



OR1 Rotary Attachment for Omni Printer

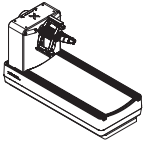


Quick Start Guide

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* The English version is the original instructions verified by the manufacturer.

List of items



Rotary attachment
main unit



Tail module



Cleaning wipe



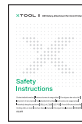
Primer wipe



Tweezers



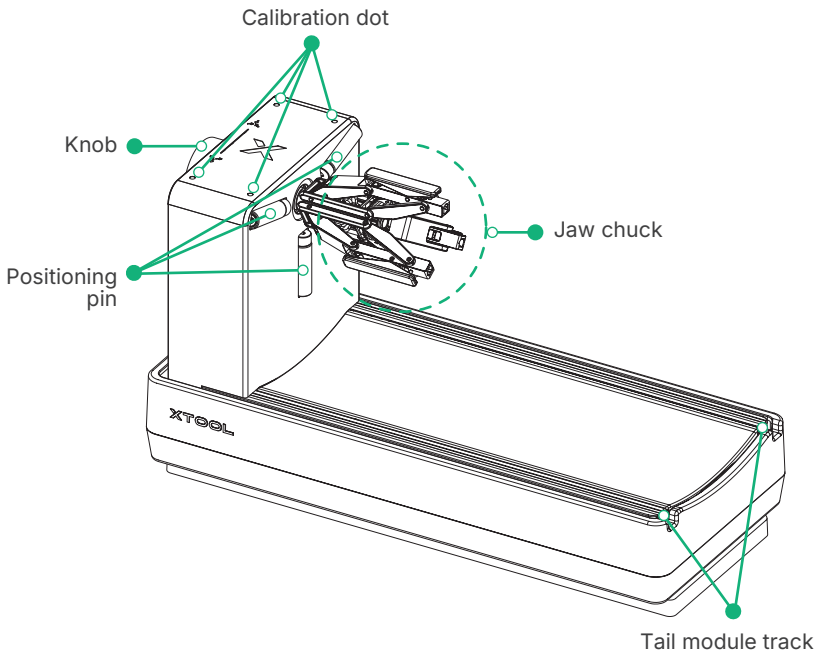
Quick start guide

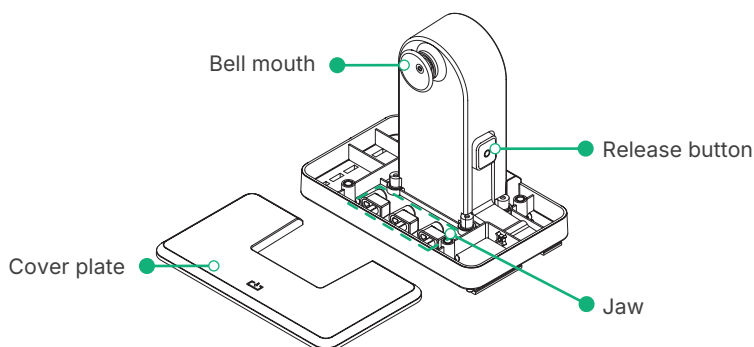


Safety instructions

Meet xTool OR1 Rotary Attachment for Omni Printer

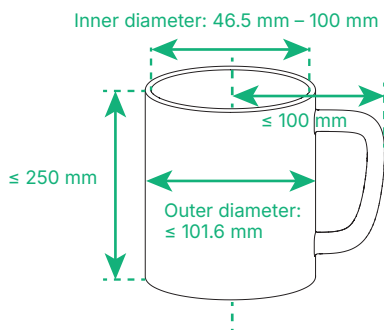
Rotary attachment main unit



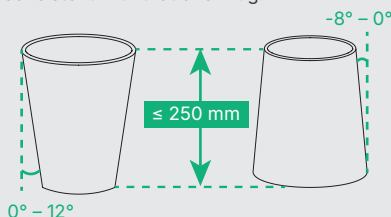


Supported workpiece types and specifications

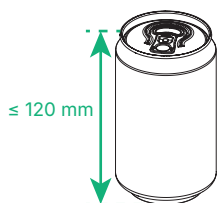
1 Open rotary containers



Truncated cone containers: Taper range is -8° to 12° , and the inner and outer diameter range is consistent with that of a mug.

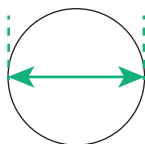


2 Beverage cans



3 Spherical objects

Diameter: ≤ 101.6 mm



For detailed information on the range of workpieces compatible with the rotary attachment, scan the QR code or visit the link.



support.xtool.com/article/3188

■ Before use, check the workpiece for oil stains or dust. Clean and dry the inside with detergent, and use the provided cleaning wipe to remove any stains or dust from the outside.



