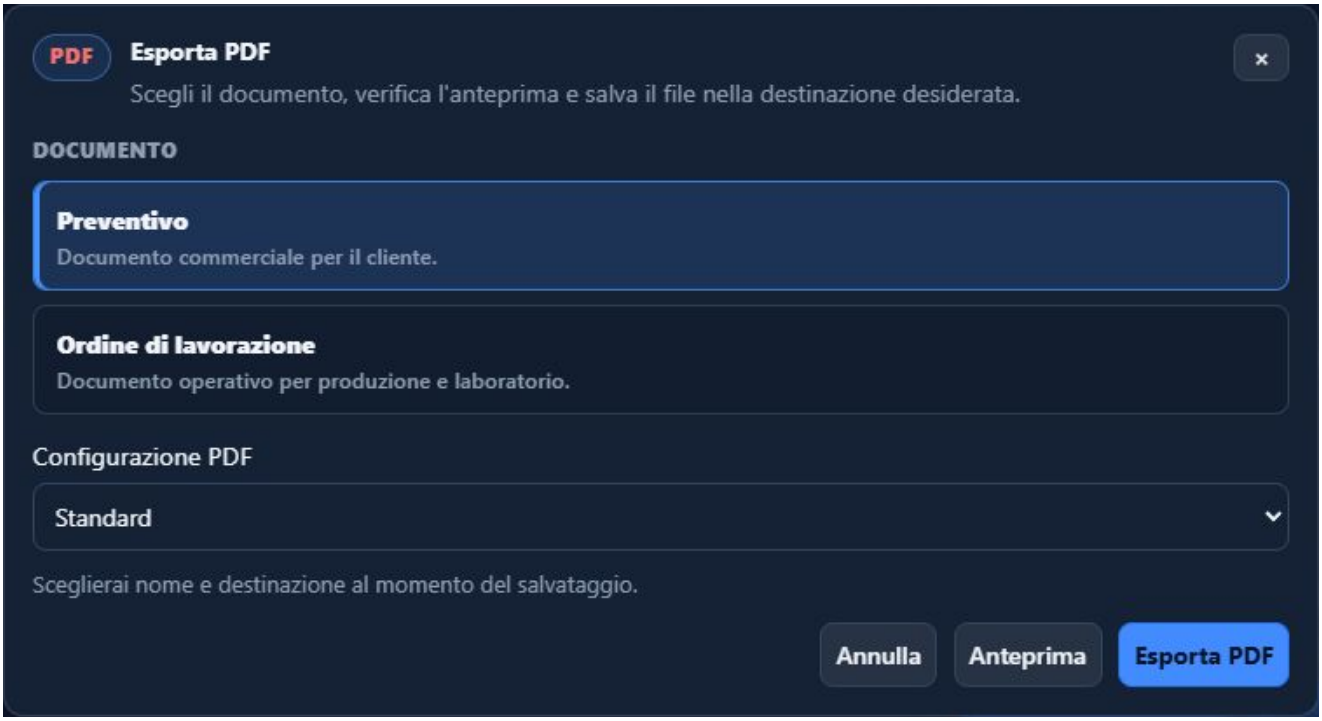


Figure 7.2 · Choose the PDF preset in the export dialog; edit the template options in Settings. Original Italian interface.

Anteprima	Modello 3D	Materiale	Q.tà	Prezzo unit.	IVA	Totale
	DELOREAN [PT_8]	Bambu PLA Basic (Rosso (10200)) Bambu PLA Basic (Bianco giada (10100)) Bambu PLA Basic (Nero (10101))	1	€ 1,08	€ 0,00	€ 1,08
	DELOREAN [PT_9]	Bambu PLA Basic (Nero (10101)) Bambu PLA Basic (Grigio (10103)) Bambu PLA Basic (Giallo (10400))	1	€ 5,64	€ 0,00	€ 5,64
	Cremagliera	Bambu PLA Basic (Bianco giada (10100))	1	€ 2,95	€ 0,00	€ 2,95
	Staffa Blocca Schermo	Bambu PLA Basic (Bianco giada (10100))	1	€ 2,46	€ 0,00	€ 2,46

Totale preventivo

Totale pezzi	€ 12,13
Spedizione	€ 0,00
IVA (0%)	€ 0,00
Totale finale	**€ 12,13**

Figure 7.3 · PDF preview detail: lines, quantities and totals. Also check the header and notes before exporting. Original Italian interface.

