

INSTALLATION GUIDE

Genmitsu

Genmitsu MD18 Rotary Module User Manual

V2.0 Dec 2025

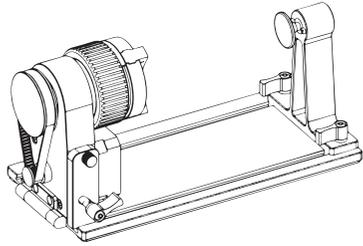


Contents

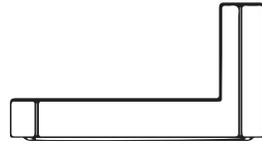
Unboxing	01
Usage Guide	03
Mounted on L8	09
Mounted on Kintix	10
Mounted on Kortek	11
LightBurn Software Settings	12



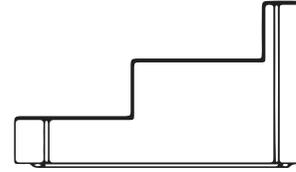
Unboxing



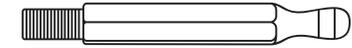
Rotary Module



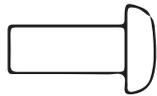
(3) L-shaped Jaw



(3) Ladder Jaw



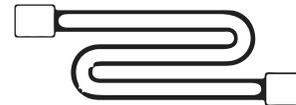
(3) Hexagonal Jaw



(7) M4X10 Screw



2.5mm Allen Wrench



Connection Cable

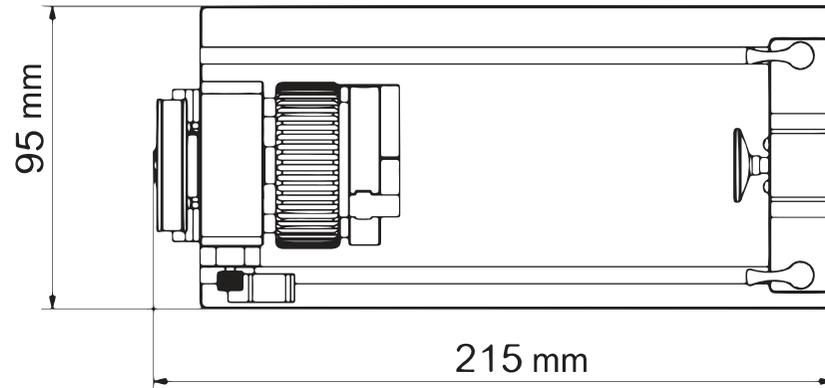
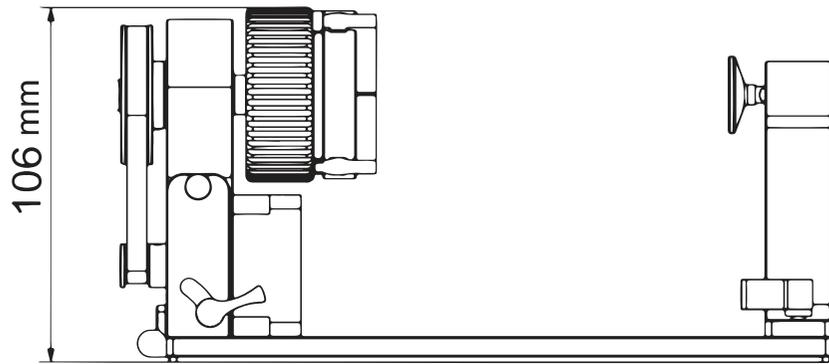


