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BAMBU LAB H Series – SINGLE PIPE

A SMART, BUDGET-FRIENDLY WAY TO MANAGE PURGE WASTE FROM YOUR 3D PRINTER—WITHOUT BUYING DRAWERS OR INSTALLING COMPLEX MODS.

THIS SOLUTION ALLOWS YOU TO RUN LONG MULTICOLOR PRINTS WITHOUT WORRYING ABOUT PURGE DISCHARGE. ALL WASTE IS EFFICIENTLY GUIDED THROUGH THE PIPE AND COLLECTED DIRECTLY INTO A TRASH BIN POSITIONED UNDERNEATH.

NO COMPLICATED UPGRADES. NO EXPENSIVE ADD-ONS. JUST A CLEAN, PRACTICAL, AND EFFECTIVE SYSTEM THAT KEEPS YOUR WORKSPACE ORGANIZED AND YOUR PRINTER RUNNING SMOOTHLY.

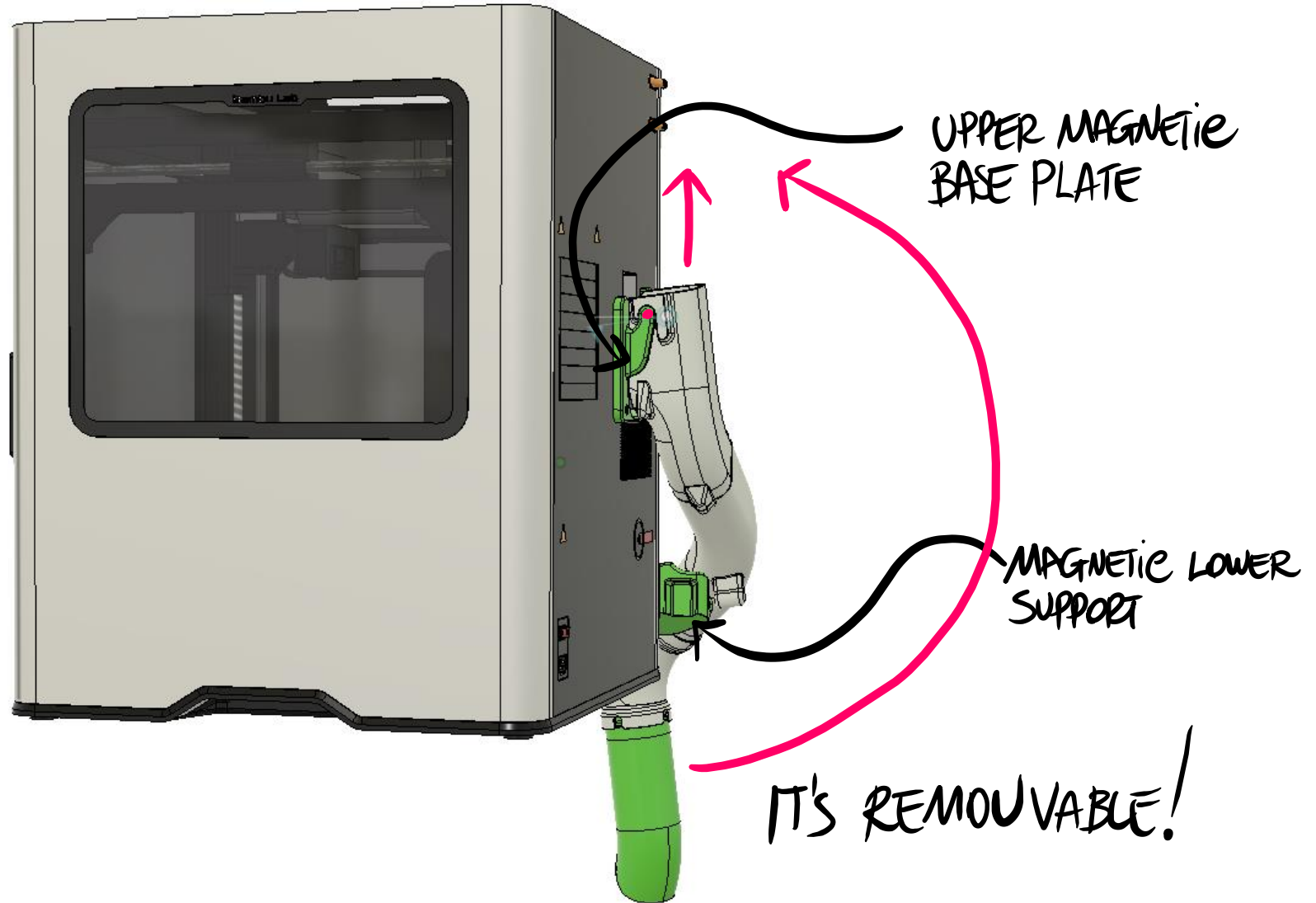
PERFECT FOR MAKERS WHO WANT A RELIABLE WASTE MANAGEMENT SETUP WITH MINIMAL COST AND ZERO HASSLE.



