

SOFTWARE & TOUCH SCREEN PANEL USER MANUAL

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PRINTING WORK FOW



THIS MANUAL FOCUSES ON THE WORK FOW OF 3D FLE PREPARATION AND PRINTING SETTING



1. GET 3D FLE (*.STL) FROM a. CAD b. 3D scanner



2.3D FLE PREPARATION A. REPAIR 3D FLE B. BUILD SUPPORTS C. SLICE (LAYER THICKNESS)



- 3. PRINTING SETTING
- A. MATERIAL SELECTION
- B. TILT SPEED
- C. PRINTING OPTIMIZATION



- 4. AFTER PRINTING
- A. POST CURING
- **B.** REMOVE SUPPORTS
- C. GRINDING (OPTIONAL)



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SYSTEM REQUIREMENTS FOR USING UTILITY

THESE ARE THE BASIC REQUIREMENTS FOR USING UTILITY ON A PC. IF YOUR DEVICE DOES NOT MEET THESE REQUIREMENTS, YOU CAN STILL INSTALL UTILITY, BUT MAY NOT HAVE THE GREATEST EXPERIENCE WITH UTILITY.

OPERATING SYSTEM:	WINDOWS 10
CPU:	INTEL CORE 17 OR ABOVE
RAM:	8 GB OR ABOVE
HARD DRIVE SPACE:	250 GB SSD OR ABOVE
GRAPHIC CARDS:	DEDICATED GRAPHICS 2GB OR ABOVE ; SUPPORT OPEN GL 3.3 OR ABOVE
BROWSER:	Use Google Chrome only
WIFIDONGLE: (Optional)	ADVANCE SERIES/ PROFESSION SERIES / PRIME SERIES / HYPER SERIES SUGGEST TO USE WITH D-LINK DWA-127 WIRELESS NETWORKING ADAPTER.
	ULTRA SERIES SUGGEST TO USE WITH EW-7811UN Other brand and model of wireless network adapter may not compatible to our printer



OPEN UTILITY AND CONNECT TO PRINTER

1. UNZIP THE INSTALLATION FLE, AND CLICK UTILITY.EXE

💷 Utility.exe

2. PLEASE BE SURE TO CONNECT TO PRINTER FRST, OTHERWISE YOU CANNOT USE UTILITY



PRINTER CONNECTION METHOD INTRODUCED ON THE NEXT PAGE



OPEN UTILITY AND CONNECT TO PRINTER

- 1) CONNECT YOUR PRINTER WITH LAPTOP
- -BASIC : CONNECT PRINTER AND LAPTOP BY RJ-45 CABLE [INITIATING TIME 1 MINUTE]
- -LAN : CONNECT BOTH PRINTER AND LAPTOP TO LOCAL AREA NETWORK [INITIATING TIME A FEW SECONDS]
- -IP SHARER : CONNECT BOTH PRINTER AND LAPTOP TO IP SHARER [INITIATING TIME A FEW SECONDS]
- -WIFI DONGLE : INSERT WIFI DONGLE INTO PRINTER USB PORT => PANEL: ENGINEERING MODE => WIFI
 - => CONNECTED WIFI DONGLE => KEY IN IP(WIF) LOCATION SHOWN ON PRINTER ON UTILITY [INITIATING TIME A FEW SECONDS]



CHOOSE A PRINTER

. 1. SELECT PRINTER, ALSO SELECT BUILDING PLATFORM SIZE. 2. SET Z LAYER THICKNESS. SET BUILDING PLATFORM GRID SIZE. 3. SET PRINTER INFORMATION WHENEVER USING THIS PANEL. 8 x Printer đ Platform 255 Choose a printer Thickness 100 um Advance 255 Volume(ml) 0 Grid(mm) 3.0 Advance 255 **Printer Information** Name: Advance 255 IP address: . . . * Layer Thickness(um) 100 Grid(mm) 3.0 Ŧ ΓЛ Printing Setting КЛ Slow × ۲<mark>۸</mark> Ok

OPEN UTILITY AND CONNECT TO PRINTER



WHITE FRAME IS THE LARGEST PRINTING BOUNDARY

BLUE FRAME IS SUGGESTED PRINTING BOUNDARY



IMPORT FLE



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1) THERE ARE TWO WAYS TO IMPORT AN .STL FLE