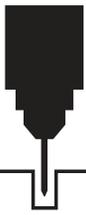
User Manual



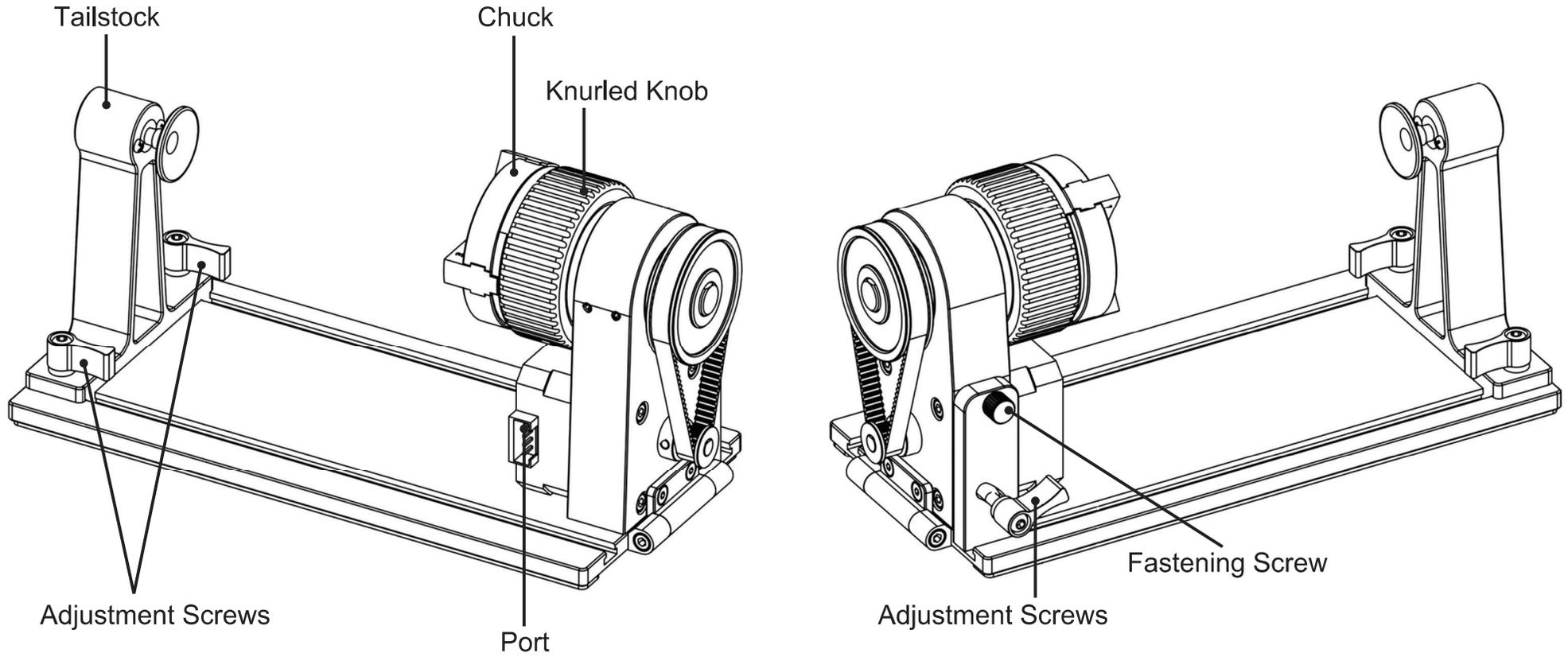
Unboxing

Model Name		MD18 Rotary Module
Material		Aluminum
Clamped Material Diameter	L-shaped Jaw	60-120mm
	Ladder Jaw	60-120mm
	Hexagonal Jaw	10-80mm
Rotation Angle		0-30°
Product Weight		1.1 Kg
Product Size		215 X 106 X 95mm (8.46 X 4.17 X 3.74")
Package Size		255 X 135 X 130mm (10.04 X 5.31 X 5.12")





Usage Guide

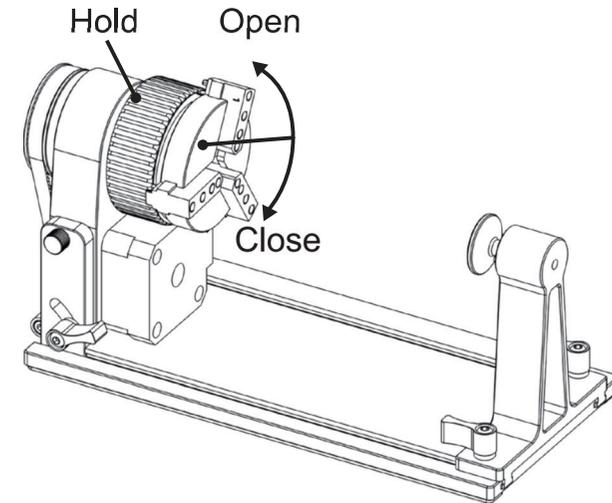




Usage Guide

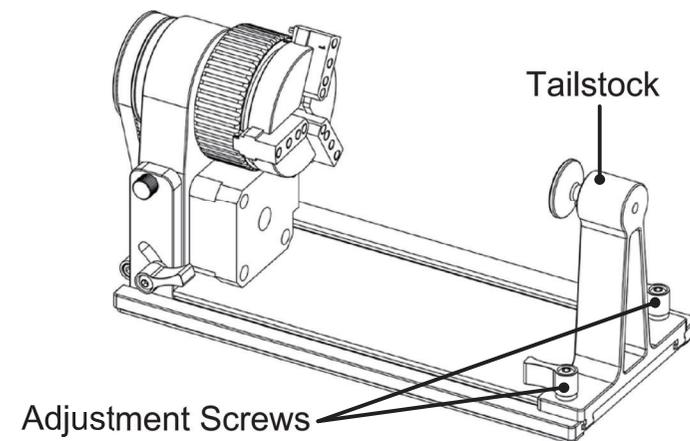
Chuck Adjustment

Hold the knurled knob with one hand and rotate the chuck with the other hand to adjust the tightness of the chuck.



Tailstock Adjustment

Unscrew the adjusting screws, move the tailstock, adjust it to the desired position and then tighten the screws to fix the tailstock.