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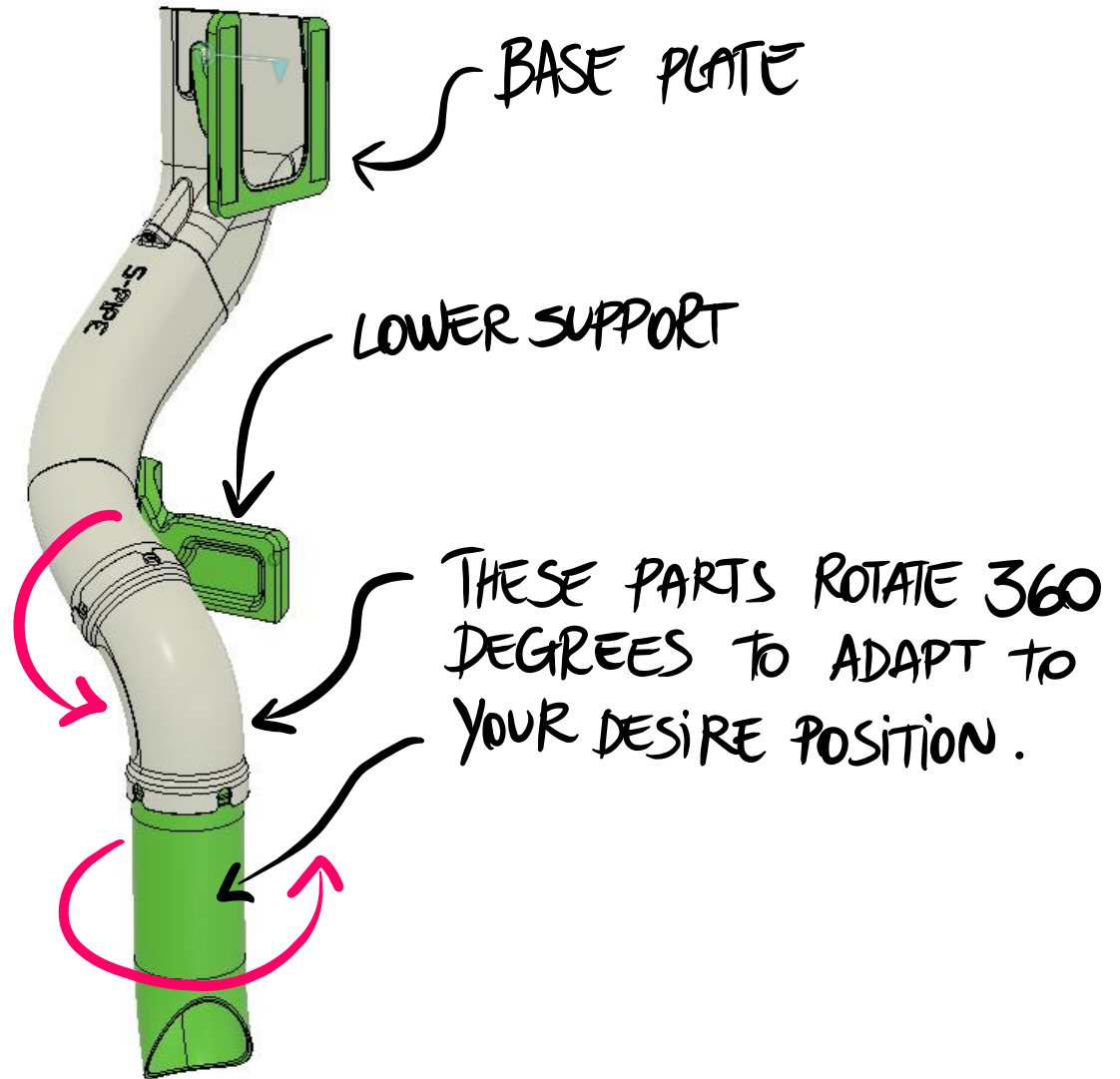
KEY CARATERISTICS

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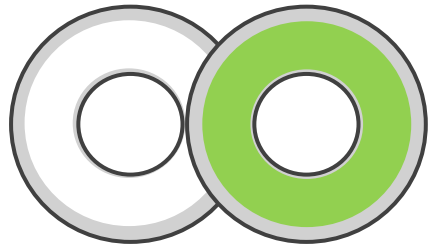
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B.O.M.

FILAMENTS

PETG PETG



410G 180G

PRINT TIME

6H 27M

REQUIRED HARDWARE:



SCREW M14 x 14mm 2 UNITS



MAGNET 8x2 mm 6 UNITS

DOUBLE SIDE TAPE 30 cm

20mm x 2mm



FOLLOW THESE SIMPLE TIPS AND YOU'RE GOLDEN:



1. STICK WITH REGULAR PETG

USE STANDARD PETG, AND SKIP THE HIGH FLOW (HF) STUFF. HF MIGHT SOUND COOL, BUT IT CAN'T HANDLE HEAT AS WELL, AND THAT CAN MESS WITH YOUR PRINT'S DURABILITY. YEAH, REGULAR PETG IS SHINIER — I GET IT — BUT HERE'S A TRICK: SPRAY IT WITH A MATTE CLEAR COAT LIKE I DID. BOOM! PROBLEM SOLVED.



2. DON'T USE PLA FOR SUPPORTS

IF YOU ARE USING A SINGLE NOZZLE PRINTER WITH A COLOR CHANGE SYSTEM, VOID USING PLA AS SUPPORT MATERIAL. SERIOUSLY. EVEN IF YOU SWITCH FILAMENTS, LEFTOVER PLA IN THE NOZZLE CAN MESS WITH LAYER ADHESION, AND THAT'S NO FUN. AND DON'T STRESS — THE SUPPORTS COME OFF EASY, I PROMISE. **YOU GOT THIS.**



3. KEEP IT SLOW AND STEADY

RESIST THE URGE TO CRANK UP THE PRINT SPEED. GOING TOO FAST CAN LEAD TO WEIRD-LOOKING CORNERS AND WARPED PARTS. STICK TO STANDARD SPEED — YOUR PRINT WILL THANK YOU.