A TOOL BAR, ICON AS PICTURE ON THE RIGHT

B. DRAG THE .STL FLE FROM THE FOLDER INTO UTILITY



IMPORT FLE



1) How to IMPORT .SLC FLE (SLICED FLE) TOOL BAR, ICON AS PICTURE ON THE RIGHT 1 Step 1: Choose a printer - 🕄 🗟 Model 80 MiiCraft80 К Л К Л Model 80 Name: IP address: --<mark>۲۲،</mark> Step 2: Select File Input: SELECT .SLC FLE Output: Layer Thickness(um): 50 Estimated Time: OH 32M 58S Step 3: Printing Setting - 💊 🗙 Normal Step 4: Convert File 0% Convert Step 5: Launch 3D Printer Launch to printing

HOT KEY

- **RIGHT MOUSE BUTTON** ROTATE PLATFORM
- MIDDLE MOUSE SCROLL -ZOOMS IN AND OUT MAKING THE VIEW OF THE BUILD AREA LARGER OR SMALLER
- ۲ MIDDLE MOUSE BUTTON - MOVE PLATFORM
- ALT+E = MOVE MODEL
- ALF+R = ROTATE MODEL
- CTRL + D = DUPLICATE OBJECT
- **CTRL + MOUSE CLICK = MULTI SELECT THE OBJECT**
- **CTRL + MOUSE CLICK + DRAG** = MOVE MULTIPLE OBJECT
- MOUSE CLICK + DRAG AREA = BOX SELECTION









* IF USER ALREADY CUSTOMIZE MODEL ARRANGEMENT AND BUILD SUPPORT, CLICK "No" TO MOVE ON TO SLICING.

SEMI-AUTO MODE

- 1. IMPORT MODEL
- 2. CLICK TOOL BAR "PRINTER"
- 3. ENTER SEMI-AUTO MODE
- 4. CLICK YES \rightarrow AUTO
 - ARRANGEMENT & AUTO SUPPORT
 - \rightarrow slicing \rightarrow convert









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1) TOOL BAR, ICON AS PICTURE ON THE RIGHT

NOTE: WHEN THE FLE NAME IS HIGHLIGHTED, IT MEANS THE MODEL HAS BEEN SELECTED. AT THIS POINT INSTRUCTION IS ACTIVE.

A. SELECT "ALL" TO AMPLIFY OR MINIFY IN A PROPORTION SCALE



- 2) PROPERTY IMPORT, THE SETTING WILL APPLY TO EVERY MODEL IMPORT LATER
- EX: PROPERTY IMPORT SETTING Z AXIS ROTATE 90 DEGREE, X,Y,Z AMPLIFY 2
- TIMES, SO THE MODEL IMPORT LATER WILL ALL FOLLOW THIS SETTING

Objects	§ X			
property import				
DR025-GG.stl 1				
		Property Setting		? ×
		X Rotation: 0	¥ 0	Z 90
Duplicate		Scale: 2	2	2
Object X Y Z Size(mm): 18.0129 18.4917 26.2893	Volume(ml)	▼ Floor	Apply	Cancel
Scaling Factor: 1				
		the second		222 - 222





3) PROPERTY IMPORT, SELECT "FLOOR" TO LET MODEL IMPORT WITH Z COORDINATE ZERO

📑 Propert	ty Setting		? X
	X	Y	z
Rotation:	0	0	90
Scale:	2	2	2
🔽 Floor		Apply	Cancel





4) DUPLICATE SELECTED MODEL

🚺 Objects 🛛 🤶 🗙
property import
DR025-GG.stl 6 DR025-GG.stl 7
DR025-GG.stl 8 DR025-GG.stl 9 DR025-GG.stl 10
DR025-GG.stl 11 DR025-GG.stl 12
DR025-GG.stl 13 DR025-GG.stl 14
Duplicate
Object X Y Z Volume(ml)
Size(mm): 18.0129 18.4917 26.2893 0.616393
Scaling Factor: 1 🔽 🔽 All



GENERATE NAMEPLATE ON PRINT MODEL

1) NAMEPLATE IS A SERIAL NUMBER COMBINES DATE, MACHINE SERIAL NUMBER AND PRINTING JOB NUMBER.