■ For glass or ceramic workpieces, air-dry the workpiece after wiping off dust and oil stains with the cleaning wipe, and **apply the primer wipe to the printing area using tweezers to improve ink adhesion (avoid direct skin contact with the primer liquid).**

■ For stainless steel workpieces, apply the printing area with a dedicated primer wipe purchased from our official website to improve ink adhesion.

Use xTool OR1 Rotary Attachment for Omni Printer

Install the main unit of the rotary attachment

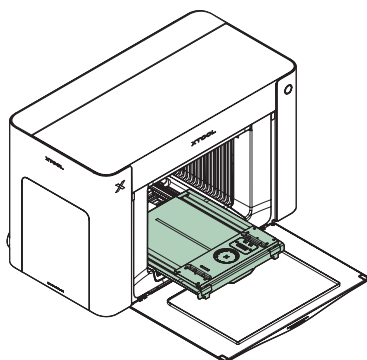
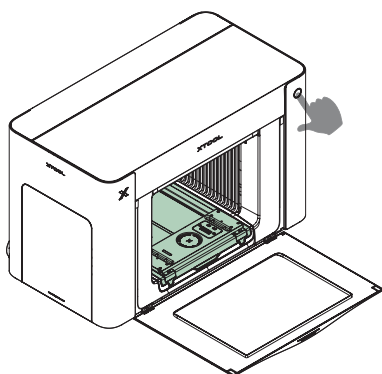
- 1 Ensure that xTool O1 Omni Printer is powered on. Press the Start/Stop button, and the extension base will automatically eject.



xTool O1 Omni Printer



If a baseplate is installed on the extension base, remove the baseplate first.



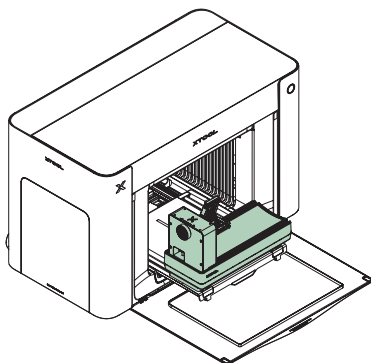
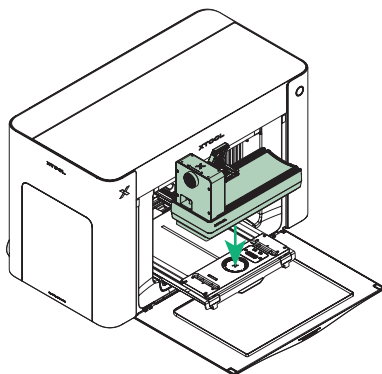
- 2 Install the main unit of the rotary attachment.



Rotary attachment main unit



Ensure that the main unit of the rotary attachment is securely installed on the extension base using magnetic attachment.

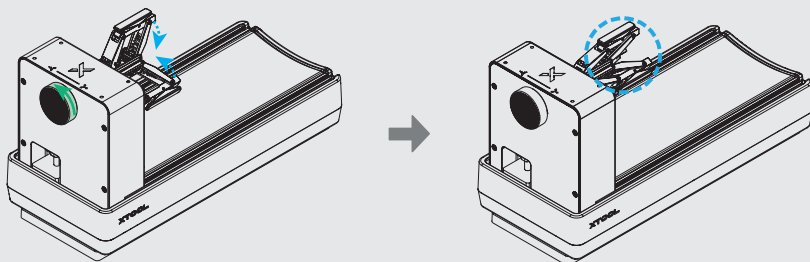


Axis calibration

There are four calibration dots on the rotary attachment, which are used for axis calibration. Ensure that the dots are clean and unobstructed. Follow the instructions in the xTool software to complete the axis calibration process.



Before performing axis calibration, ensure that no workpiece is installed. Turn the knob counterclockwise to adjust the opening angle of the jaw chuck to the minimum.



Install the workpiece—mug

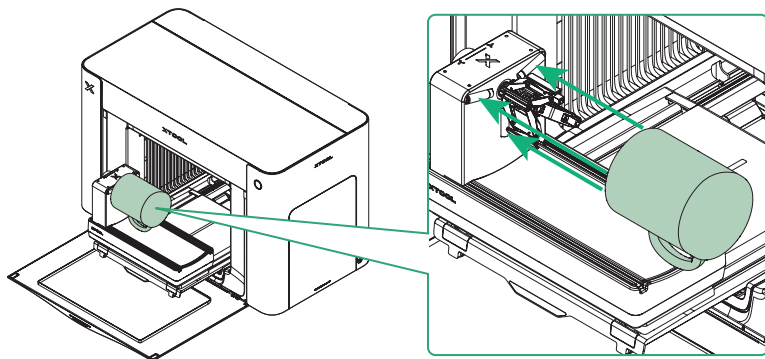


Mug

- 1 Fit the mug rim over the outside of the jaw chuck.