Usage Guide

L-shaped Jaw Mode (60-120mm)

What you need:



(3) L-shaped Jaw

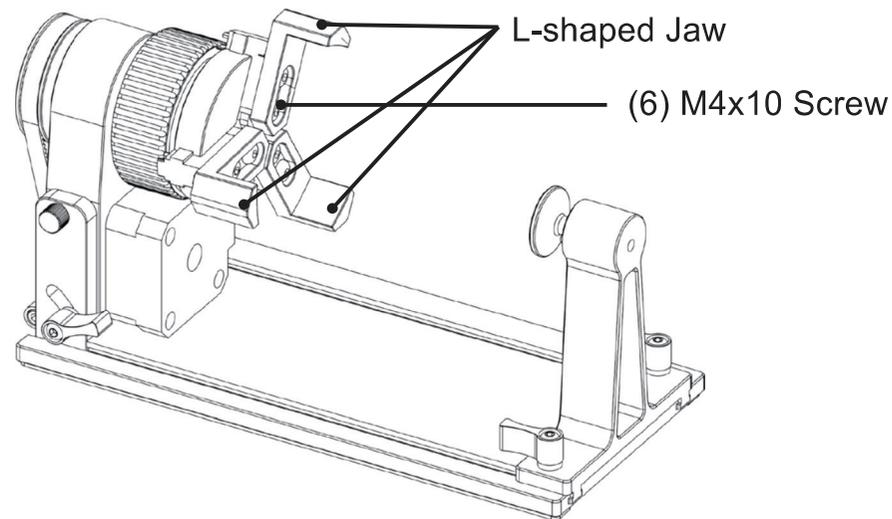


(6) M4X10 Screw



2.5mm Allen Wrench

Use (6) M4X10 screws to secure the L-shaped jaws to the chuck.

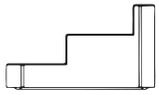




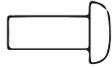
Usage Guide

Ladder Jaw Mode (60-120mm)

What you need:



(3) Ladder Jaw

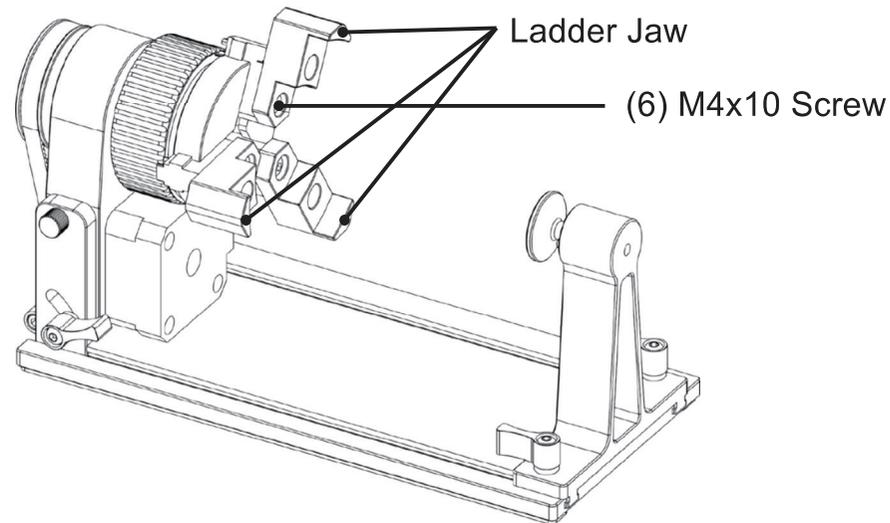


(6) M4X10 Screw



2.5mm Allen Wrench

Use (6) M4X10 screws to secure the ladder jaws to the chuck.





Usage Guide

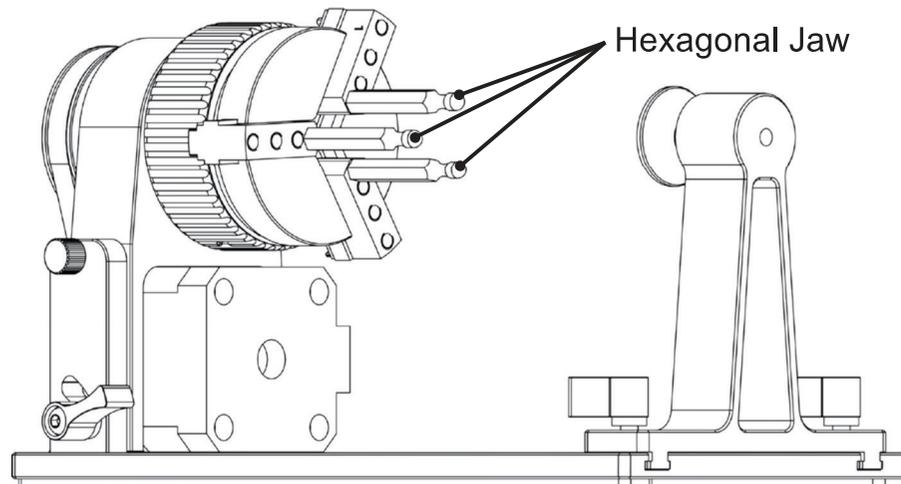
Ladder Jaw Mode (60-120mm)

What you need:



(3) Hexagonal Jaw

Screw hexagonal jaws into the chuck.