BACK AND NEXT

1) TOOL BAR, ICON AS PICTURE





AUTO ARRANGEMENT

1) TOOL BAR, ICON AS PICTURED ON THE RIGHT,

MULTIPLE MODEL AUTO ARRANGEMENT CAN ADJUST

THE SPACING WITH HORIZONTAL SCROLL BAR







AUTO SUPPORT







SELECT ONE MODEL (BEEN HIGH LIGHT), MORE SETTING SHOWS UP IN TOOL BAR (AS BELOW RED BOX), HERE YOU CAN DO CUSTOMIZE MODEL ARRANGE, AND BUILD CUSTOMIZE SUPPORT

Size(mm): X 18.0129 Y 18.4917 Z 26.2893	P Objects ? X	+
	property import	٩
272	DR025-GG.stl 6	$\frac{\mathbf{Q}}{\mathbf{I}}$
		*
	Duplicate	ф "
	Object X Y Z Volume(ml) Size(mm): 18.0129 18.4917 26.2893 0.616392	
	Scaling Factor: 1 All	X
		<u> </u>
		Fi Fi



1) SELECT MODEL, AND CLICK ON TOOL BARDRAG AND MOVE

THE MODEL

2) OR SET X, Y, Z COORDINATE















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MODEL ARRANGEMENT



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MODEL ARRANGEMENT









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MODEL ARRANGEMENT

7) SELECT MODEL, AND CLICK ON TOOL BAR BACK

TO THE DEFAULT ROTATION







SELECT ONE MODEL (BEEN HIGH LIGHT), MORE SETTING SHOWS UP IN TOOL BAR (AS BELOW RED BOX), HERE YOU CAN BUILD PERSONALIZE SUPPORT

TO ADD SUPPORT, CLICK WHERE YOU'D LIKE TO ADD

BEC(IIIII). A 10.0122 1 10.4517 2	R X
	View mode
	🗖 Angle 45.0 🛨 Degree 🦳 Skeleton
	Revolve Point: Supporter Default
	Base Supporter
	Supporter bist.
	Support 2
	Remove All
	Settings
	beimigs.
	LIGHT - + X &
	Shape: TOP_Cone 133%(auto)
	Radius(mm): 0.25
271272	Length(mm):
7-	
77777777	
J-J-J-J-J-J-	Mirror Supporter: 🗆 X 🗖 Y
Latertated	









1) SUPPORT SETTINGS

(A) 3 KINDS OF BASIC SUPPORT SETTINGS CAN BE SELECTED BY USER PREFERENCE

LIGHT

MEDIUM

HEAVY



CUSTOMIZE AND SAVE

SUPPORT SETTINGS

Settings: A LIGHT	b +	C ×	<mark>d</mark> ≗
Shape: TOP Radius(mm): Length(mm): Contact(mm)	_Cone 133%(0.25 1	(auto)	 ▼ 0.1

Mirror Supporter: 🔲 X 🔲 Y

EDIT



- (b) ADD SUPPORT SETTINGS
- (C) DELETE SUPPORT SETTINGS
- (d) SAVE SUPPORT SETTINGS

Settings:	b	С	d
LIGHT	+	X	<u>₽</u>
Shape: TOP Radius(mm): Length(mm): Contact(mm);	Cone 133%() 0.25 1	auto)	•
0			т



CUSTOMIZE SUPPORT SETTING



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BOTTOM SUPPORT SETTING

- a) BOTTOM SUPPORT SHAPE
- b) BOTTOM SUPPORT RADIUS
- C) BOTTOM SUPPORT THICKNESS

SHAPE	Settings:			
	EDIT - + X			
	A Shape: BOTTOM_Circle			
	Radius(mm): 1.5			
	Thickness(mm): 0.25			
Воттом				
	Mirror Supporter: 🔲 X 🔲 Y			


BUILD SUPPORTS

MIRROR SUPPORTER:

BUILD SYMMETRICAL SUPPORTS ACCORDING TO X AXIS





BUILD SUPPORTS

X TYPE SUPPORTER:

- 1. FIRST BUILD AT LEAST TWO SUPPORTS.
- **2.** CLICK CROSS STRUCTURE FUNCTION
- 3. CLICK TWO SUPPORTS WHICH YOU LIKE TO HAVE CROSS STRUCTURE BETWEEN
- 4. CLICK TWO SUPPORTS AGAIN CAN CANCEL THE CROSS STRUCTURE