Send the quote by email

1. In **Settings > Email**, configure your SMTP account with the provider's server, port, security and credentials.
2. Check which credentials the service requires: some email accounts use an app password or a separate authorization, rather than the normal sign-in password.
3. Customize the subject and message body. Click the suggested fields to insert quote information automatically, and check the text preview.
4. Before sending, recheck the recipient and attachment, especially if you have just changed the order.

The message dialog contains **PDF preset**: choose **Standard** or a personal quote preset. The current preset is carried over when you open the email from export; you can choose another or use **Customize export profiles…** to open it in Settings. This option closes the message dialog without sending an email.

Check the recipient, subject and message before sending. The attached PDF uses the chosen preset and is kept in the history: editing a preset later does not change documents already sent. Use **Settings > PDF templates** to change a preset's layout.

Note: if the configuration does not work, check the provider's current requirements. Do not send passwords or API keys in screenshots intended for support.

Labels for models

1. From the **Labels** menu, choose all models or the selected models.
2. Check the intended content: quote number, date, quantity, material, model name and customer.
3. Test the format, device and content before starting a batch.

Device	What you need
DYMO	Dymo Connect and its Web Service correctly installed.
ESP32 Wi-Fi	A supported device configured in **Label printers**.

The presence of the command does not guarantee that the printer service is already running.

External billing and Fattura24

1. Configure the supported billing system in company details and verify the API key.
2. Once the connection is valid, use the invoice creation command provided by the integration from the quote.

The program also marks an invoice as already created in the quote archive; its details let you identify the reference. If you request another generation, check the proposed operation to avoid duplicates.

Removing the invoice-created status from the calculator does not physically delete the document in the cloud billing system. Use that service's procedures to edit or delete the external document.

For the Fattura24 address book, you can import the CSV supported by the Customers feature. This workflow lets you update contacts without copying them all by hand. Check the import result before using them in documents.

If you generate an invoice for a customer who is not in the external address book, the integration can create their record during the operation. Enter their details carefully in the calculator from the outset.

08 | From order to printed parts

Quote statuses

A quote can be **Not confirmed**, **In progress** or **Completed**. Status is more than a label: it affects statistics and, depending on the workflow used, inventory movements.

Completed quotes contribute to the Dashboard's financial statistics. An order still in progress is not treated as though it were finished.

Without a production order

1. If you manage the order without linked production, changing it to **Completed** records the expected material usage.
2. Returning to a previous status creates the compensating movement provided by that workflow.

Always check the movement ledger when correcting a status: it shows what was deducted or restored and which quote it relates to.

With a production order

The Production board is available with an active PRO license. Check your current plan before starting this workflow.

1. Start production from the quote: the order moves into progress and appears under **Quotes > Production**.
2. Open the order to see models, quantities and progress, together with the mapped materials and printers.
3. Record completed parts and any scrap. Usage follows the progress actually recorded.
4. This distinguishes what you delivered from what you had to reprint.

Practical example: you need to produce ten parts, and two attempts fail. Recording scrap also tracks the material used in those attempts, rather than making it disappear from your figures.

In the order details, click **Work order**. Choose **Standard** or a personal preset. **Customize export profiles…** opens the selected work-order preset in Settings. Check the document with **Preview**, then click **Export PDF** and choose where to save it.

These are the same presets available for a work order exported from the quote or archive. Exporting does not change quantities, progress, usage or production status.