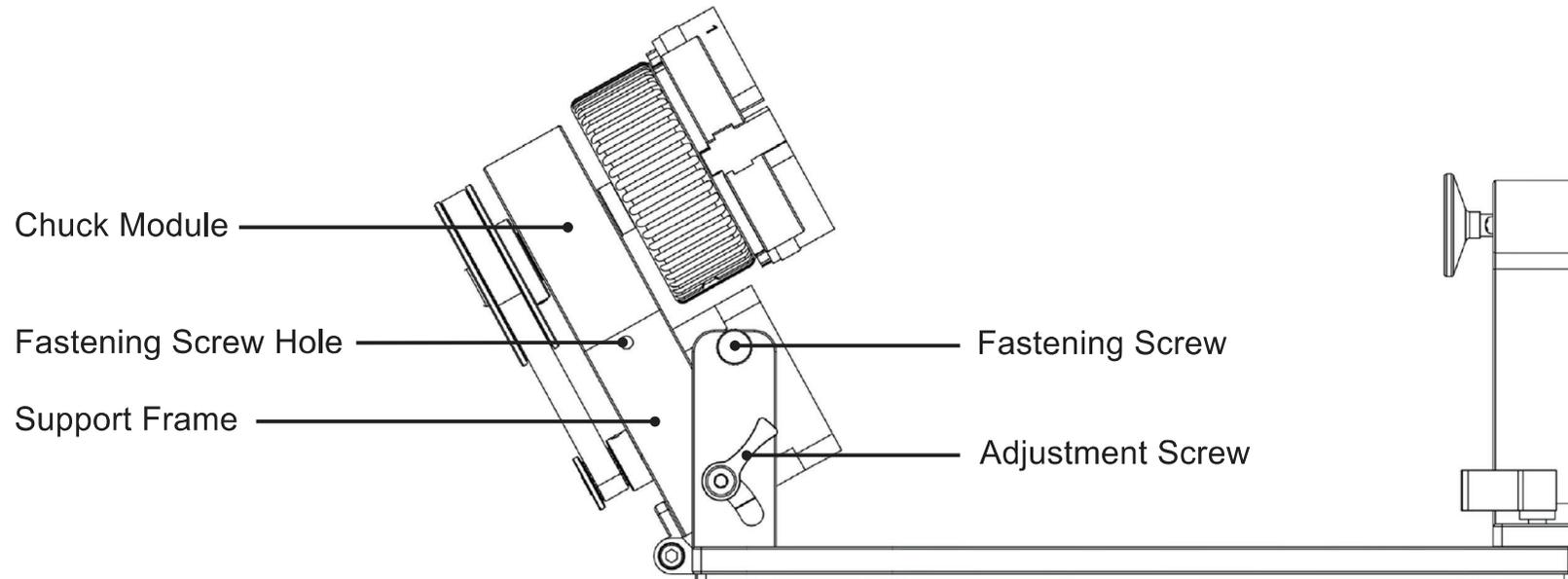


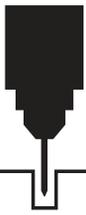


Usage Guide

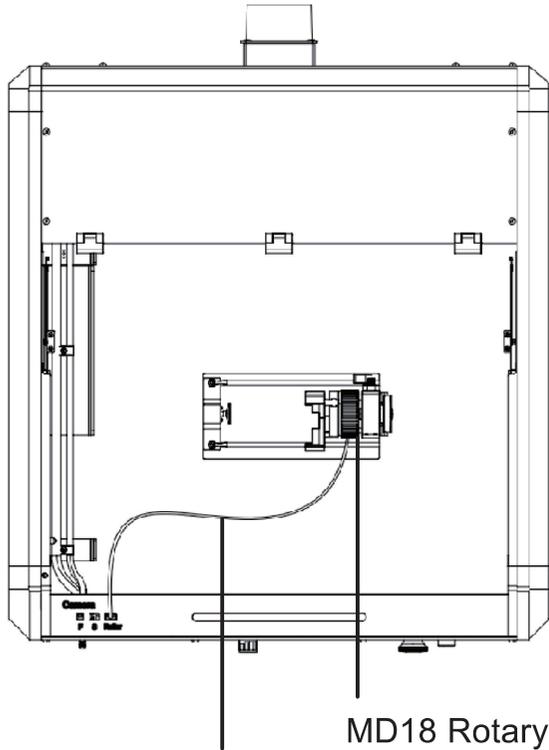
Rotation Mode (0-30°)

Loosen the fastening screw, adjust the support frame to the desired position, and tighten the adjustment screw to secure the support frame.



