

Material

Create a database of the materials that you use in production. This setup is needed to later add materials to the related material categories and thus to processes.

1

Select the "Material" section from the side menu and either add a new material, duplicate existing material or edit material.

AI QUOTER v1.0.0

Home / Material

Materials

Material name	Colors	Unit	Unit Price	Density	Filament Di...	Action
MH Pro Series		kg	\$110.00	1.14 mm ³	mm ³	Duplicate Edit
MH Build Series		kg	\$36.98	1.14 mm ³	mm ³	Duplicate Edit
MH Build Series PLA		kg	\$20.87	1.24 mm ³	1.75 mm ³	Duplicate Edit
MH Pro Series PLA		kg	\$52.00	1.24 mm ³	1.75 mm ³	Duplicate Edit
MH Pro Series ABS		kg	\$52.00	1.04 mm ³	1.75 mm ³	Duplicate Edit
MH Pro Series PETG		kg	\$57.00	1.04 mm ³	1.75 mm ³	Duplicate Edit
NylonG		kg	\$128.00	1.01 mm ³	1.75 mm ³	Duplicate Edit

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2

Give the material a name, this is just for internal reference. "Cost per unit" refers to your cost to use a specific amount of this material. "Sell price per unit" is what you are selling it for when printing for your customer. If you need help, you can use the printing rate calculator on our website (<https://quoter.ai/rate-calculation/>) to find out the rates for your operation.

QUOTER v1.0.0

ds

Dashboard

Overview

ater

Process

Material Category

Material

Color

Edit Material

Material Name: MH Pro Series

Unit: kg

Density: g/cm³ 1.14

Color: Black, Blue, Red, White, Yellow

Sell price per unit: \$ 120

Cost per Unit: \$ 110

Filament Diameter: mm

Volume Scaling

Quantity Scaling

3

Select the "Material Category" that this material fits in. You can have several selections. Remember, your customer can only choose the category, not the specific material.