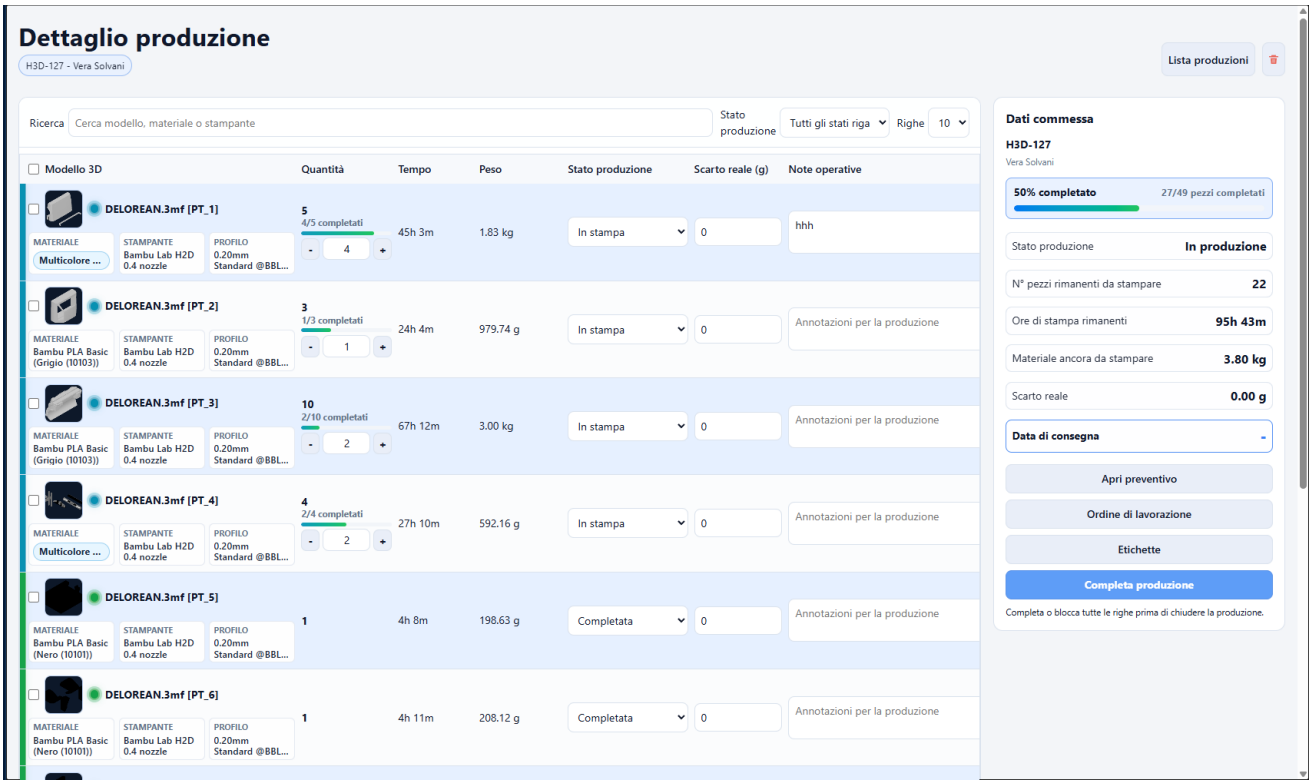


Figure 8.1 · Production order: record completed parts and scrap as work progresses. Original Italian interface.

Avoiding duplicate inventory deductions

Workflow	What determines usage
Without linked production	Completing the quote, with the relevant compensation when you return to a previous status.
With linked production	Recorded progress. Changing quote status must not cause a second full deduction; the program checks which statuses and operations are allowed.

Correcting completed quantities or scrap can create compensating movements. Reopening a production order does not automatically return all the material: progress and usage history still matter.

> Caution: do not use status changes as a shortcut to correct inventory. Correct progress or use the available adjustments, then check the movement ledger.

If the quote changes after production starts

Changing quantities, materials or models in the quote may require updating the linked production order. The available operations depend on the order's status and whether any usage has already been recorded.