Base Supporter	
Support 1	
Support 2	
Support 3	
Support 4	



BUILD BASE





ANGLE INDICATOR WILL HELP IDENTIFY THE BEVEL ANGLE OF OBJECT SURFACE

- A. BELOW A CERTAIN ANGLE WILL BECOME RED IN PREVIEW
- B. THESE RED AREA INDICATES AREA MORE FLT AND POSSIBLY HANG IN AIR, WHERE NEED TO BUILD SUPPORTS

View mode
🗖 Angle Degree 🔲 Skeleton
Revolve Point: Supporter Default











View mode Angle 45.0 ÷ Degree 🗖 Skeleton	
Revolve Point: Supporter Default	R
1. SELECT ONE SUPPORT	
2. CLICK REVOLVE POINT: SUPPORTER	
3. Use FK SUPPORT AS VIEW ROTATION CENTER	
4. SEE THE 360 DEGREE POSITION OF SUPPORT	
DEFAULT (USE PLATFORM AS V	IEW ROTATION CENTER)

TOOL BAR



	CLICK AND DR	AG THE TOOL BAR, USE CAN DOL BAR POSITION
	CREATE NEW FLE	
	OPEN LAYOUT	MIL FLE IS AN EDITABLE FORMAT FOR UTILITY PLATFORM, LAYOUT,
	SAVE LAYOUT	SUPPORTER FUNCTION, YOU CAN SAVE YOUR WORKING STATUS AS .MIL FLE AT ANY TIME, AND OPEN .MIL FLE TO CONTINUE EDITING
~	EXPORT AS .STL	
~ ¢	OPTIONS (GENERAL SETT	ING)
- <u>`</u>	SURFACE POLISHING VIEW	
8	PERSPECTIVE VIEW	

TOOL BAR



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SLICE VIEW PREVIEW EACH LAYER (BUT NOT EXPORT .SLC YET)





OCEDURE SIMPLI	FY : SETTINGS FOR SKIP SO	ME PROCEDURE
 Options Procedure Simplify Slice and Convert Printer General Function Auto Setting 	 Directly save the slc file into below position every time .slc file location: C./ Directly convert after slicing. Retain the .slc file XDefault location of output is same as the slc file's. Directly launch to printer after convert finished Directly start to print base image folder path: C./ 	? × OK Cancel







*****	Options	S
	 Procedure Simplify Form General Function 	Printer Form Searcher hides SelectFile hides Scenario Setting hides LaunchButton hides Reload Data whenever connecting to Printer Language: English 管体中文
<u>~</u>		OK Cancel
Ϋ́Υ-	USER INTERFACE	LANGUAGE:
	ENGLISH, TRADITI	ONAL CHINESE, SIMPLIFED CHINESE





FUNCTION => AUTO SETTING:

- 1. DISTANCE: THE DISTANCE OF SUPPORTS AND SUPPORTS. THE DENSITY OF SUPPORTS.
- 2. ANGLE: THE MODEL SURFACE BELOW A CERTAIN ANGLE, WILL AUTOMATICALLY BUILD SUPPORTS.

 Procedure Simplify Slice and Convert Printer General Function Auto Setting 	AutoSupport Arguments: Distance: 3.00 🐳 mm Angle: 45.0 🐳	
--	---	--



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PRINTER SETTING

Stor 1: Channe a mint			Step 1: Choose printer	
e choose a prine	r Model 80	- 🕄 🕥	Step 2: Select file	
	MiiCraft80		Input: .SLC	
Name:	Model 80			—
IP address:				•
Step 2: Select File			Step 3: Set printing	
Input:			parameter	
Output:				· · · ·
Estimated Time: 0	H 32M 58S Layer Thickness(u	n): 50	Step 4: Convert file	Б
Step 3: Printing Setting			Output: 30	
Normal		- N ×		<u> </u>
Step 4: Convert File	0.0			<u> </u>
Stan 5: Launah 2D Prin	0%	Convert	Step 5: Launch to	1 L
Step 5: Launch 3D Fru			MiiController	



PRINTER SETTING

STEP 1	 Online printer Offline printer SCAN ONLINE PRINTER ? X 	+
Step 1: Choose a printer		
Name: IP address:		K 7
PRINTER IP	- TO PRINT (ONLY ONLINE PRINTER) - TO USE PRINTER CALIBRATE INFORMATION WHEN CONVERTING FLES (BOTH ONLINE AND OFFINE PRINTER)	кл С ¹
I rouble shooting↔		

If unable to connect computer and printer, please check computer's proxy setting, it has to be close.