John Paul

✓ Save

✕ Cancel

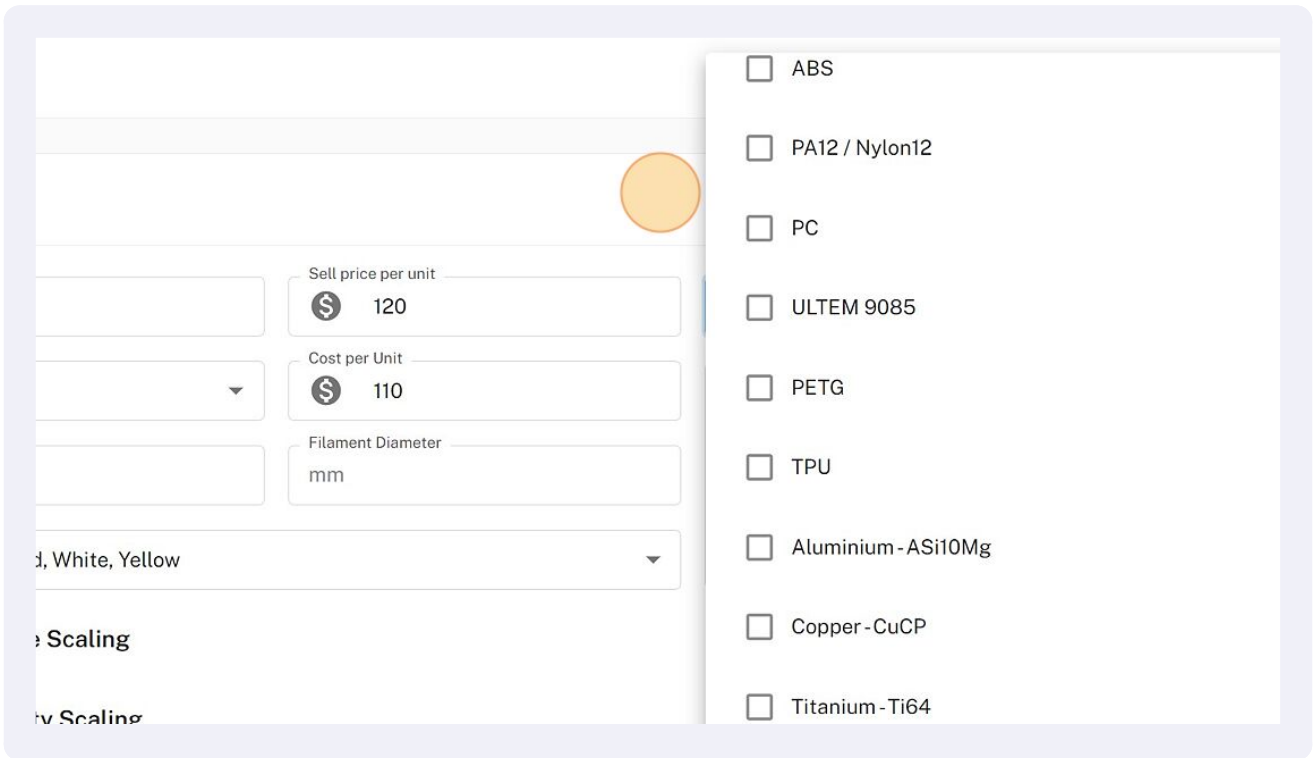
Sell price per unit: \$ 120

Material Category: Thermoset Pro

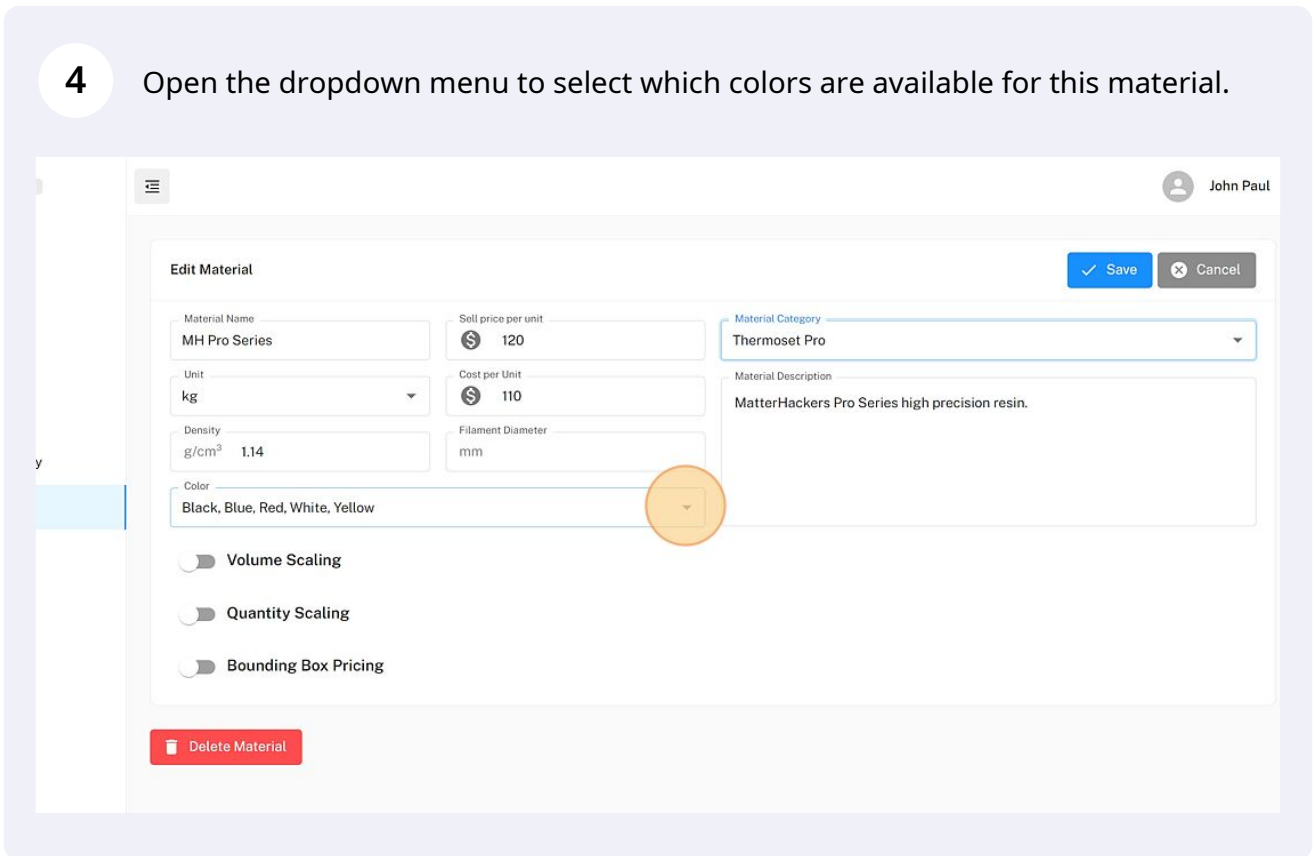
