

FABULASER

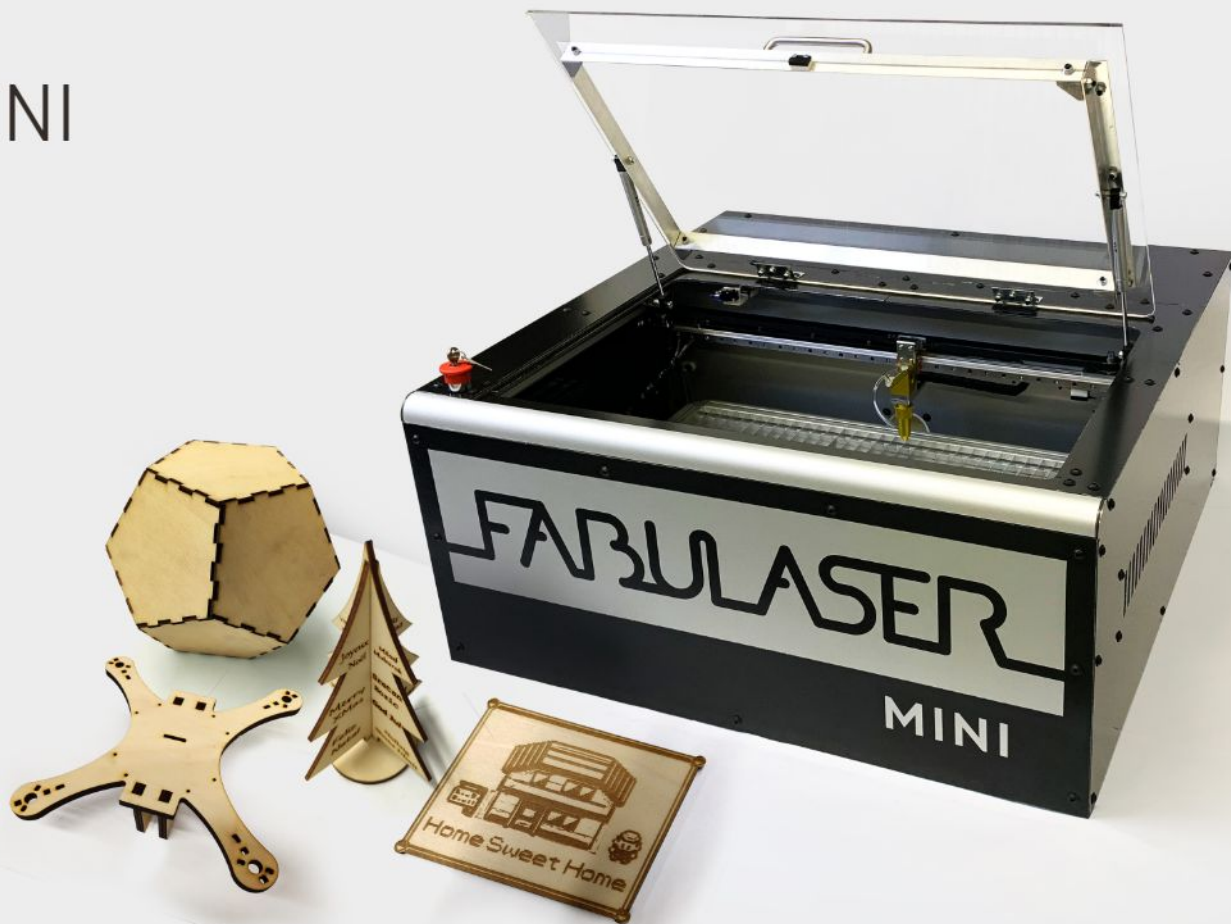
MINI

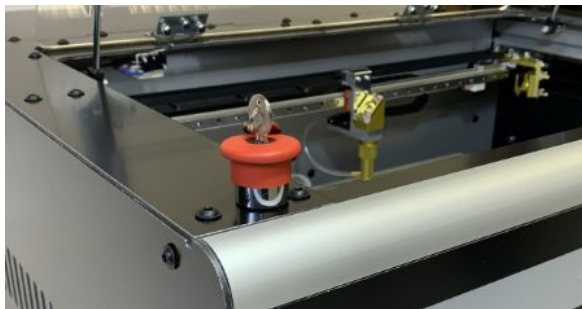
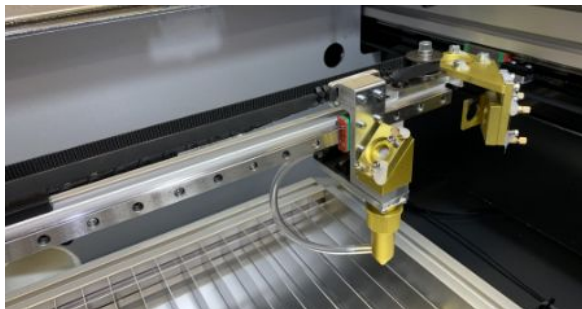