PRINTER SETTING

STEP 2

Step 2: Select File	
Input:	DEFAULT USER EDIT .SLC
Output:	FLE OUTPUT .3DP FLE
Estimated Time: 6H 28M 12S Layer Thickness(um): 50	ESTIMATED PRINTING TIME
Step 3: Printing Setting	
Step 4: Convert File	1. SELECT .MPS FLE
0% Convert	2. EDIT .MPS FLE (PRINTING
Step 5: Launch 3D Printer	PARAMETER)
Launch to printing	



Step 3: Printing Settin	ug 	
	🖹 🕒 🕒 🖄 🕑 😣	
	Curing Time(s): 2.00	THE AMOUNT OF TIME FOR UV CURING(SECONDS) PER LAYER
	Speed: Normal	SLOW, NORMAL AND FAST, MEANS DIFFERENT PEELING SPEED.
	Gap Adj(mm): 0.00	USER CAN SELECT "ADVANCED" TO SET USER DEFNED PEELING
	Base Layers: 1	ADJUST THICKNESS OF THE FRST LAYER
	Base Curing(s): 5.00	DEFNE NUMBER OF BASE LAYERS
	Buffer Layers: 3	CURING TIME FOR BASE LAYERS
	Power(%): 100	SET THE NUMBER OF BUFFER LAYERS
	Print Delay(s): 1	AT 100% IS THE EXISTING BRIGHTNESS OF LIGHT ENGINE.
	Image Calibrati	ON: FOR FRST LAYER, PICKER STAY FOR AT LEAST 1 SEC. THEN CURE
	Anti-aliasing: Max (default)	Make image calibration for this printer
	Imgae Pixel Offset: 0 (default)	WHAT IS BUFFER LAYER?
	Overlap(%): 50 📩 Edge Enhance: 0 💌 Blur:	WITHIN BUFFER LAYER, THE Basis CURING TIME IS GRADUALLY CHANGE FROM BASE LAYER SETTING TO LAYER SETTING Base Base Layer Layer



ACTIVE

	ULTRA SERIES	ADVANCE SERIES	PROFESSION SERIES
IMAGE CALIBRATION			
ANTI-ALIASING			
PIXEL OFFSET			
EDGE ENHANCE			
OVERLAP (%)			
BLUR			
CONTOUR EXPOSURE			
RESIN SHRINKAGE Compensation			
FLIP IMAGE			



Anti-aliasing:	Max (default)	•
Imgae Pixel Offset:	0 (default)	•
Overlap(%) : 50	Edge Enhance: 0 💌 Blur:	0 -