Do not assume you can freely replace a production order that already has a processing history. Read the program's warning before continuing and retain a record of the work already done.

At the end of the job, check both progress and the quote's final status. For financial analysis, the order must be completed through the correct workflow.

09 | Understand how things are going

The Dashboard

The **Dashboard** is the program's summary page.

1. Choose the period: day, month, year or a custom range.
2. Read the results for **completed orders**.

Available information includes the number of completed quotes, revenue, profit, printed objects, material usage, print hours and multicolor waste. The summary of ongoing production helps you reach jobs that are still open.

> Note: financial statistics for completed quotes and the list of ongoing production describe different things. An open order is not added to the results as though it were already finished.

Charts help you identify material usage, printer hours and financial trends. Hover over items to read more details when available.

The compact inventory view is not the entire catalog: you can sort it to find the stock or materials you are interested in. Clicking a material's name opens its movement ledger.

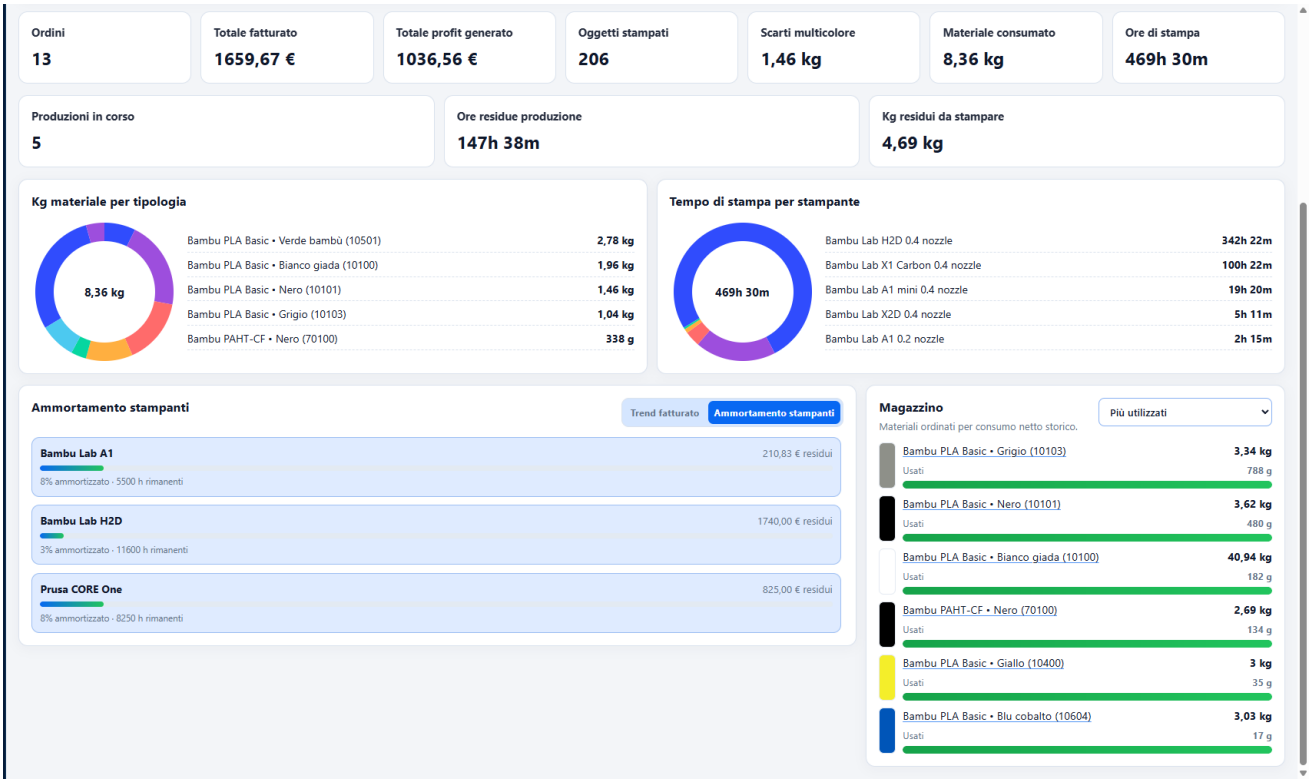


Figure 9.1 · Dashboard: choose the period and compare the indicators with quotes that have actually been completed. Original Italian interface.