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4. USE A GRIPPY PRINT BED

THESE PARTS ARE ON THE BIGGER SIDE, SO BED ADHESION IS EVERYTHING. MAKE SURE YOUR BUILD PLATE'S GOT A GOOD GRIP TO AVOID WARPING OR LIFTING. TRUST ME, A SOLID FIRST LAYER MAKES ALL THE DIFFERENCE.

SLICER PRINT SETTINGS:

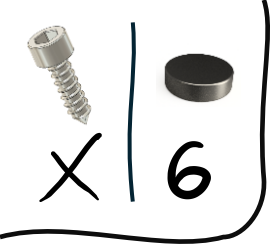
WALL LOOPS = 2
TOP SHELL = 2
BOTTOM SHELL = 2

SPARSE INFILL = 9%
INFILL PATTERN = GYROID

SUPPORT TYPE = TREE OR NORMAL/MIXED

DIFFERENT PARTS = DIFFERENT STRENGTH
(PERIMETERS, INFILL AND SUPPORTS MIGHT VARY, HOWEVER, ALL THE PROPER CONFIGURATIONS SHOULD BE INCLUDED IN THE PRINT FILE!)

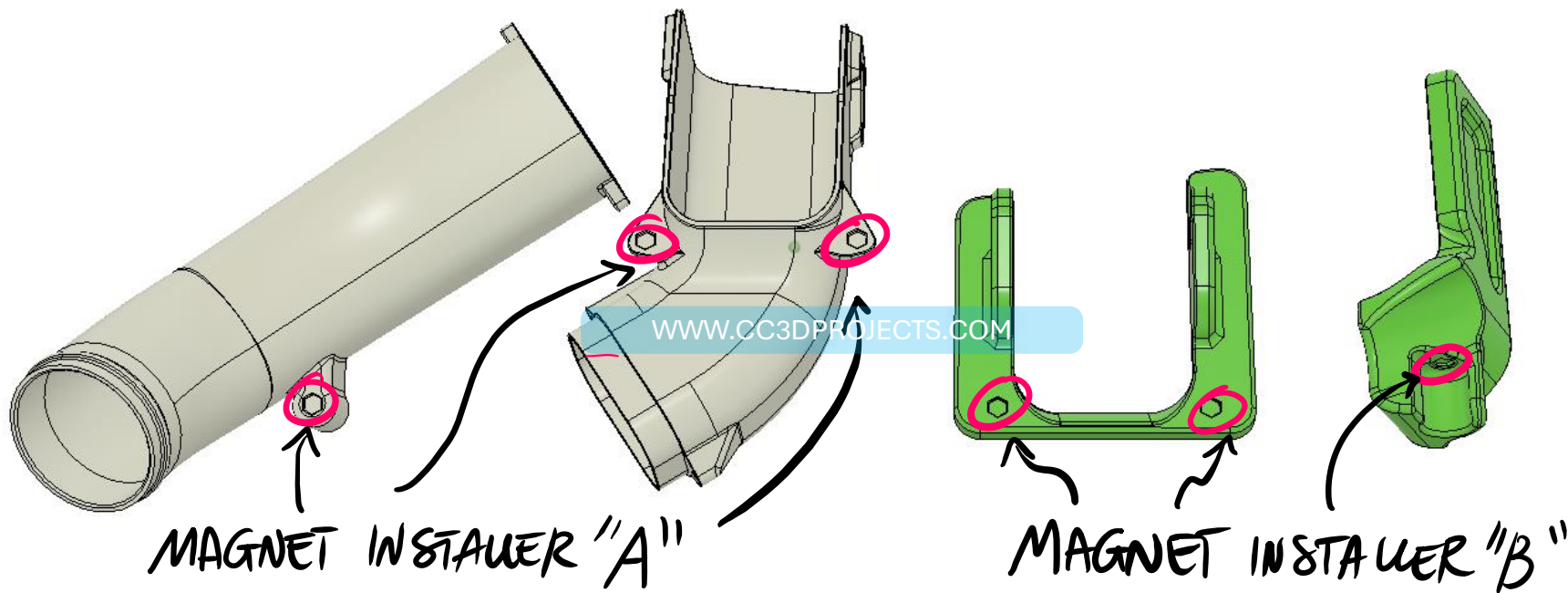




PIPE PREPARATION

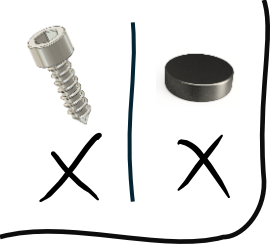
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LET'S START GLUING THE MAGNETS FIRST!



AS ALWAYS, YOU CAN DOWNLOAD THE MAGNET INSTALLERS FOR FREE FROM MY SHOP.