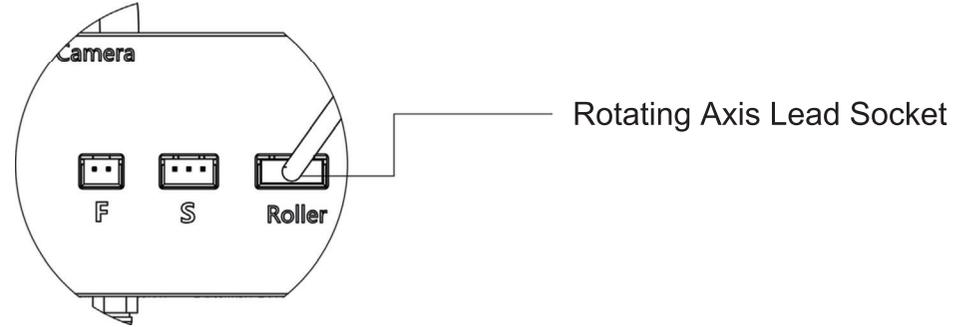


Mounted on L8



MD18 Rotary Module

Connection Line

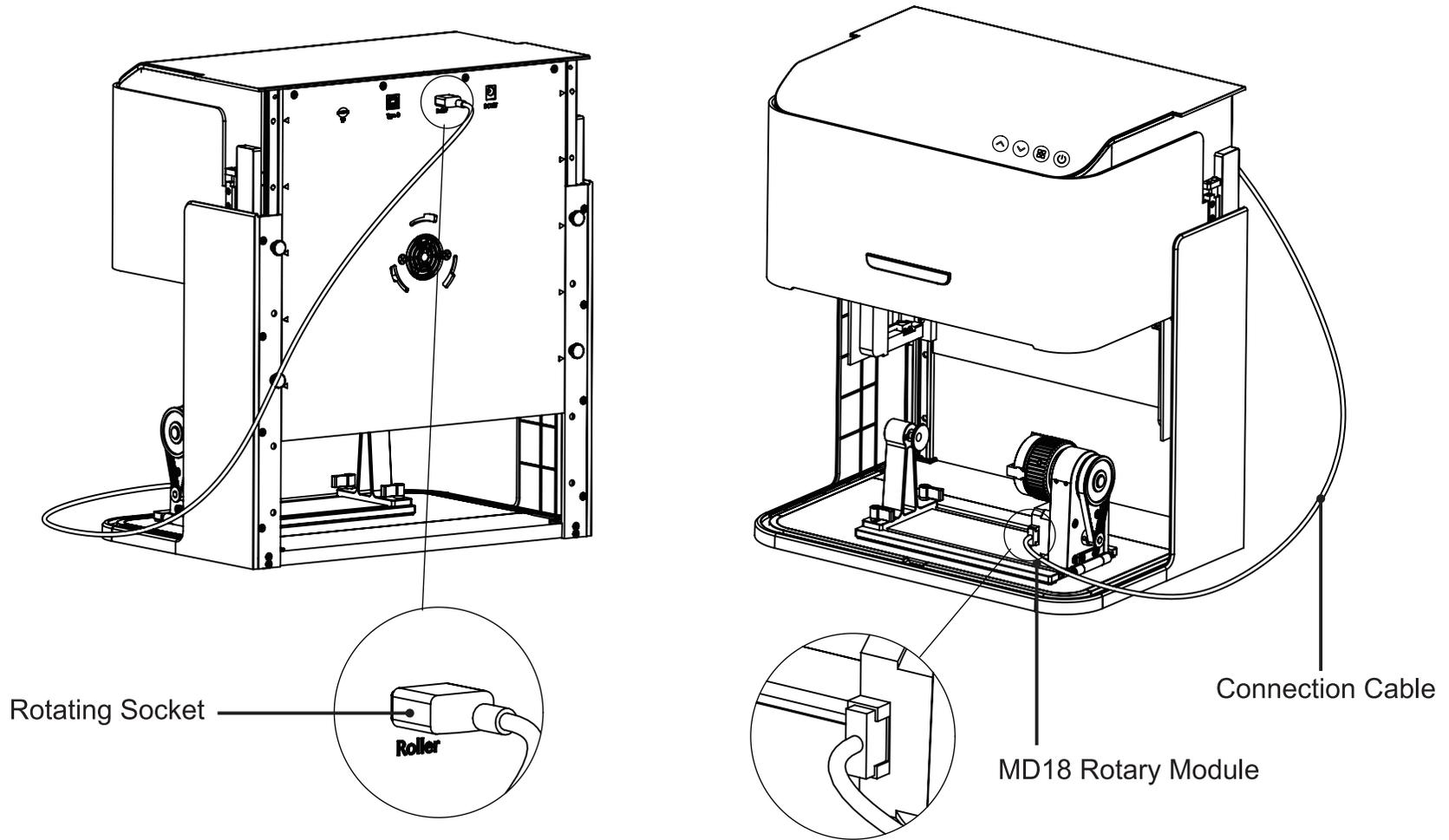


Please place the rotary as shown in the picture to avoid the problem of mirroring caused by the opposite direction of rotation.



Mounted on Kintix

Please place the rotary as shown in the picture to avoid the problem of mirroring caused by the opposite direction of rotation.

