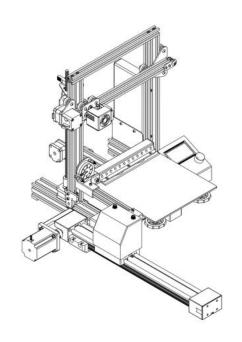


USER MANUAL

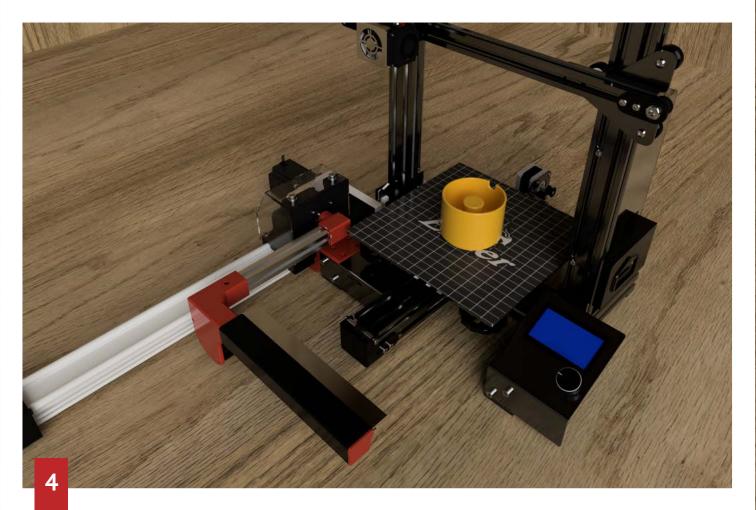
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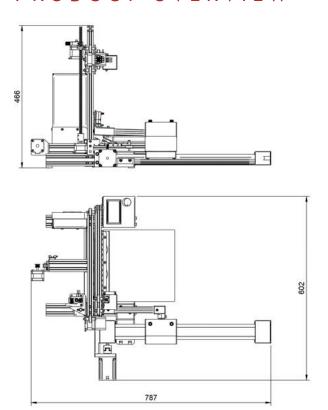


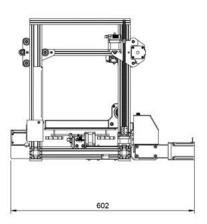
INTRODUCTION





PRODUCT OVERVIEW





General Description

Assembly of 3D APR, IGUS DLE and Creality Ender 3 Pro Includes all necessary components (aside from 3D Printed parts) 3D Printed parts in ABS Plastic

Technical Specifications

General Dimensions: 466x787x602 ⋈[mm]

Weight: 10.3 **⊠**[kg]

Stepper Motor Torque: 0.53 ⊠[Nmm] Stepper Motor Power: 0.2 ⊠[W] 5015 Fan Airflow: 8.5 ⊠[L/s]

Input Voltage: 220 ⊠[V]