# FABULASER MINI

A LASER CUTTER

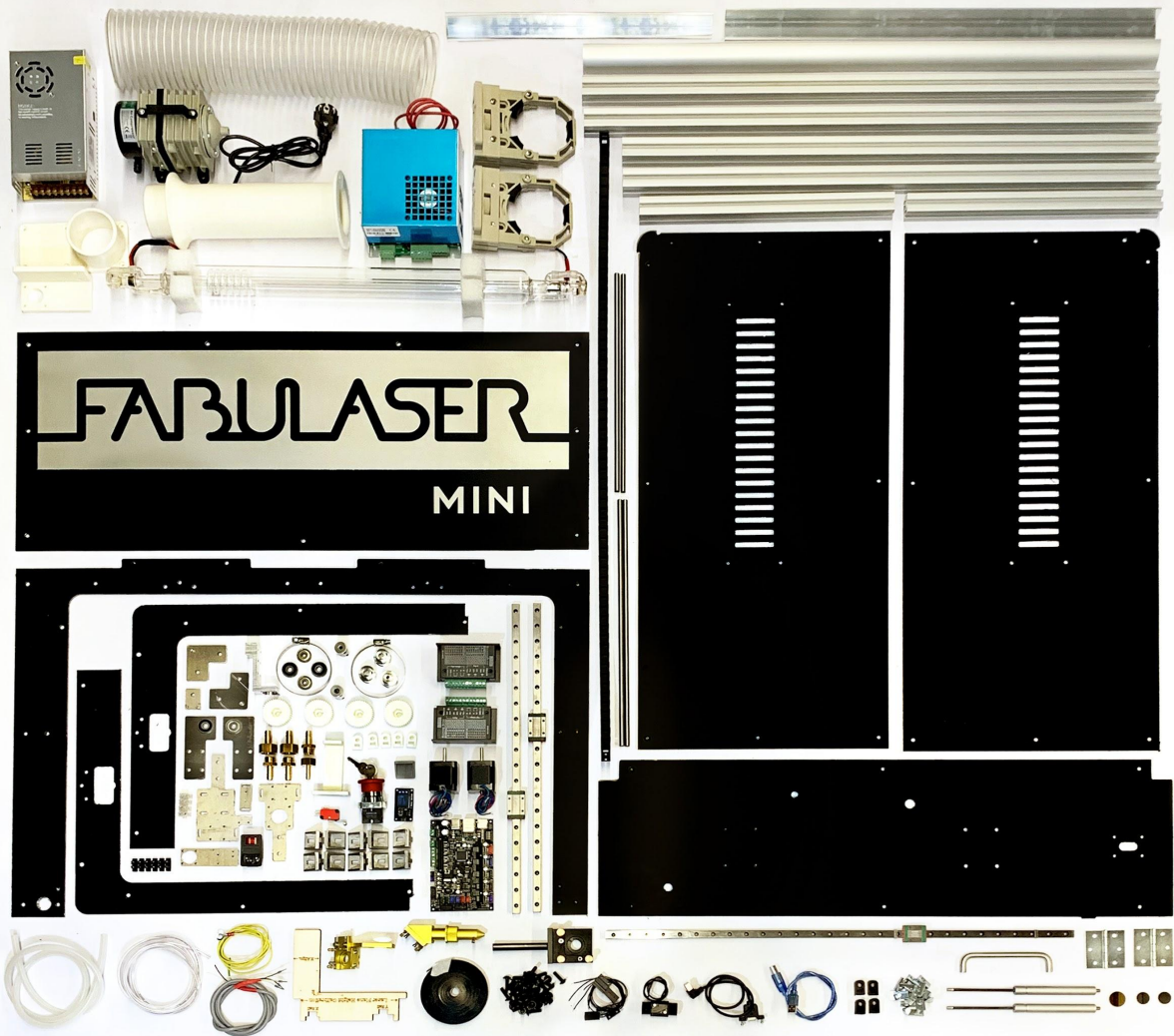
WITHIN YOUR REACH

[SEE SPECS](#)