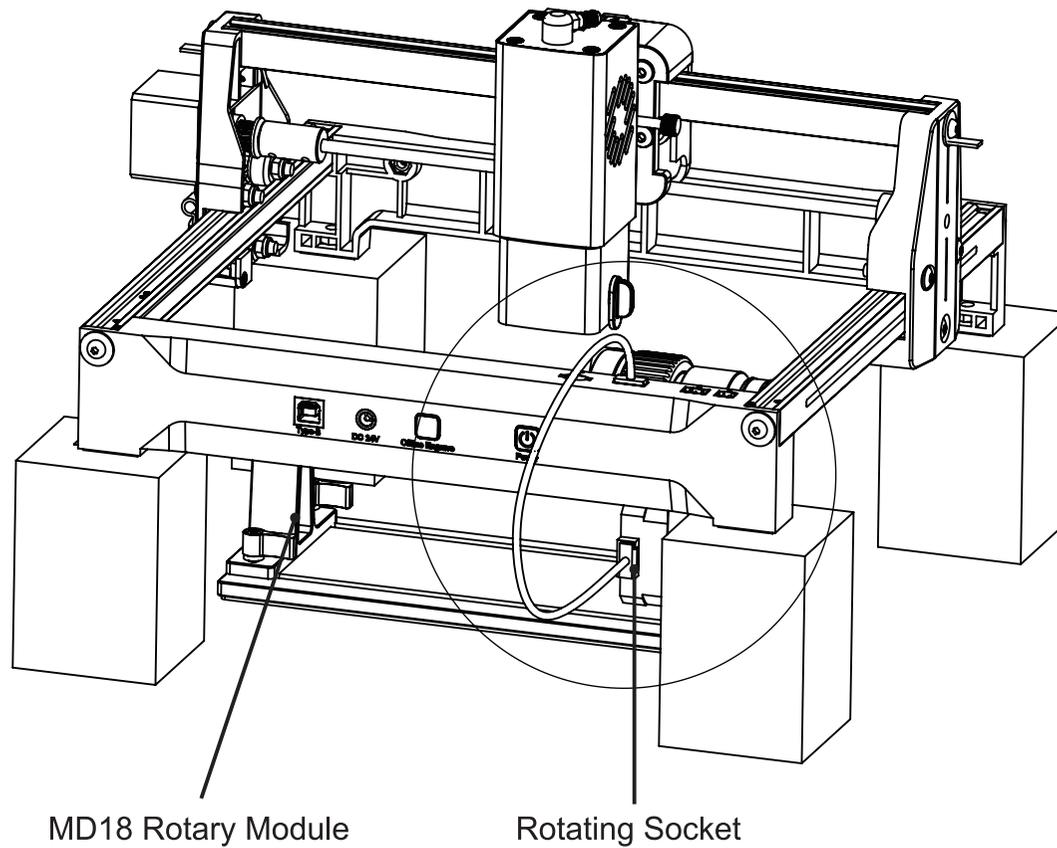




Mounted on Kortek

Please place the rotary as shown in the picture to avoid the problem of mirroring caused by the opposite direction of rotation.

Tip: The pass-through height of the Kortek is insufficient. When using the MD18, you need to raise Kortek by approximately 50mm.