The website requests bar

The website requests bar appears on the Dashboard only when you have connected a website. It summarizes requests and connection status. Use **Open requests** to reach the list, or follow the configuration command if the program reports a connection problem.

1. To give the indicators more room, click **Hide** on the bar.
2. The program remembers this choice after closing and reopening.
3. To show it again, open **Quotes > Website requests**.
4. Set the **Dashboard bar** switch beside connection status to **On**; **Off** hides the summary.

> Without a connected website, the bar remains absent even when set to On. Hiding it does not stop request checks or change the program's other notifications.

If saving fails, the program restores the previous choice and shows a message. Use **Retry** on the Website requests page to retry saving the choice.

Reports: look more closely

The Reports page, available with the PRO plan, lets you explore the data with filters for customer, material, printer and extra services. It helps you understand who your most important customers are and which jobs keep your machines busiest.

You can analyze usage by material and color, profit per hour, profit per quantity of material, average margin, print hours and total usage. Clickable items let you progressively narrow your search.

To assess the return on orders using a particular material:

1. Select the period.
2. Filter by material.
3. Compare costs, hours and profit: revenue alone does not describe all the work involved.

If a result looks unusual, check these in order:

1. Filters, period and quote statuses.
2. Costs saved in the orders: changing a purchase price today does not automatically rewrite frozen historical values.

10 | Receive requests from your website

The customer sends you models and information from a web page. You review the request in the calculator and prepare the quote using your materials and settings.

> The workflow: **configure the form > customize > check the preview > download and install > receive requests**.

The website does not automatically provide a price or publish your quote archive. Calculations and commercial review remain in the program.

1. Before you start

You need:

- An **active, synchronized PRO license** to configure the feature and receive requests.
- Hosting with **HTTPS, PHP 8.3 or later and PDO SQLite**.
- A private folder **outside the website's public folder**, as described in the README included in the package.

Open **Settings > Website connection**. This is where you configure the form and prepare the ZIP to install on your hosting.

> Caution: downloading the package does not publish the website. You must install it in your web space; visitors must not be able to access private files.

2. Choose a full page or widget

Format	When to use it
Full page	You want an upload page with your business identity and links to your additional pages.
Widget	You already have a website and want to embed only the upload form. It does not show additional business pages.

The two settings tabs have different roles:

Tab	What you configure
Connection and package	Form options, optional anti-bot protection and the package to install.
Customize page	Appearance, your business links and additional pages.

You can switch tabs without losing your changes.

3. Configure the form and save in the app

1. Open **Connection and package**.
2. Fill in the information required by the form: business or website name, per-file limit and privacy policy address.
3. Choose which materials to show customers.
4. Wait for the saved confirmation in the bar before closing the program.

How saving works

- Valid options save automatically after a short pause in editing. The bar shows pending, saving or saved status.
- Correct any invalid value or incomplete HTML. The draft remains visible but is not marked as saved.
- If saving fails, click **Retry saving**. Download becomes available when the required details are complete and valid.

Saved in the app does not mean updated on the website. To publish an appearance or page change too, download and install the updated package. The steps are in section 8.

4. Customize appearance and colors

Open **Customize page** and set the full page's appearance and your business links.

Under **Page colors**, choose a palette for each mode:

Mode	Available palettes
Light palette	Ocean or Sage
Dark palette	Midnight or Graphite

The palettes apply to the full page, additional pages and widget. Download and install the updated package to make them visible online.

On the website, visitors find **Dark mode** at the top beside the language selector and can also use it from the keyboard. With no previous preference, the page opens in light mode; if the browser permits local storage, it remembers the choice for later visits.