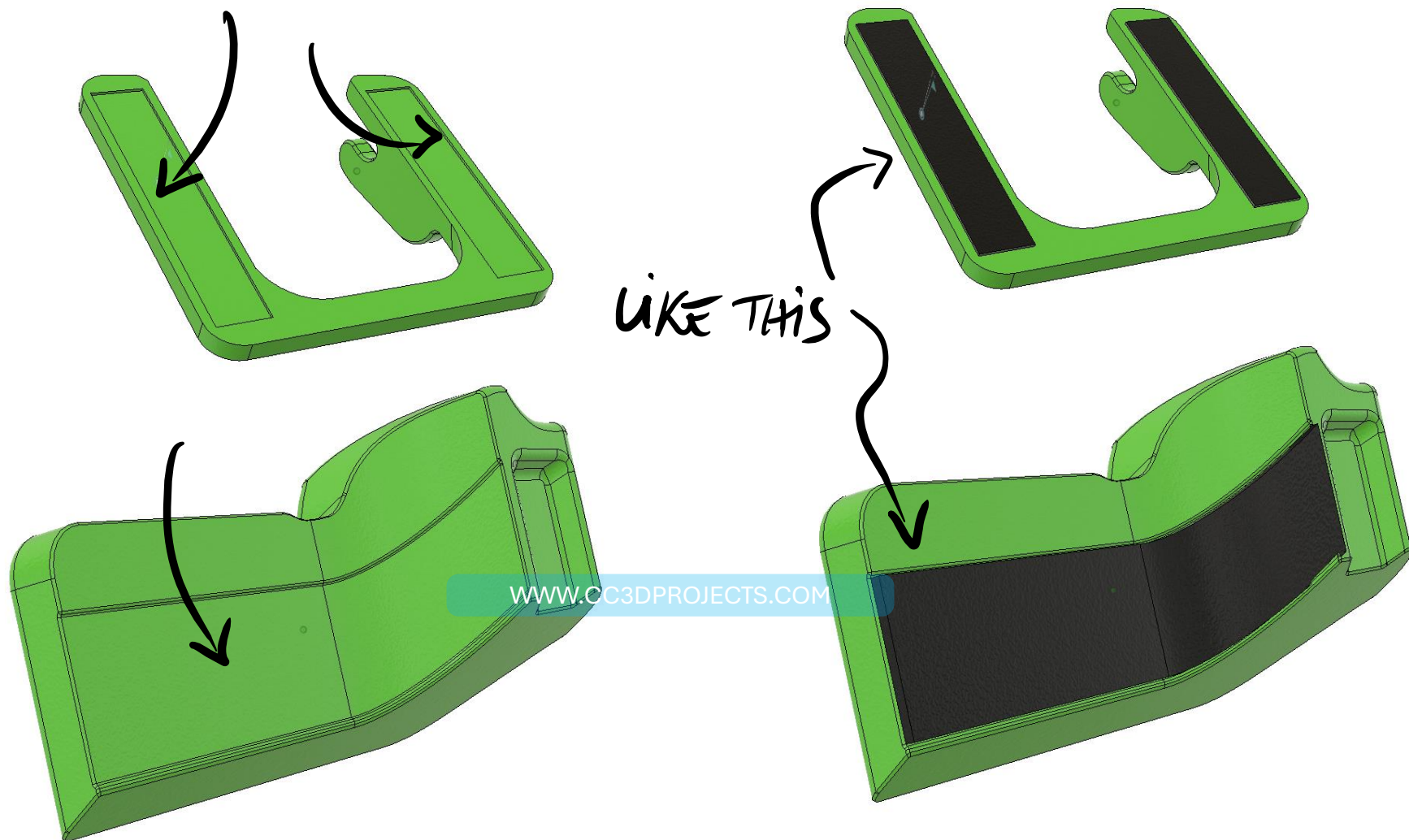


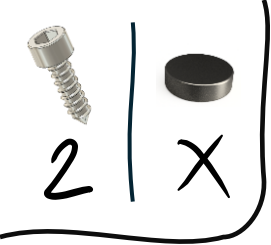


PIPE PREPARATION

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NOW IT'S TIME FOR THE DOUBLE SIDE TAPE