Cost per Unit: \$ 110

Filament Diameter: mm

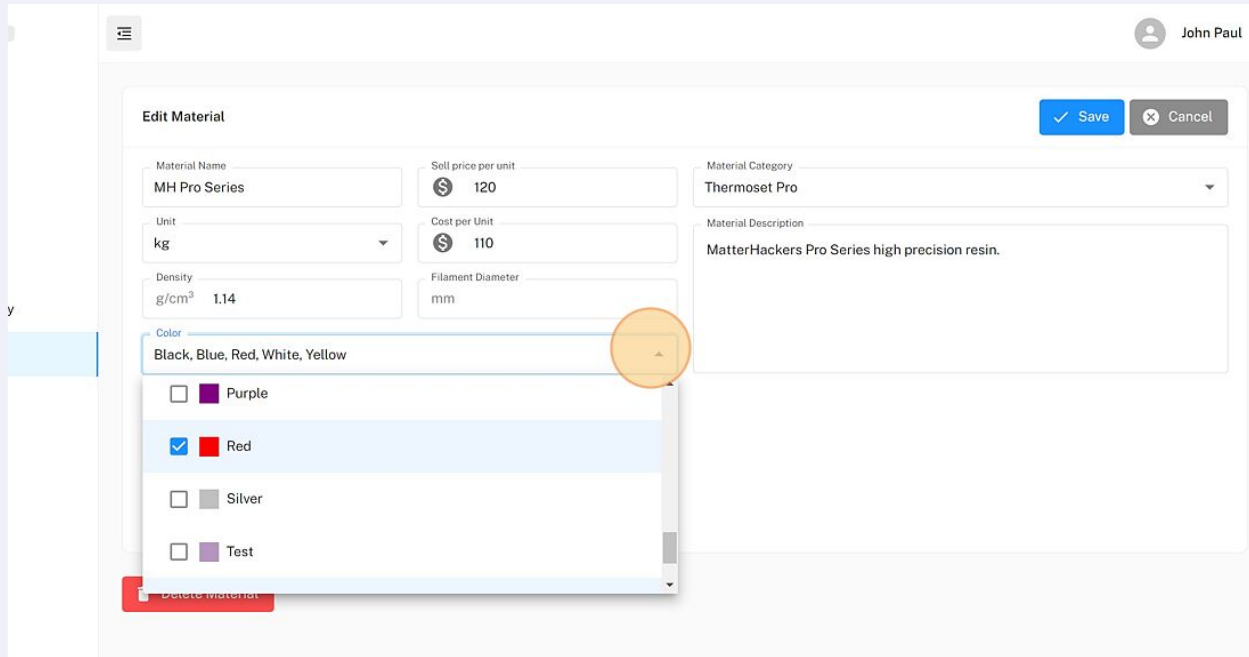
Material Description: MatterHackers Pro Series high precision resin.