5. Add pages, text and photos

Create a page

1. In **Customize page > Additional pages**, click **Add page**.
2. Choose the **Page title** visitors will see.
3. Write in **Page content**. The editor shows formatting immediately, without requiring HTML tags.

You can add more pages with different titles. After installing the package, their titles become links on the full upload page. Each page lets visitors return to file upload; the widget retains only the form.

Format text

Select the words, then use a toolbar command. The command names are also available as icon tooltips.

Command	What it does
Heading / Paragraph	Changes the text's structure.
Bold / Italic	Emphasizes selected words.
List	Organizes content into points.
Undo change / Redo change	Revises your actions. An unavailable command is dimmed.
HTTPS link	Adds a link to selected text.

For a link, select the text, click **HTTPS link**, enter the **Link address** and confirm with **Insert link**. The link remains inactive in the editor and opens on the published page.

- Pasted text loses its original formatting: apply formatting with the toolbar.
- The counter shows the HTML size. The limit is **20,000 characters per page**.
- Use **Show preview** to check the result with the website's appearance.

If you prefer HTML code

Click **Edit HTML**; **Visual editor** returns you to formatted text. Switching modes does not rewrite the content. Valid changes save automatically in the app.

Only supported static content is allowed: scripts, forms, styles and external embeds are unavailable.

Add product photos

1. Click **Upload photo** and choose a PNG or JPEG image in the dialog.
2. Enter a description of the photo so people who cannot see it can understand it too.
3. Repeat for any other photos you want to show.

The program prepares a resized copy, preserves orientation and removes metadata. Canceling the selection leaves the page unchanged.

> **Combined limit:** the content and photos across all pages must fit within **4 MiB**. If a warning says the desktop connection is out of date, preserve your changes and reopen the updated application before retrying.

Remove or update a page

The program asks for confirmation before removing a page that contains content. Additions, edits and removals reach the website after you download and install the updated package.

If the website uses an older package that does not support these pages, install the updated one by following its included instructions.

6. Check the preview

1. Click **Show preview** at the top beside **Download package**. The command is available in both tabs.
2. Choose **Full page** to see your business identity and additional pages, or **Widget** for just the embeddable form.
3. Under **Color mode**, try **Light** and **Dark**.
4. In the full page, open the page titles and try returning to upload. Close the popup to resume editing.

The preview tests appearance: file upload, submission and external links are disabled. Any CAPTCHA is a placeholder, without real verification. The dimensions on the website depend on available space and hosting limits.

7. Protect the form from automated submissions

Anti-bot protection is **optional and disabled initially**. In **Connection and package > Anti-bot protection**, you can enable one service at a time:

Choice	What it means
Disabled	No CAPTCHA services are loaded. Rate, format, size and storage checks remain in place.
Cloudflare Turnstile	Uses keys created in your Cloudflare dashboard.
Google reCAPTCHA v2	Requires v2 checkbox keys, not v3 or a different Enterprise integration.

Enable your chosen service

1. Create your keys in the service dashboard and authorize the upload form's domain.
2. Enter the **Public key (site key)** and **Authorized domain**. Use only the domain in ASCII characters, such as **upload.esempio.it**, without https://, a port or a path. If the form is embedded in another website, enter the upload iframe's domain.
3. Enter the secret key and click **Store secret key**. The field clears: the program does not display the key again.
4. Download and install the updated package. Disabling protection online also requires this step.

Stored does not mean verified by the provider. If you change service, public key or domain, check that the corresponding secret key is stored and enter it again if required before downloading the package.

Where the secret key stays

- It is kept in the computer's keychain and **is not included in app backups**. After restoring on another computer, you may need to enter it again.
- To delete it, click **Remove saved key** and confirm. Disabling protection does not delete stored credentials.

- The server receives a copy in the **ZIP's private configuration**. Treat the package as a credential and keep the private folder outside the website's public area.