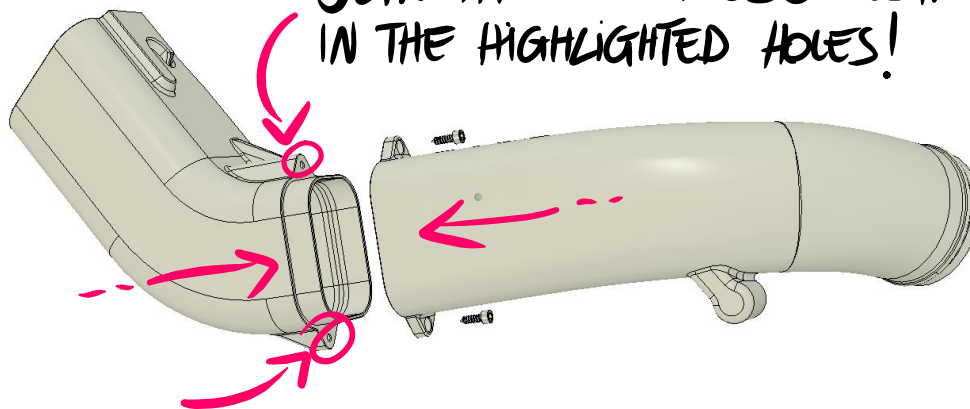
PIPE ASSEMBLY

BAMBU H SERIES SINGLE PIPE

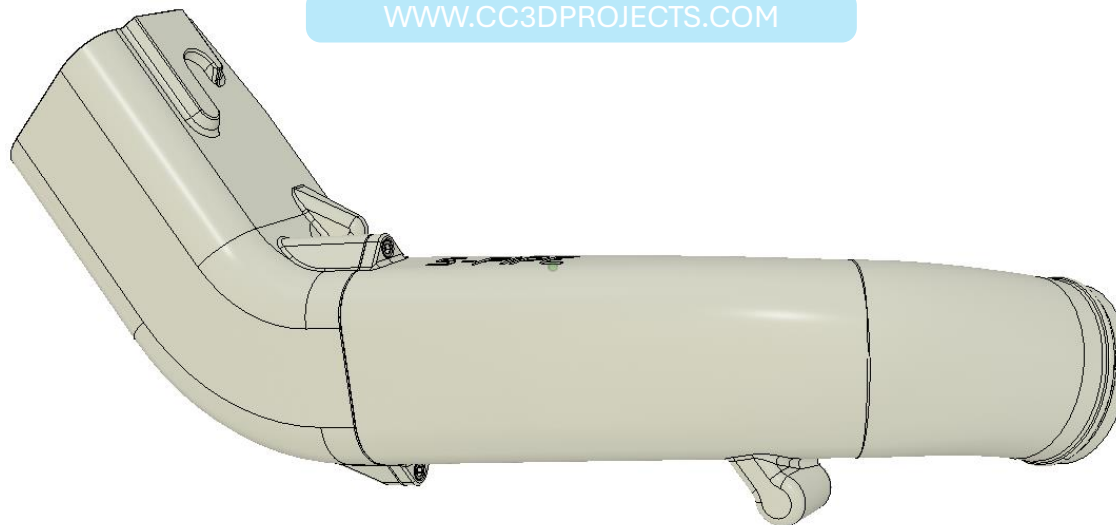


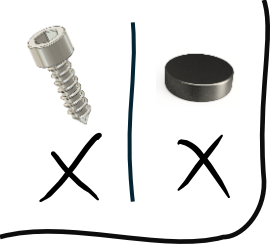
NOW IT'S TIME FOR THE MAIN PIPE...

JOIN THE TWO PIECES USING THE SCREWS IN THE HIGHLIGHTED HOLES!



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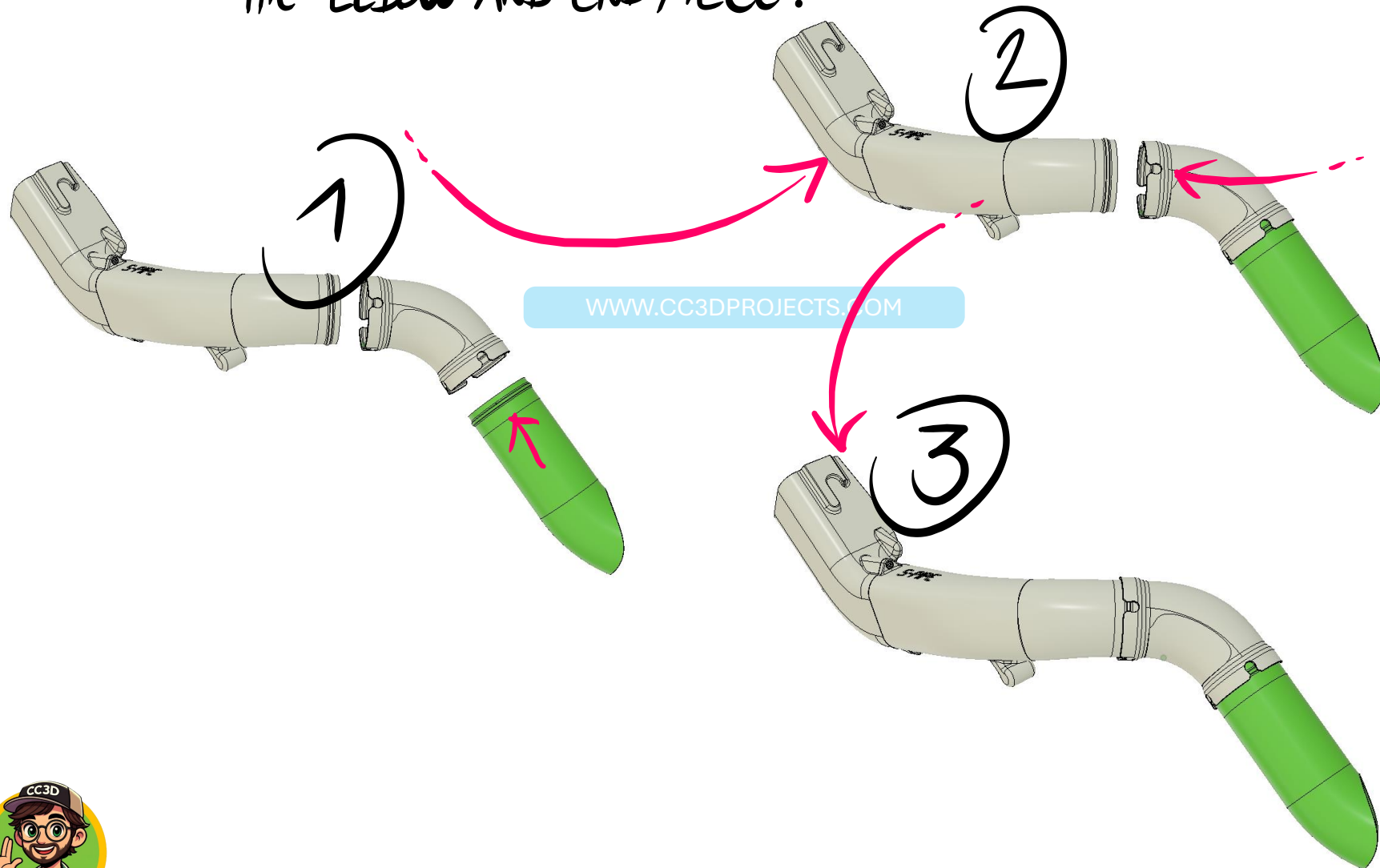


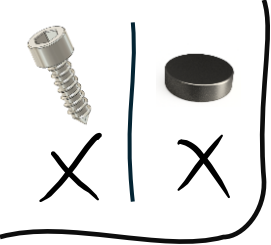
PIPE ASSEMBLY

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LET'S ASSEMBLE THE COMPLETE PIPE, INCLUDING THE ELBOW AND END PIECE.