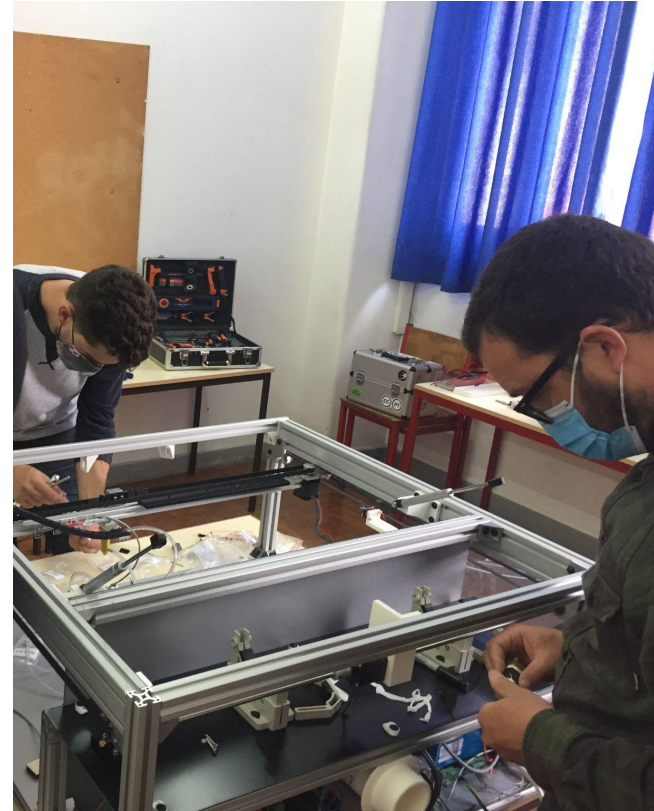


<b>Cutting Area</b>	600mm x 400mm
<b>Laser</b>	CO2 40W
<b>Materials</b>	Wood, Acrylic, Textile, Paper, Cardboard etc.
<b>Max Thickness</b>	8mm Acrylic / 6mm Plywood / 15mm Poplar
<b>Mechanics</b>	Industrial grade linear guides, profiles
<b>Resolution</b>	0.05mm
<b>Maximum speed</b>	400mm/s
<b>Housing</b>	fully enclosed aluminum composite
<b>Safety</b>	double interlock, water sensor, emergency button with key, magnetic switches
<b>Data Formats</b>	SVG, DXF, PNG, JPG, BMP etc.
<b>Machine dimensions</b>	870x810x380mm














 satshas	Update README.md	5cb53a6 2 days ago	🕒 21 commits
cad	added CAD files, converter PCB	2 days ago	
converterPCB	added CAD files, converter PCB	2 days ago	
firmware/24.10.2021	zipped firmware	2 days ago	
manual	added manual	2 days ago	
media	linked images	2 days ago	
settings	updated grbl defaults	2 days ago	
Fabulaser_V2.1_BOM.pdf	added BOM, firmware and updated readme	2 days ago	
LICENSE_CC_BY_SA_4.0.txt	added licenses	2 days ago	
LICENSE_CERN_OHL_W_V2.txt	added licenses	2 days ago	
README.md	Update README.md	2 days ago	

An open source laser cutter within your reach.

Readme

View license

## Releases 2

 **Fabulaser 2.21** Latest  
2 days ago

[+ 1 release](#)

## Packages

No packages published  
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## Languages

nesC 100.0%



README.md

## Fabulaser Mini





# HOW TO USE THIS MANUAL

This manual provides you a step by step guide on how to assemble the Fabulaser Mini laser cutter machine. It was developed to be visually instructive, with only necessary text support.

When the Step is complex, it is divided in substeps.

Colors are often used to aid and facilitate the identification of parts. If it is necessary to print this manual, make sure to print it color. It is recommended to use it digitally for environmental care.