Test the check on the installed website

Protection applies to the full page and widget. Visitors complete the check before submitting. If it expires or the service does not respond, they can repeat it without selecting their files again.

Your hosting must allow HTTPS verification with the provider; check the requirements in the README. The online check works even when the desktop app is closed. You cannot test it for real in the app preview.

> Verification helps limit automated submissions. To also protect bandwidth and temporary storage against direct uploads, use your hosting's protections. Check the chosen service's information and update your website's privacy notice for the protection enabled.

8. Download, install and connect the website

1. Complete the settings and wait for them to save locally.
2. Choose the format in **Connection and package**, then click **Download package** in the shared bar and select the ZIP destination in the dialog.
3. Follow the **included README** to install or update the server files, separating public and private areas and preserving the requests archive.
4. Check the website over **HTTPS** and connect the computer that will receive requests.
5. Make a submission with demonstration data before sharing the link with customers.

The package contains the current settings. Canceling the picker does not create a ZIP or indicate that the website was updated; options already saved in the app remain saved.

> For paths, updates and detailed installation, use the README and guide in the package. Do not move private files into the visitor-accessible area.

The token is only for recovery or manual connection

The program prepares the token during export; you normally do not need to copy it manually. Open **Manual connection and token** only to recover the credential or resolve a problem.

Keep the token as a private credential: do not send it to customers or include it in screenshots. If you enter it manually, check that the URL and token belong to the same installation.

9. From request to quote

Requests arrive under **Quotes > Website requests**. The connected computer checks for new requests while the program is open; hosting can collect them even when the computer is off.

1. Open the request and check the contact, notes, quantities and files.
2. Check the customer's preferences, including material: they do not replace your technical choices.
3. Click **Import and prepare quote** and follow the dialogs for files and associated data.
4. Complete the model settings and check the customer before saving.

Receiving a request does not mean accepting an order. The preparation workflow is separate from exporting a catalog: do not copy files into internal folders. If interrupted, use the resume command if one is offered.

Show or hide the Dashboard summary

In **Website requests**, set **Dashboard bar** beside connection status:

- **On:** shows the Dashboard summary when a website is connected.
- **Off:** hides the summary.

The choice is saved when you reopen the program. You can change it even if your plan does not allow new requests; limits and history access remain as provided by the plan.

10. If something does not work

Situation	What to check
Change not visible on the website	Saving locally is not enough: download and install the updated package.
Saving not completed	Correct fields or incomplete HTML; if an error appears, use **Retry saving**.
Request not yet available in the app	Check the status and URL in **Website connection**. The program must be open and able to reach the server.
CAPTCHA not verified	Repeat on the installed website and check keys, domain and hosting HTTPS requirements. The preview does not perform verification.
The plan returns to FREE	PRO request reception is unavailable; history and previously imported quotes remain saved.

Do not regenerate tokens or reinstall the website as the first response to a connection problem. Follow the status information and ask support if necessary.

11 | Data, backups and teamwork

The full backup

Tool	What it does
Export/Import backup in Settings	Saves or restores the supported set of data, including models and profiles.
Export/Import in an individual catalog	Transfers that catalog's data, such as materials or customers. It is not a full backup.

1. Before restoring, keep a backup of the current state.
2. Explicitly choose the file to import or the destination to save to.
3. Read the warnings before confirming: do not assume an import always merges content without replacing anything.

Move the data folder

Use **Move data folder** to choose another destination for local data. Do not drag folders manually while the application is working.

> A folder synchronized by a cloud service and a **Shared workspace** are not automatically the same thing.

What is the Shared workspace for?

When several people need to work with the same data, Workspace lets them share a folder between workstations. Each computer keeps its own local copy and exchanges changes through the shared path.

The folder can be available on a local network, NAS or compatible synchronization service. All workstations must be able to reach the same folder and have completed the required setup.

> Note: synchronization helps share work; it does not replace an independent backup. A shared mistake is still a mistake even if it reaches every computer successfully.