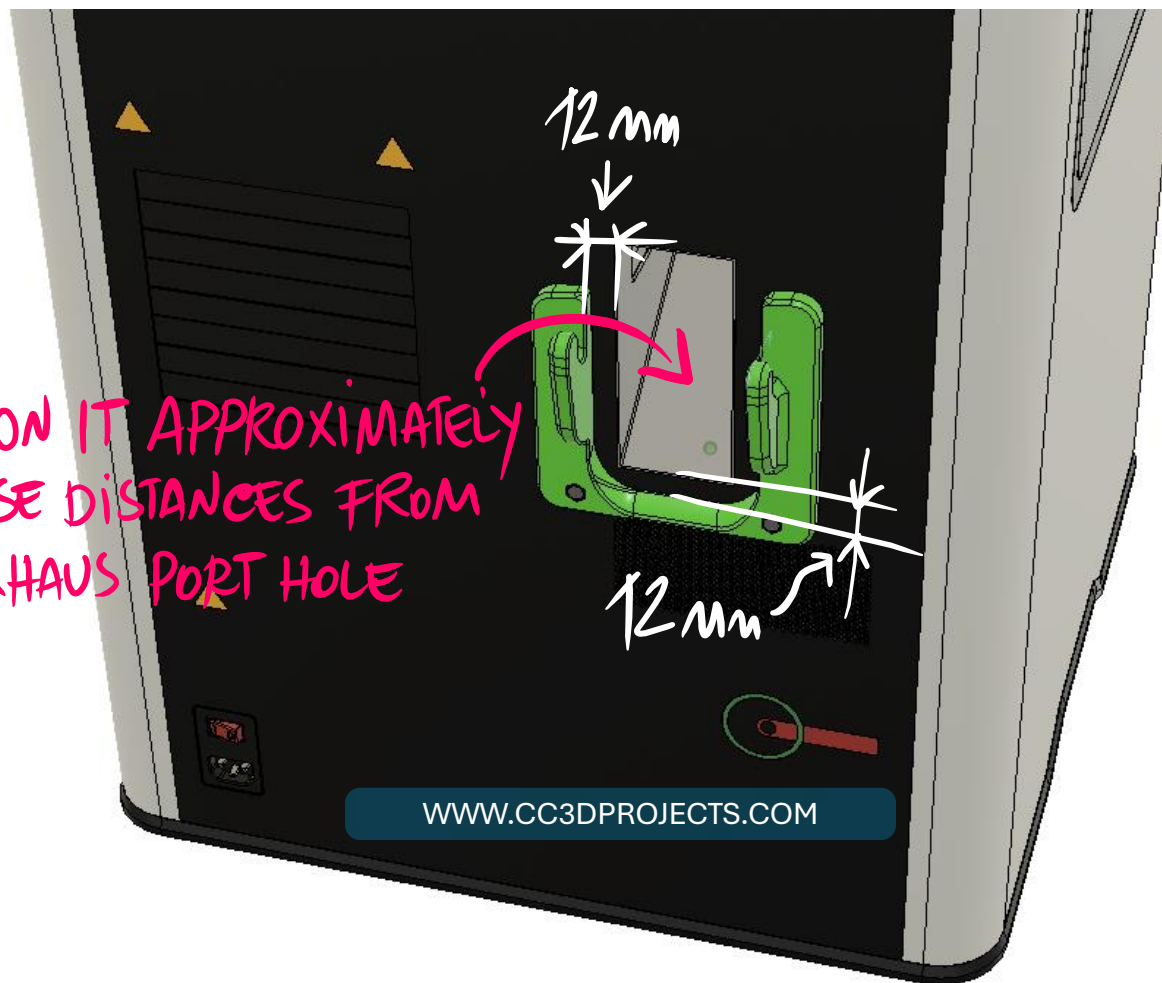
PIPE ASSEMBLY

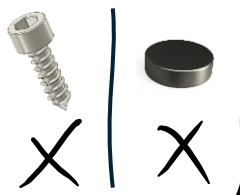
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LET'S ATTACH THE BASE PLATE TO THE PRINTER.