Linear Actuator Model: IGUS DLE-FG-0003

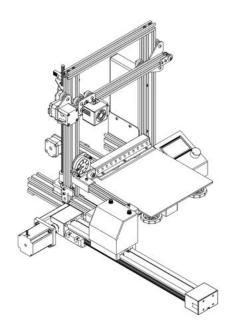
Maintenance

Clean all components with a soft rag with no abrasives or solvents

European Legislation

CE 85/374/CEE 2004/48/CE

UNE-EN- ISO/ASTM 17296-3:2017

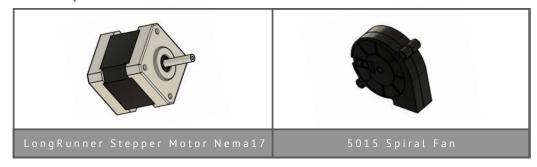


PACKAGE LIST

Structural Components



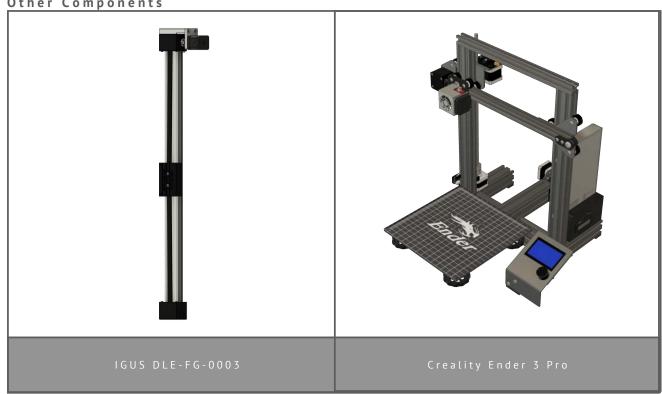
Electronic Components



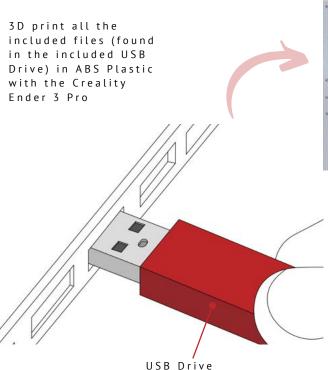
Fasteners

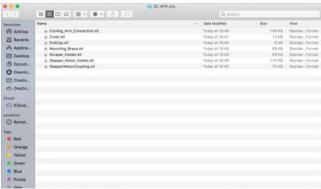


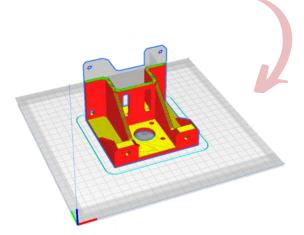
Other Components



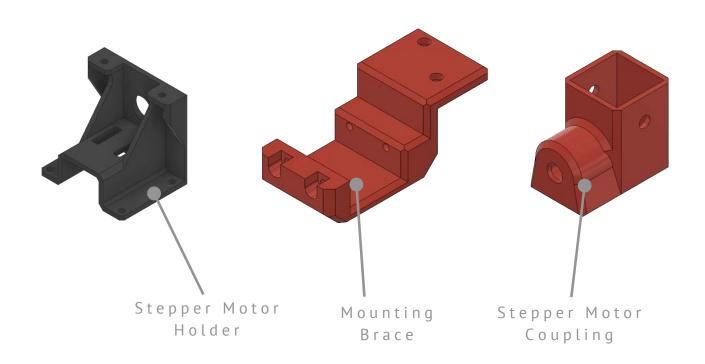
ASSEMBLY







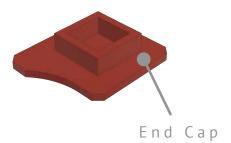
Parts that need to be 3D printed:

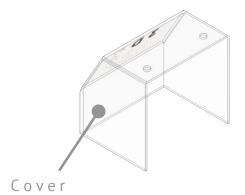




Cooling Arm Connection

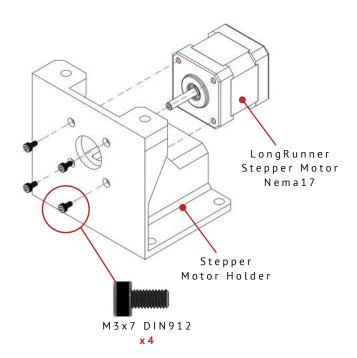


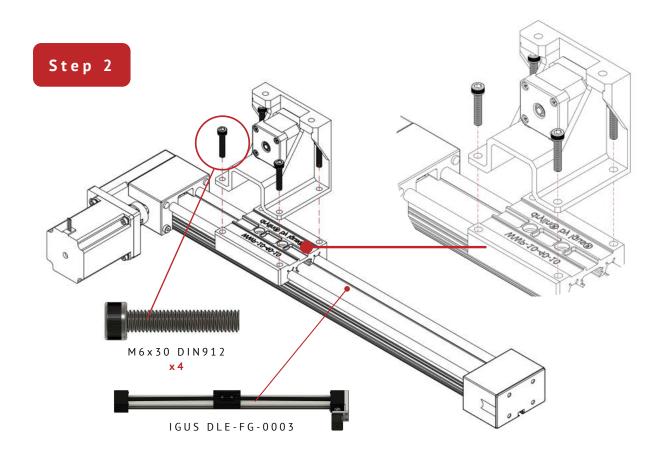


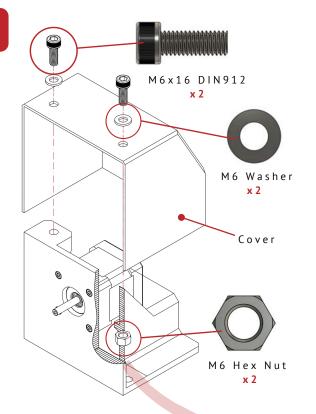


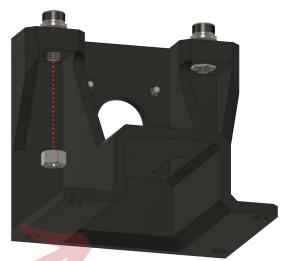


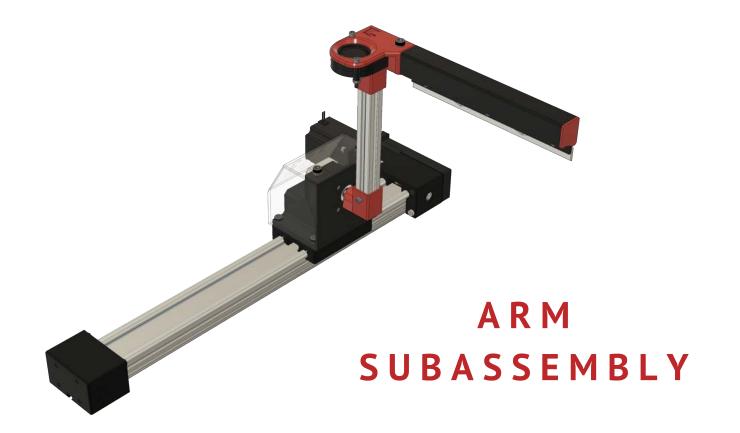


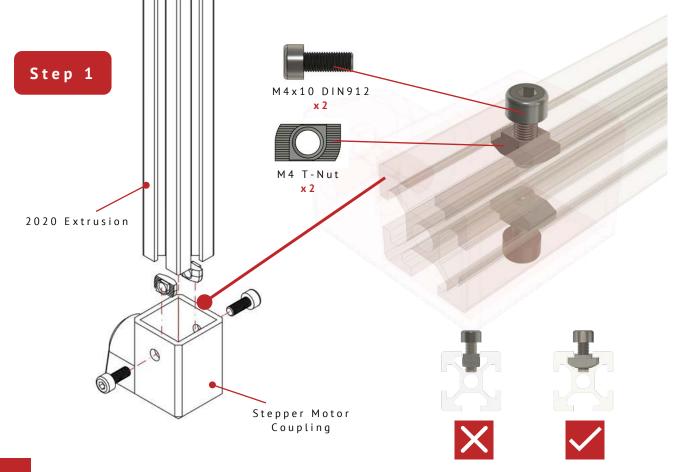


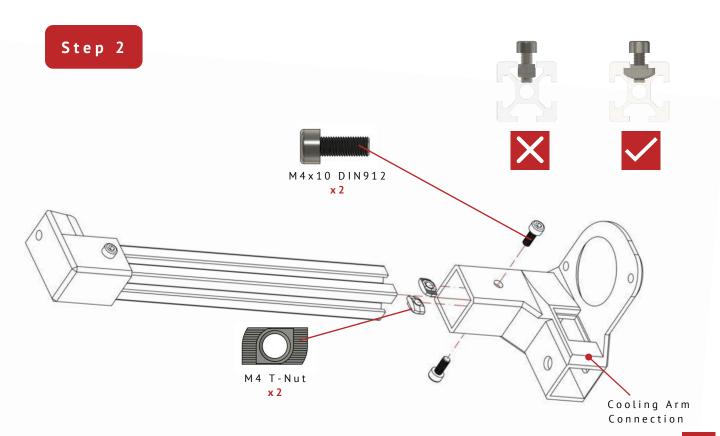


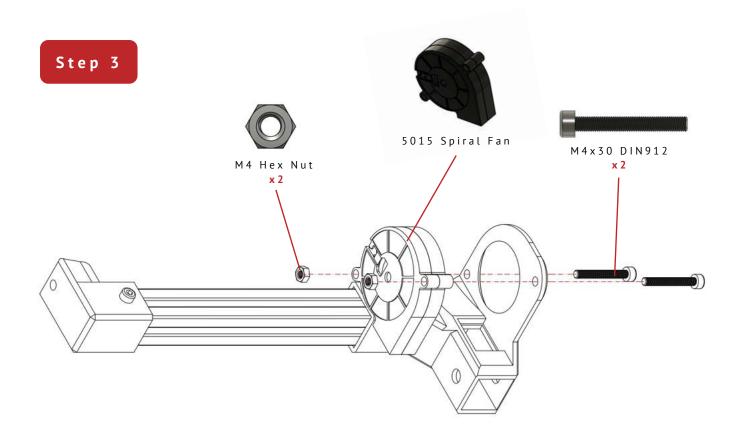


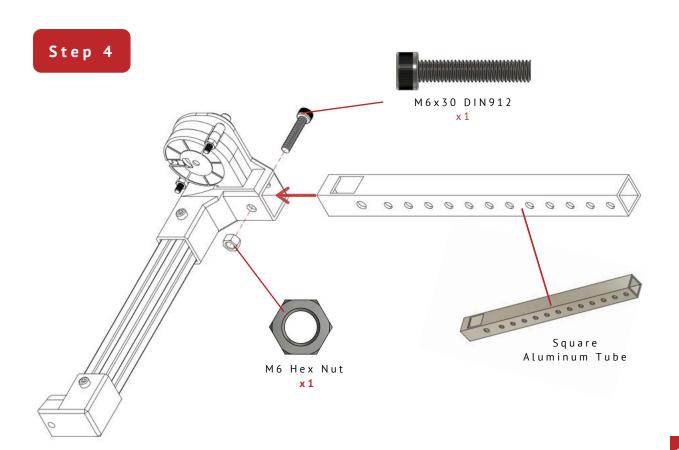


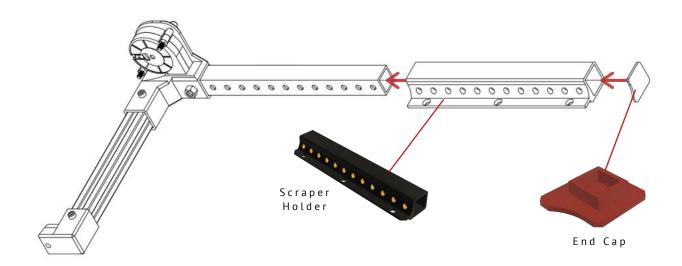


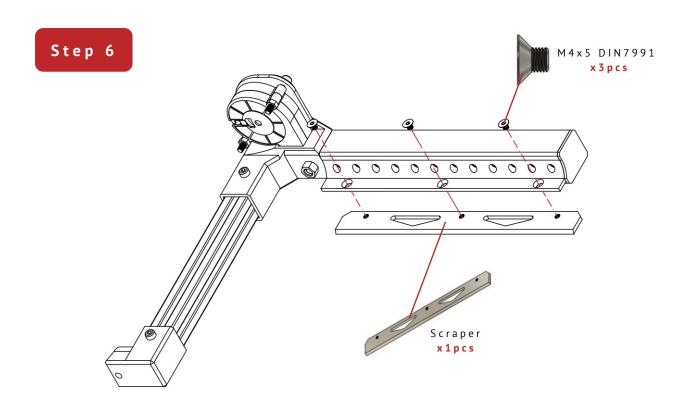


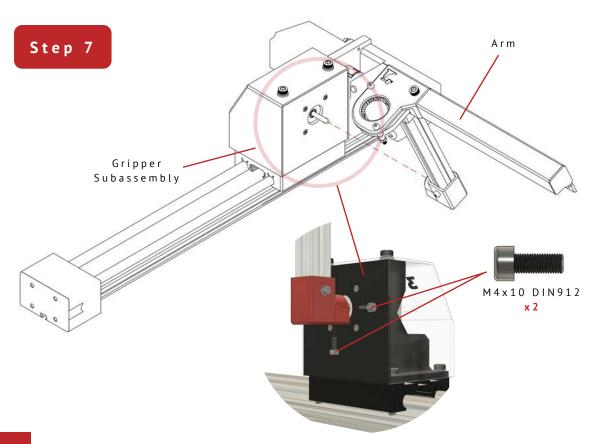