Create and link workstations

1. Prepare the initial workstation with the data you want to share. Check materials, profiles, customers and quotes.
2. In Shared workspace, use **Create workspace** and select the destination folder. The program prepares its initial state.
3. On the other workstations, use **Link workspace** and select the same folder. Read the warnings before taking in shared data.
4. Give each workstation a recognizable name and check synchronization.

Command	Result
Unlink	Disconnects the workstation, which returns to working locally.
Publish snapshot	Prepares a snapshot that can also initialize new workstations without replaying every previous change.

Auto sync, push and pull

Option	What it does
Auto sync	Enables overall automation. Without it, related automatic operations do not run.
Auto push	Sends local changes to the shared folder.
Auto pull	Periodically checks for shared changes and brings them into the workstation.

You can also start operations manually. Check pending local changes before shutting down or disconnecting the computer, especially when working offline or when the cloud service has not finished its own synchronization.

Workstations, conflicts and maintenance

Workstation status helps you see who is up to date. An out-of-date workstation may be off or may not have exchanged data for a while; it does not automatically mean information has been lost.

If several people edit the same quote, **conflicts** may appear.

1. Compare the work done before choosing a version.
2. Agree with your colleague which version to keep.

Pending local changes and open conflicts are different situations.

Maintenance commands can clean up unused resources or old snapshots. Before using them, especially on an active workspace, contact support at **info@help3d.it** and keep a verified backup.

12 | Settings and support

Options worth knowing

In **Settings**, you can choose the language and a light, dark or system-linked theme. You can also access:

Tool	Main use
Backup and data folder	Save or move data; details are in chapter 11.
Log export	Prepare information for support.
Check for updates	Check whether a version is available.
Startup tutorial	Return to the guided first-launch workflow.

The program also checks for updates at startup according to its settings; you can run a manual check whenever you want to see whether a version is available.

The Information and documents section contains the EULA, licenses and documentation. Use the guide link to reach the copy provided by the author. Contact details and the support center help you report a problem.

A calculation fails: what should I send?

Before contacting support:

1. Check the active slicer, profile compatibility and the file being used.
2. Read the error on the line: it may indicate an invalid combination or missing resource.

If the problem continues:

1. Export the log from Settings.
2. Send it to **info@help3d.it**, describing what you were doing.
3. Include the program version, operating system, slicer and steps to reproduce the error.
4. When possible, attach a demonstration file without confidential data.

You do not need to try every setting at random. A reproducible error, with clear steps and the relevant log, is much more useful to support.

Frequently asked questions

I cannot find a material or printer profile

Check the active slicer, its path and the user-profile filter. If you use the Beta version, also check the relevant option. A profile imported from another slicer can remain visible in the catalog without being usable in the current calculation.

A profile is marked as needing restoration

The program can no longer find a resource required by the profile. Use the suggested restore feature and check the analysis again. Avoid manually deleting files from internal folders.

The 3MF does not show the colors I expected

Projects from different slicers can store colors and data in different ways. Check the source, selected plates and mapping; when necessary, reopen the project in a compatible slicer and save a new copy, keeping the original.

A static or simplified preview does not always indicate a calculation error. Also check the material details and import mode: the image alone does not describe everything in the project.

Windows keeps reporting calculation errors

Check that the slicer's path is valid and the program can access the required files. Export the log and ask support to investigate before changing the installation or permissions. Always running everything as administrator is not a general setup procedure.

I want to start from scratch

Make a backup first and check which data folder you are using, especially if you moved it or have a linked Workspace. Ask support for a procedure suited to your situation: deleting an AppData folder from memory can remove useful data or target a folder that is not actually in use.

The totals do not match what I remember

Check whether the quote is frozen or recalculated, its quantities, extra services, discounts and the level of markup applied. For inventory, also check production and the movement ledger; for statistics, check the period and order statuses.

The license is not active

Read the message on the License page and complete any requested online verification. The program keeps working in FREE; if the warning continues, send support the details without sharing credentials or confidential information.