POSITION IT APPROXIMATELY
AT THESE DISTANCES FROM
THE EXHAUS PORT HOLE



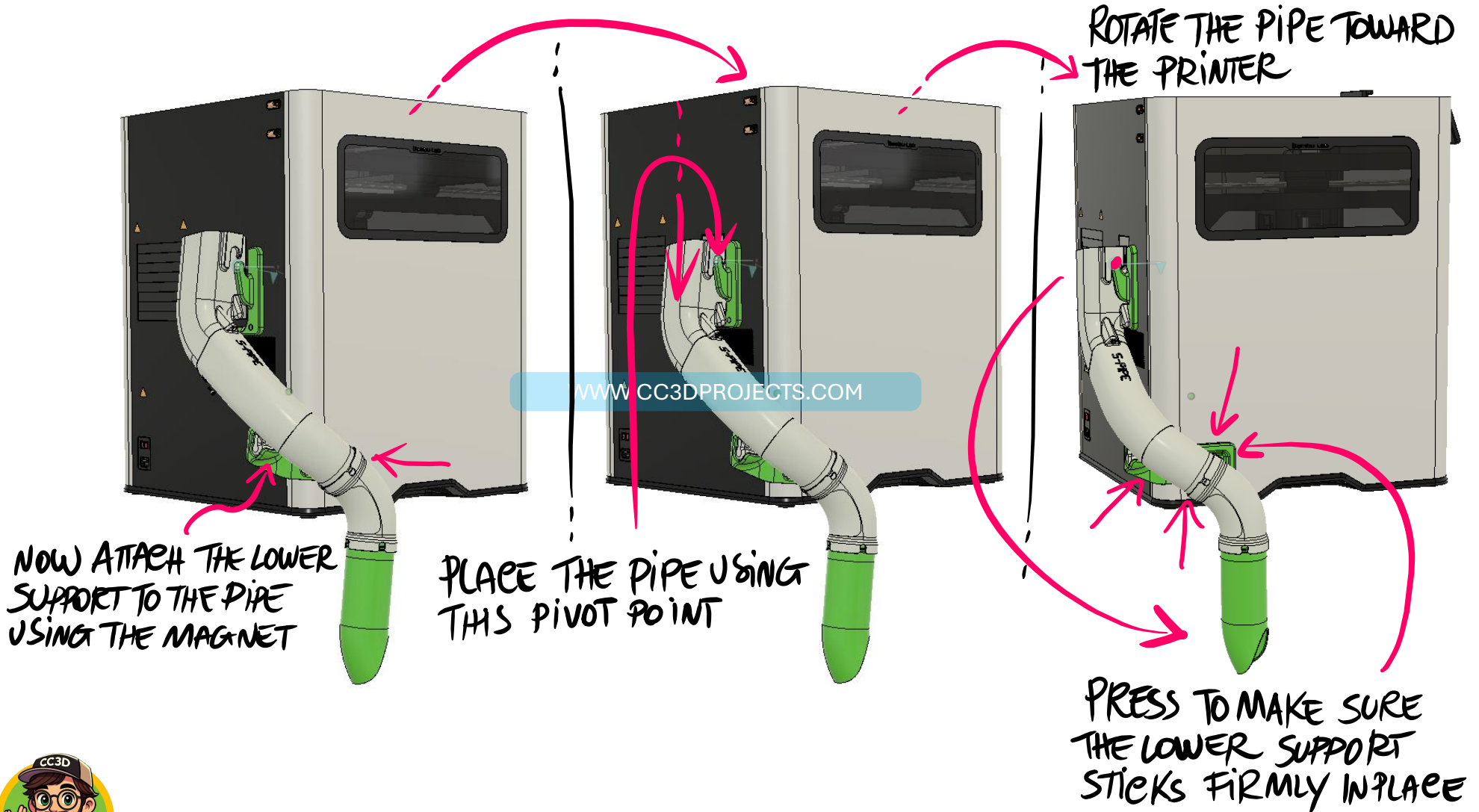


PIPE ASSEMBLY

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LET'S FINISH ATTACHING THE LOWER PIPE SUPPORT



ALRIGHT, LOOK LIKE YOU MADE IT TO THE END!
 BUUT, IF YOUR RESULT DOESN'T LOOKS KINDA LIKE THIS...
 ... MY FRIEND ...

WHAT ARE YOU DOING WITH YOUR LIFE? 😊
 SERIOUSLY THOUGH...

JUST HIT ME UP, WE'LL FIGURE OUT
 WHAT WENT WRONG!!

BUT

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IF YOU ARE PROUD OF WHAT YOU BUILD
 (AND YOU SHOULD BE) ...

... WELL ...

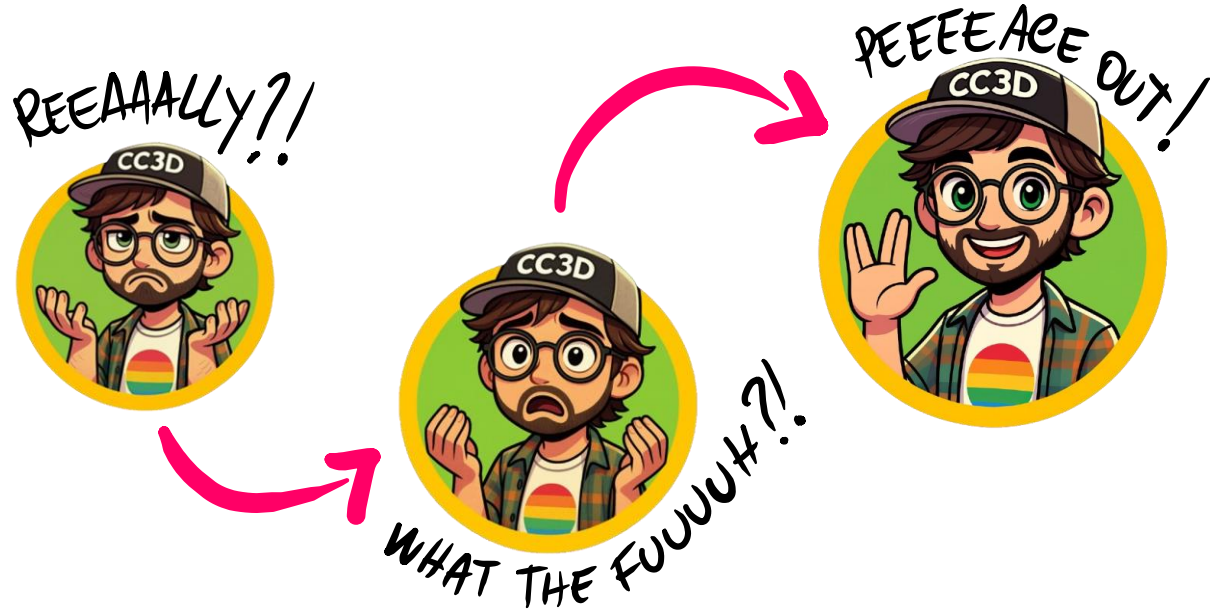
...HOW ABOUT SNAPPING A COUPLE
 OF PICS AND TOSSING THEM ONLINE?