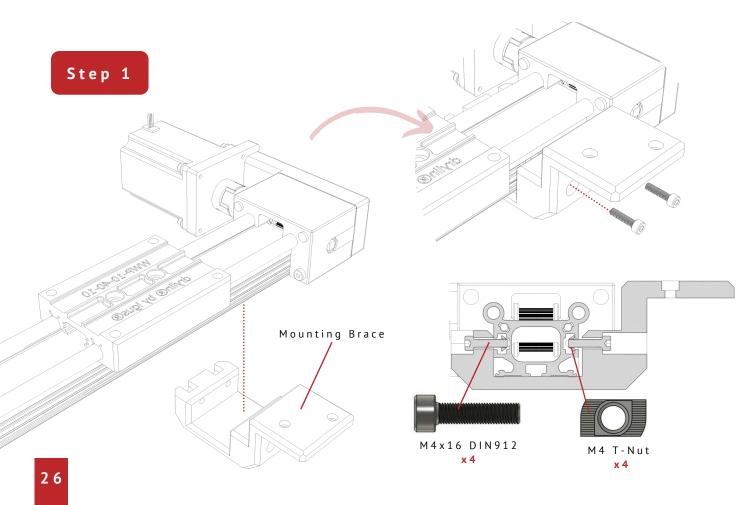


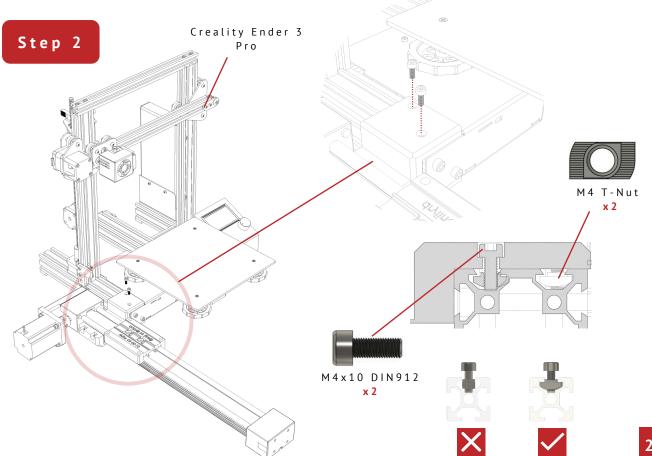




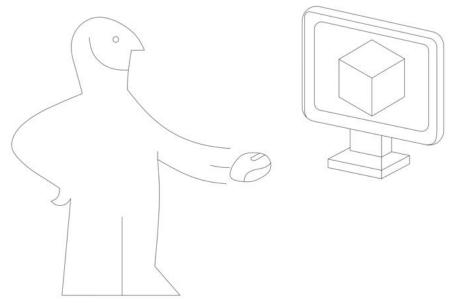


ENDER 3 SUBASSEMBLY

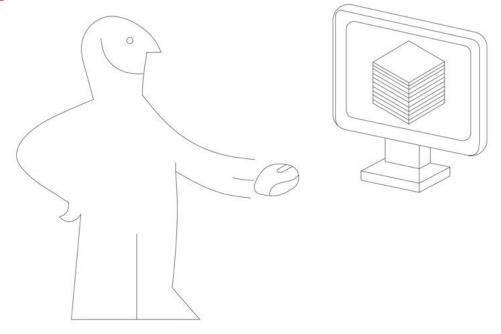




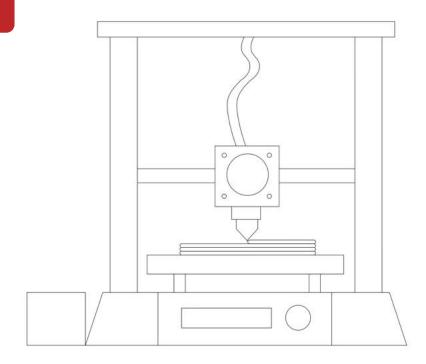
OPERATION



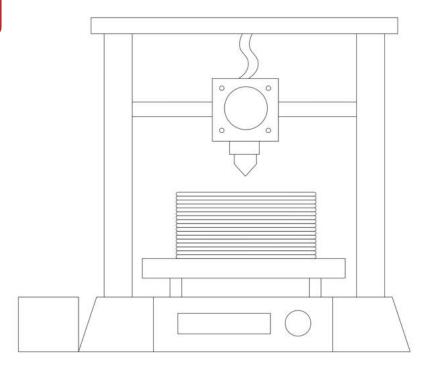
Design your piece in your preferred CAD software



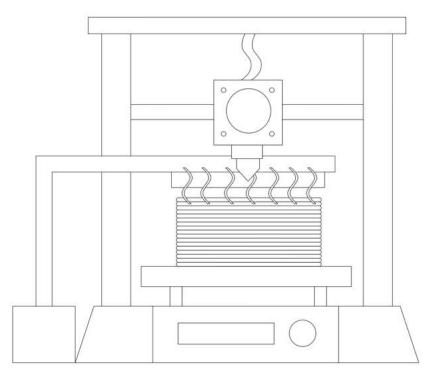
Slice the designed part using your preferred slicing software



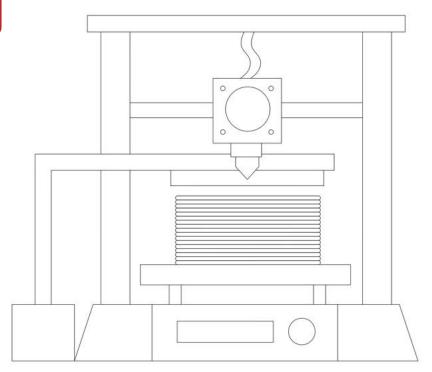
Start 3D Print using Creality Ender 3 Pro 3D Printer



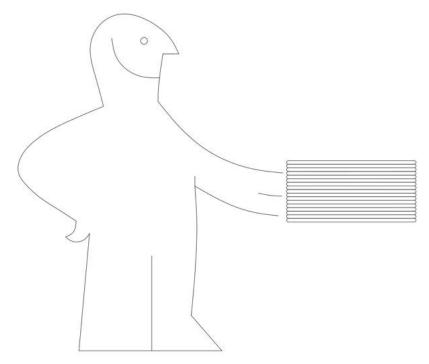
Wait for print to finish



3D APR will commence the cooling process by activating the 5015 Spiral Fan and performing 3 cycles



The piece is extracted using the linear movement of the $$\operatorname{actuator}$$



Pick-up the extracted piece

COMPANION APP

This companion app tells the user how much time is left before the print taking place finishes and the amount of prints it has already done.





Create a username and a password



Enter and set-up your 3D Printer(s)

TROUBLESHOOTING

Q&A support team is on standby and ready to help you with any problems you may have with your 3D APR kit. If the issues or questions are not covered in this User Manual, you can seek for solutions on our official website or contact us via email.

The Q&A support team can be reached by e-mail between the hours of 8:00 a.m. to 5:00 p.m. (PST) Monday through Saturday. In case you contact us during off-duty time, your inquiry will be answered the following business day.

Official Website: www.q&a.com

Email: support@q&a.com

ADD: ELISAVA, La Rambla, 30, 32, 08002 Barcelona

Find Us Socially: Facebook (@3DAPR) Instagram (@3DAPR) Twitter (@3D_APR)

When contacting support, please have your serial number ready.