Please read the Safety Instructions before starting the assembly.

It is also recommended to read the How-to Section when instructed in each Step to facilitate the assembly process.

Start each step or substep by separating the necessary parts and tools. Then, read the Remarks and How-tos, since they contain important information regarding the step. After that you can start assembling by following the main image and Detail Bubbles.

Step and Substep number and title

Remarks - important text instructions. Read them before starting the step assembly.

How-to - Refers to the How-to Section of this manual. It contains assistance and tips.

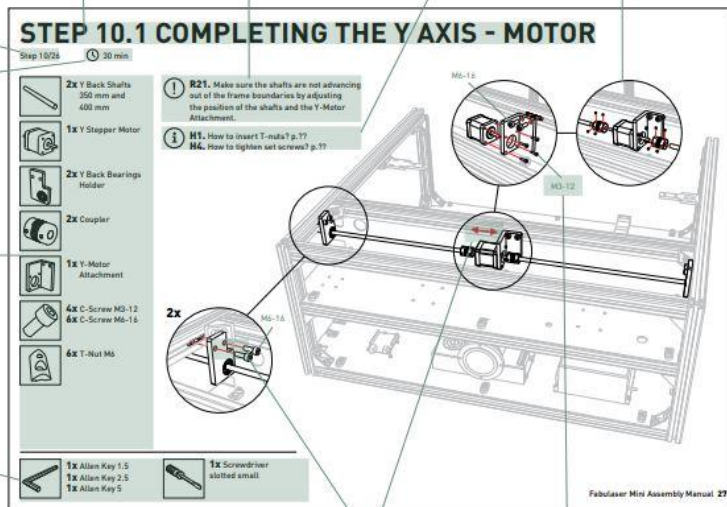
Detail Bubbles are visual assistants of a detail in the main image. It contains a detailed explanation of the pointed part or a illustration of a Remark.

Assembly progress

Estimated time to complete the step or substep

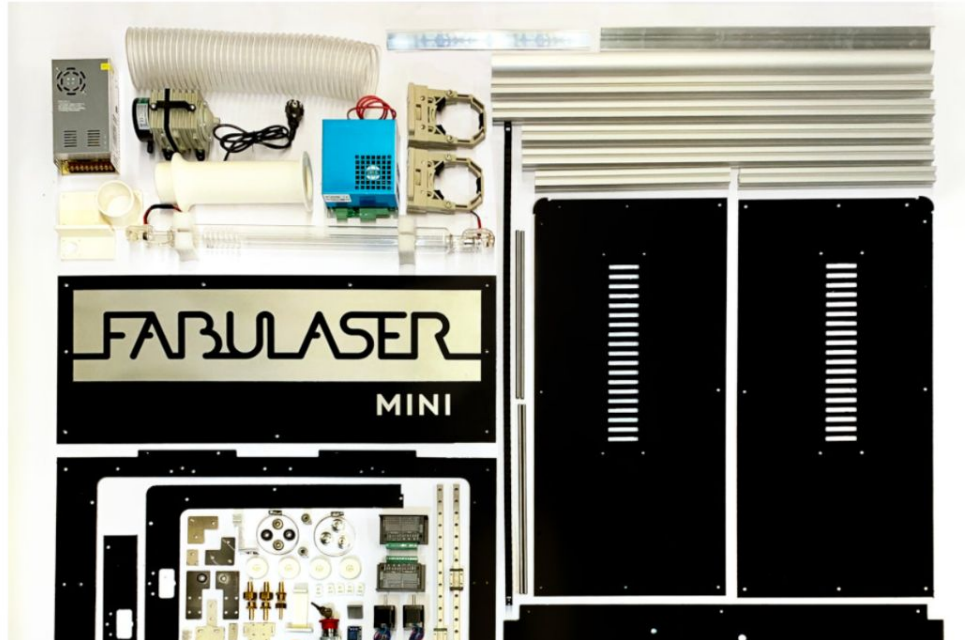
List of parts necessary for this step/ substep

List of tools necessary for this step/ substep



# Fabulaser Mini Workshops 2021 @ Fab City Hamburg

This section of the starter kit is dedicated to the Fabulaser Mini workshops that will take place for Fab City Hamburg in November 2021.



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Description and goals

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Access requirements

Dates, schedule and agenda

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Thanks

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