MAYBE TAGGING ME?

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THANKS
 Enrico

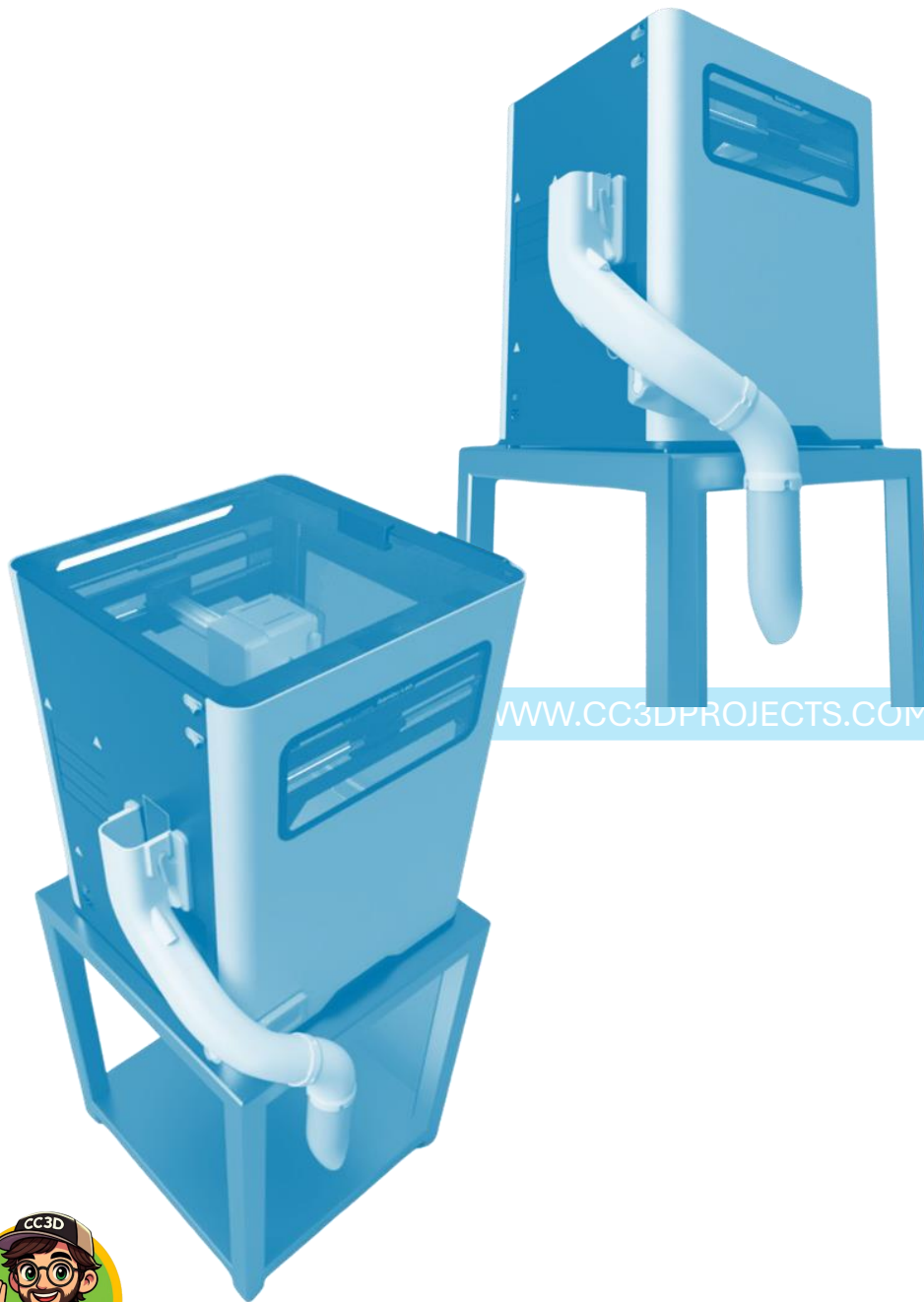




THANKS FOR STICKING WITH ME THROUGH THIS ASSEMBLY GUIDE
 IT TOOK ME HOURS TO PUT THIS GUIDE TOGETHER, I TRULY HOPE YOU LIKE IT!
 IF THERE'S ANYTHING I CAN DO BETTER, PLEASE LET ME KNOW!
 I'M ALWAYS HERE TO HELP AND IMPROVE MY WORK AND MY MODELS!

CIAO
 Enrico





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