Anti-aliasing:	Max (default)	•
Imgae Pixel Offset:	0 (default)	-
Overlap(%) : 50	Edge Enhance: 0 - Blur:	0 -

```
PIXEL OFFSET : CAN SLIGHTLY ADJUST EDGE PIXEL (0.5 \text{ PIXEL} = 1)
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FOR EXAMPLE:

SELECT -2, ERODE 1 PIXEL ON THE EDGE SELECT 2, ADD 1 PIXEL ON THE EDGE













PERCENTAGE IS 50%





IF USER SET CONTOUR PIXEL, ONE IMAGE WILL BECOME 2 IMAGE, CONTOUR AND INSIDE





+0% TO 9.9% \rightarrow ENLARGE AN IMAGE -0% TO -9.9% \rightarrow SHRINK AN IMAGE

FLIP IMAGE BY X AXIS OR Y AXIS



PRINTING SETTING (.MPS) -ADVANCE SETTING

SPEED : SELECT ADVANCE								
ENABLE FUNCTION: CUSTOMIZE PEELING MODE								
Cruing Time (a): [2.00	Starting Layer:	000000			<u> </u>	+	×	
Speed: Advanced	Cartridge	- Down	▼ 800	÷ 1600	<u>+</u>	+ 3	×	
Gap Adj(mm): 0.00	Stay	•	<u> </u>	<u>*</u> 1000	<u>†</u>	+	×	
Base Layers: 1	Picker	▼ Up	• 600	3200	<u>+</u>	+ 3	×	
Base Curing(s): 5.00	Picker	▼ 1Layer	• 0	× 1600	<u>.</u> 	+ 3	×	
Buffer Layers: 3	Stay	•	v 0	2000	<u></u>	+ 3	×	
Power(%): 100	Cartridge	• Up	▼ 805	<u>*</u> 1400	<u>.</u> .	+	×	
Print Delay(s): 1	Picker	Down	▼ 500	* 3200		+ 3	×	
Anti-aliasing: Max (default)	Picker	Down	▼ 100	<u>*</u> 6400		+	×	
Imgae Pixel Offset: 0 (default)	Stay	•	v	2000		+	×	
Edge Enhance: 0					Add Ne	w Act	ion	
Contour Exposure Pixels: $0 \stackrel{*}{\longrightarrow} Exp(\%)$: 200 \stackrel{*}{\longrightarrow} Gap: $2 \stackrel{*}{\longrightarrow}$								

PRINTING SETTING (.MPS) - ADVANCE SETTING



THE ADVANTAGE OF ADVANCED SETTING IS YOU CAN DECIDE PEELING MODE TILT MODE : SET CARTRIDGE(TANK) UP AND DOWN FOR BIGGER AREA PEELING DIRECT MODE : ONLY SET PICKER'S MOVEMENT, CARTRIDGE STAY, TO LET PEELING SPEED FASTER SWEEP: SET RECOATER MOVEMENT

STARTING LAYER: FROM STARTING LAYER START TO USE ADVANCE SETTING PEELING MODE

Half step period (micro second)

1	Starting Layer:	000000	- Items	Movement	Step (25um/step)	- + ×
1	Cartridge	Down			÷ 1600	÷ + ×
2	Stay	•	0		<u></u> 1000	 ÷ + ×
3	Picker	▼ Up	• 600		3200	 ÷ + ×
4	Picker	▼ 1Layer			1600	 ÷ ++ ×
	Stay	•	0		2000	 ÷ ++ ×
5	Cartridge	▼ Up	▼ 805		÷ 1400	 ÷ + ×
	Picker	Down	▼ 500		3200	 ÷ + ×
	Picker	Down	▼ 100		÷ 6400	 ÷ + ×
	Stay	•	▼ 0		2000	 ÷ + ×
						Add New Action

.MPS FLE USER MANAGEMENT



- (1) Assign .mps user management fle
 The printer you choose will affect the .mps you can see.
 EX: Choose MilGraft Profession Printer, can only select .mps fle for MilGraft Profession
 PRINTER
- (2) Put .mps into user assigned fle, the .mps will show up in the printing setting list as below picture.

Choose a printer							
 Model 125 							
MiiCraft 125							
Name: Model 125							
IP address:							
Select File							
Input: C://20190917-7.slc							
Output: C://20190917-7_LI90AA1622AJAT9999.mii							
Estimated Time: 5H 51M 15S Layer Thickness(um): 100							
Printing Setting Slow							
Generate Base from Image							
cubic Base Layer number: 5							
Convert File							
0% Convert							
Launch 3D Printer							
Launch to printing							

	nter
•	Model 125 🗸 🔽 💽
	MüCraft 125
Nam	e: Model 125
IP addres	s
Select File	
Input:	C://20190917-7.slc
Output:	C://20190917-7_LI90AA1622AJAT9999.mii
stimated Tir	ne: 5H 51M 15S Layer Thickness(um): 10
	PRINTING SETTING LIST
Printing Sett	
Frinting Sett Slow	-
Printing Sett Slow Slow Normal	-
Printing Sett Slow Normal Fast 1 M125 M 2 M125 M 3 M125 M 3 M125 M	50-BV021 IP Rigid for 405nm 50-BV022 IP High-Resistant for 405nm 50-BV031 IP Rubber-Like for 405nm
Printing Sett Slow Slow Normal Fast 2 M125 M 3 M125 M 3 M125 M	50-BV021 IP Rigid for 405nm 50-BV022 IP High-Resistant for 405nm 50-BV031 IP Rubber-Like for 405nm 0% Convert



GENERATE BASE FROM IMAGE

Choose a printer		
•	Advance 255 🗸 🗸	STEP 3: PRINTING SETTING
		1. SELECT IMAGE
	Advance 255	Сивіс
Name:	Advance 255	DIAMOND
IP address:		HEXAGON