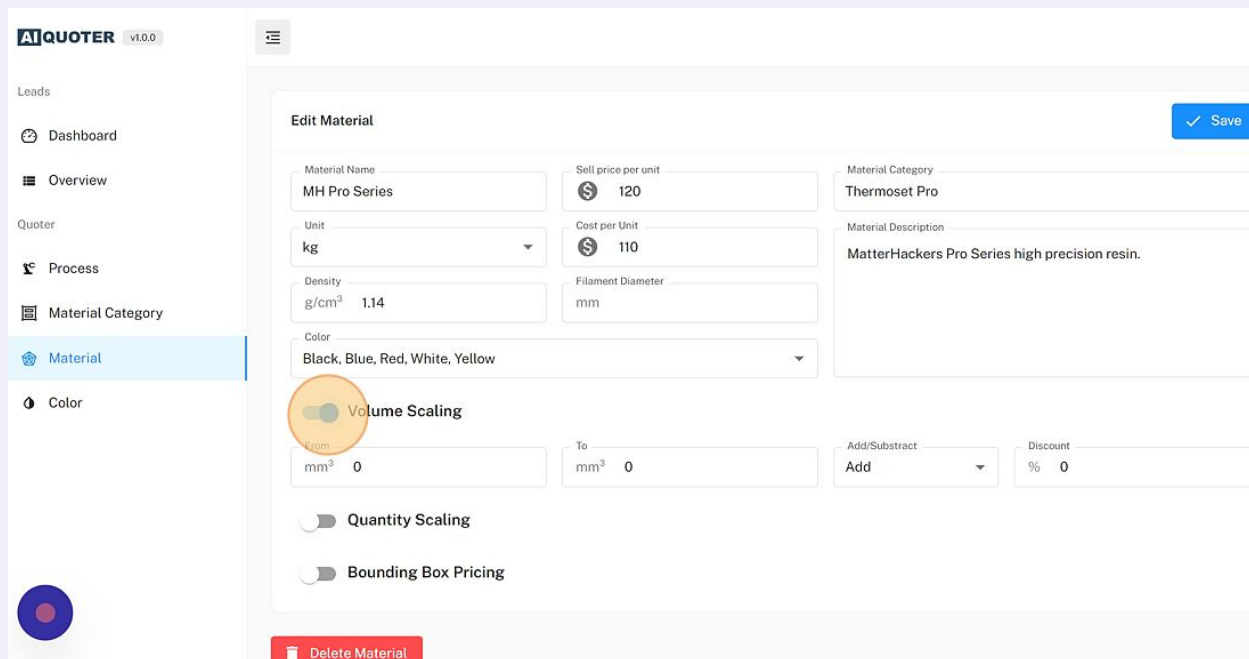
4 Open the dropdown menu to select which colors are available for this material.



5 The colors can be set up separately.



6 As in material category, you can also set a volume scaling for a specific material. This is quite advanced and in most cases not needed.



7

As in material category, you can also set a quantity discount/increase for a specific material. This is quite advanced and in most cases not needed.

Quoter

- Process
- Material Category
- Material**
- Color

Unit: kg

Density: g/cm³ 1.14

Color: Black, Blue, Red, White, Yellow

Cost per Unit: \$ 110

Filament Diameter: mm

Volume Scaling

Quantity Scaling

Bounding Box Pricing

Delete Material

8

As in the material category, you can also set a pricing rule in relation to the bounding box for a specific material. This is quite advanced and in most cases not needed.

AI QUOTER v1.0.0

Leads

- Dashboard
- Overview
- Quoter
- Process
- Material Category
- Material**
- Color

Edit Material Save

Material Name: MH Pro Series

Sell price per unit: \$ 120

Material Category: Thermoset Pro

Unit: kg

Cost per Unit: \$ 110

Density: g/cm³ 1.14

Filament Diameter: mm

Color: Black, Blue, Red, White, Yellow

Material Description: MatterHackers Pro Series high precision resin.

Volume Scaling

Quantity Scaling

Bounding Box Pricing

X larger than: mm 0

Y larger than: mm 0

Z larger than: mm 0

Add/Subtract: Add

Discount: %

Delete Material

9

Click "Save" to save your changes

The screenshot shows a web application interface for editing a material. At the top right, the user's name "John Paul" is displayed. The main form is titled "Edit Material" and contains the following fields and controls:

- Material Name:** Text input field containing "MH Pro Series".
- Unit:** Dropdown menu set to "kg".
- Density:** Text input field containing "g/cm³ 1.14".
- Color:** Dropdown menu set to "Black, Blue, Red, White, Yellow".
- Sell price per unit:** Text input field with a dollar sign icon and the value "120".
- Cost per Unit:** Text input field with a dollar sign icon and the value "110".
- Filament Diameter:** Text input field containing "mm".
- Material Category:** Dropdown menu set to "Thermoset Pro".
- Material Description:** Text area containing "MatterHackers Pro Series high precision resin."

Below the form, there are three toggle switches:

- Volume Scaling
- Quantity Scaling
- Bounding Box Pricing

At the bottom left of the form, there is a red button labeled "Delete Material". At the top right of the form, there are two buttons: "Save" (highlighted with a yellow circle) and "Cancel".