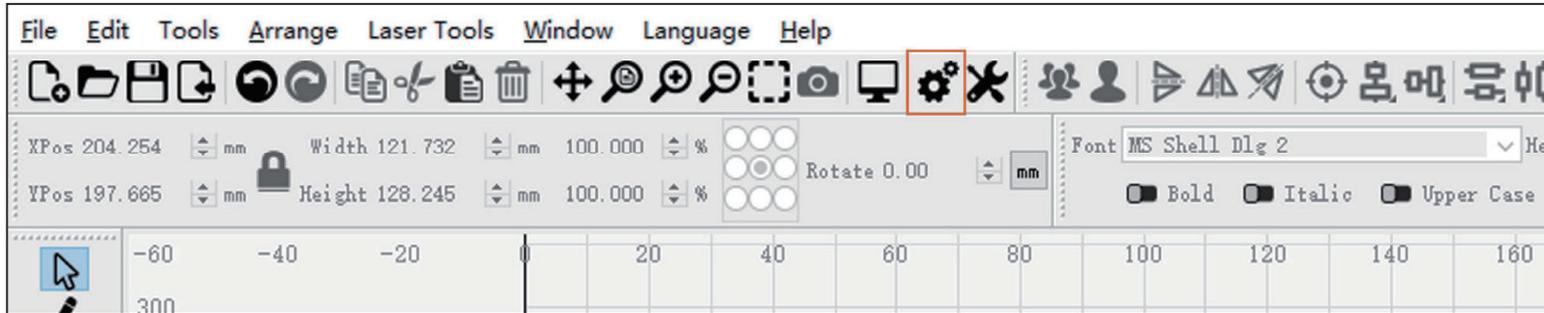




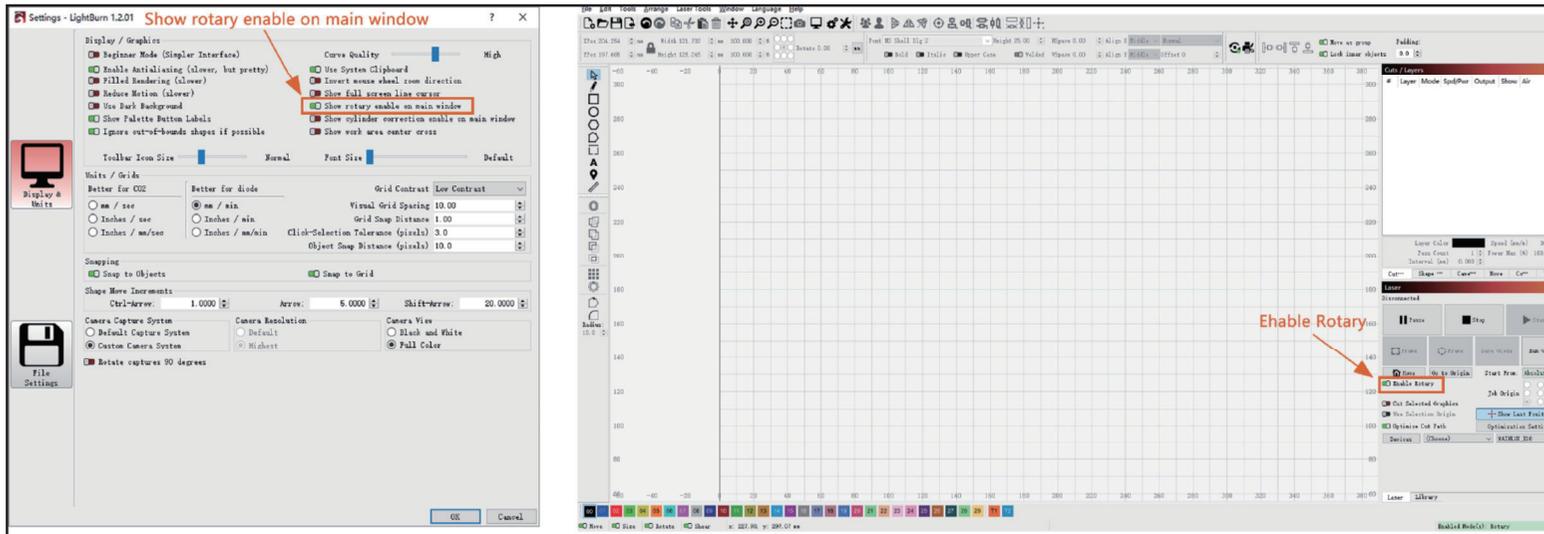
LightBurn Software Settings

1. Add "Start Rotation" to the main window.

1.1 Click "Settings" on the toolbar.



1.2 In the settings window, open the "Show rotation in the main window" button and click OK.

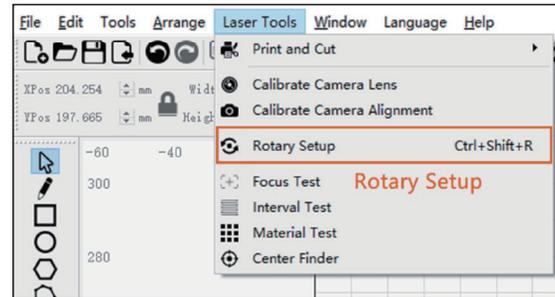
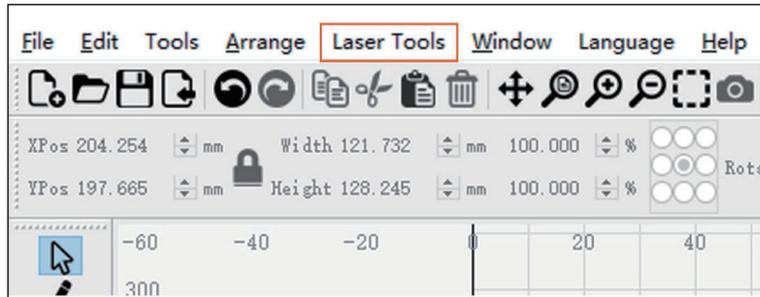




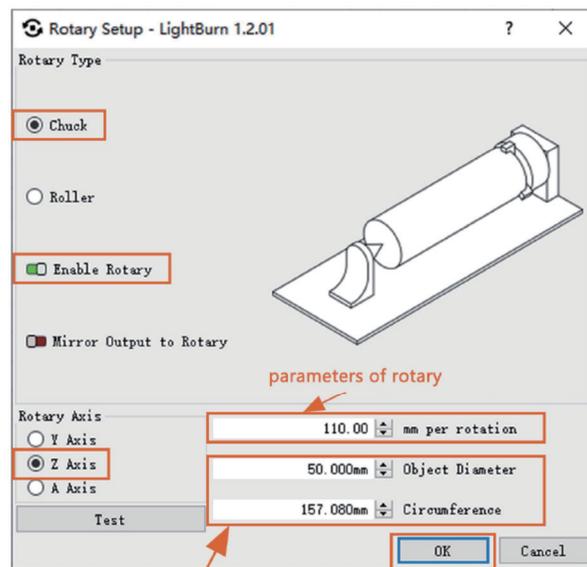
LightBurn Software Settings

2. Open the rotation settings window and set the parameters.

2.1 Open the rotation settings window, click "Laser Tools" on the toolbar, then click "Rotary Setup".



2.2 Set the correct parameters in the rotation setting window, as shown in the figure.



The parameters of the picture you want to engrave to sculpted object

Steps:

- (1) Select the type of rotation "Chuck".
- (2) Open "Enable Rotary".
- (3) Select the "Z-axis" rotation axis.
- (4) Enter the parameters of the rotating device (fixed value).
- (5) Enter your object parameters: the actual measured diameter circumference of the object to be measured.