		2. OR DIY IMAGE FOR
lect File		BASE
Input: C://2019	0917-7.slc	
Input: C://2019 Output: C://2019	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp	SET BASE LAYER THICKNESS (FOR IMAGE BASE) cubic.
Input: C://2019 Dutput: C://2019 mated Time: 14H	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) cubic.
Input: C://2019 Output: C://2019 imated Time: 14H inting Setting	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	Image: Set Base Layer Thickness Image: Set Base Layer Thickness
Input: C://2019 Output: C://2019 timated Time: 14H rinting Setting ecoater	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	Image: Set Base Layer Thickness Image: Set Base Layer Thickness Image: Image Base) Image: Image Base) Image: Image Base
Input: C://2019 hutput: C://2019 nated Time: 14H nting Setting coater Generate Base fo	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) 100
Input: C://2019 hutput: C://2019 nated Time: 14H nting Setting coater Generate Base fro nond	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) 100
Input: C://2019 hutput: C://2019 nated Time: 14H nting Setting coater Generate Base fro nond	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) 100 100
nput: C://2019 utput: C://2019 ated Time: 14H ting Setting pater Jenerate Base fro bond wert File	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) 100 5
nput: C://2019 htput: C://2019 ated Time: 14H ting Setting pater Senerate Base fro bond wert File	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um)	SET BASE LAYER THICKNESS (FOR IMAGE BASE) 100 </td
Input: C://2019 Output: C://2019 imated Time: 14H inting Setting ecoater] Generate Base fro amond onvert File aunch 3D Printer	0917-7.slc 0917-7_LK50HBA1731BBAT9999.3dp I 42M 47S Layer Thickness(um) I mage Base Layer number: 0% Con	SET BASE LAYER THICKNESS (FOR IMAGE BASE) Cubic.



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PRINT VIA COMPUTER







PRINT VIA COMPUTER











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ENGINEERING MODE (COMPUTER)





ENGINEERING MODE (COMPUTER)



CURING TIME(S): TEST PRINT CURING TIME.



ENGINEERING MODE (COMPUTER)

jector Control		FIX THE LEFT	
			RIGHT PROJE
ON			
eft Projector 🛛 🐼 Right F	Projector		
T1 T	Г2 Т3		
Please Select a Pat	tern.	•	
Uniformity/Distortion Mask			DEESET X :
fset X:	0		
fset Y:	0	Set	
ght(%):	100	Set	FIX THE LEFT
-112 19 19	Calibra	ate	RIGHT PROJE
uring Time(s):	4	Test	PRINTER BA
		Close	
			PRINTER DO





PRINTING RECORD AND UPDATE FRMWARE





PRINT VIA TOUCH SCREEN PANEL





PRINT VIA TOUCH SCREEN PANEL



TO PRINT:

SELECT .3DP FLE FROM

- 1. MACHINE (FLE SAVED IN PRINTER) OR
- 2. USB (INSERT INTO PRINTER)

FILE INPUT SIZE LIMITATION:

- A. UPLOAD FLE FROM COMPUTER, FLE LIMITATION 500MB
- B. UPLOAD FLE FROM USB, FLE LIMITATION 1G




PRINT VIA TOUCH SCREEN PANEL



.3DP FLE

A. SAVE AS : SAVE PRINTING SETTING AS ANOTHER .3DP FLE

- B. RENAME : RENAME .3DP FLE
- C. DELETE : DELETE .3DP FLE



PRINT VIA TOUCH SCREEN PANEL







PAUSE



FOR INSPECT

LET BUILD PLATFORM MOVING UPWARDS



TOUCH SCREEN PANEL- ENGINEERING MODE





TOUCH SCREEN PANEL - ENGINEERING MODE



TOUCH SCREEN PANEL - ENGINEERING MODE





Touch screen panel -Engineering mode





WHEN PRINTING FAILURE HAPPEN, THERE MAY HAVE SOME PRINTING RESIDUAL LEFT AND STICK ON TEFON MODULE.

BEFORE TO START ANOTHER PRINTING JOB, BE SURE TO CLEAN THE PRINTED RESIDUAL OUT OF TEFON MODULE.

- 1. USE "CLEAN TANK" FUNCTION VIA TOUCH PANEL, IT PROJECT A COMPLETE PATTER, THE RESIDUAL WILL BE TRANSFORMED INTO A SOLID LAYER. USING THE SCRAPE, SCOOP UP ONE SIDE OF THE LAYER.
- 2. THEN CAREFULLY LIFT TO REMOVE SOLID LAYER FROM THE TEFON MODULE.



TOUCH SCREEN PANEL - ENGINEERING MODE





FOR FURTHER SUPPORT, CONTACT US VIA THE METHODS BELOW!

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