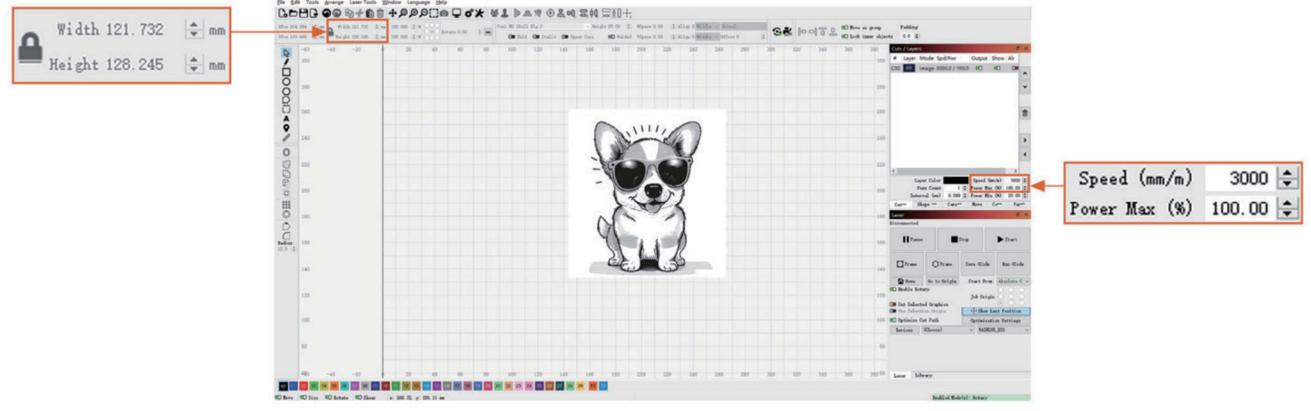
Tips: The parameters of the rotating device need to be filled in based on your specific machine. Please refer to the table below for reference.

L8	Kiosk	Kortek	Kintix
137mm	104mm	153mm	135mm

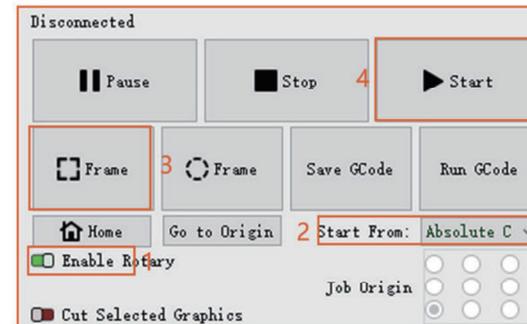
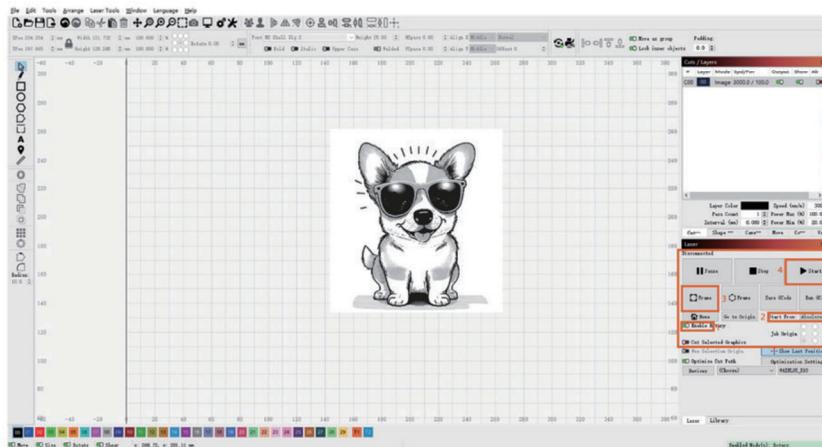


LightBurn Software Settings

3. Import the pattern you want to engrave. set the size of the pattern, and set the power and speed of the engraving.



4. You can click “Frame” to preview the position of the engraving pattern, and then move the laser head to the desired position. It is recommended to use "Current Position" for the start position and click "Start" when you have finished setting.





Genmitsu

Desktop CNC & Laser

✉ Email: support@sainsmart.com

fb Facebook messenger: <https://m.me/SainSmart>

Help and support is also available from our Facebook Group

Vastmind LLC, 5892 Losee Rd Ste. 132, N. Las Vegas, NV 89081



Facebook Group