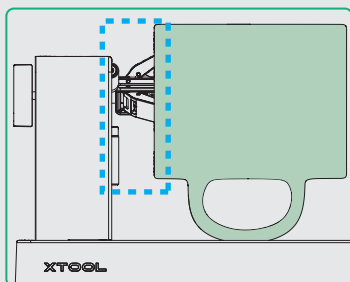
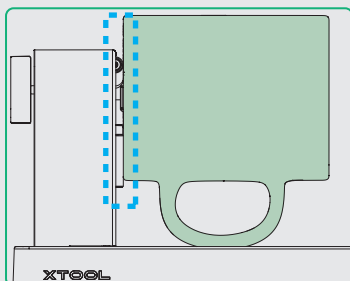


Do not use the jaw chuck to grip the mug for printing, as the mug may fall or the print may come out blurred.

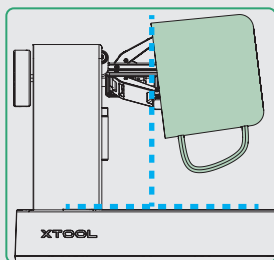
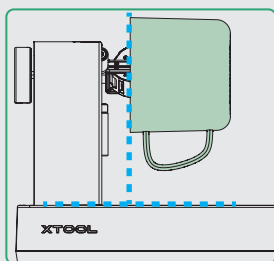




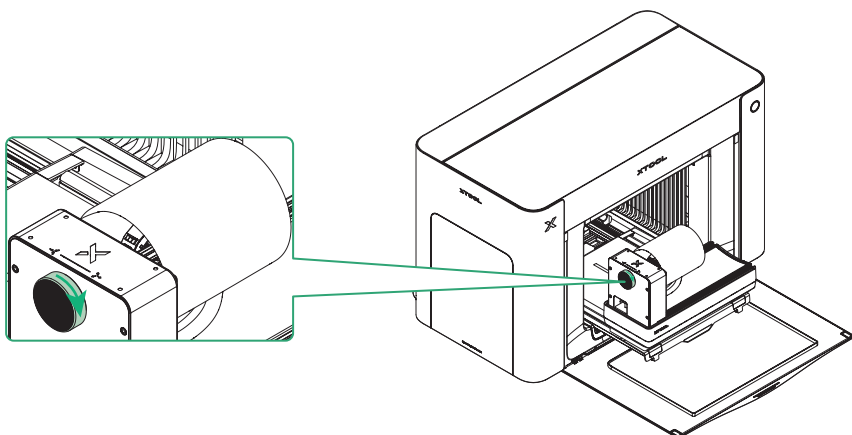
For optimal printing results, ensure that the rim is closely aligned with the positioning pins and the handle faces downward.



If the mug is too short to align closely with the positioning pins, adjust the rim so that it is perpendicular to the horizontal plane.



- 2** Turn the knob clockwise to gradually open the jaw chuck until it securely clamps the mug.



Install the workpiece—beverage can/spherical object



Beverage can



Spherical object

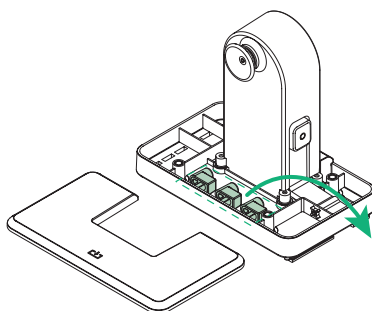
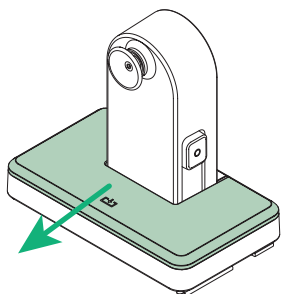


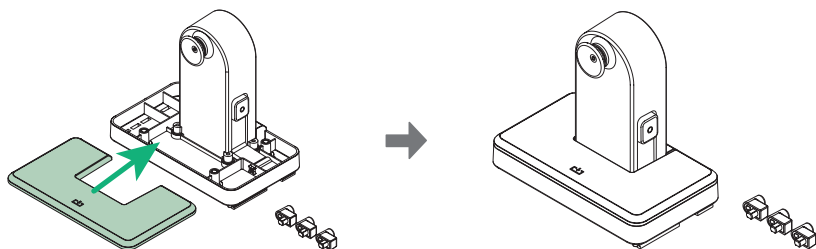
The installation steps for beverage cans and spherical objects are essentially the same. The following exemplifies the installation of a beverage can.

- 1** Open the cover plate on the tail module, remove the three jaws, and then restore the cover plate to its original position.

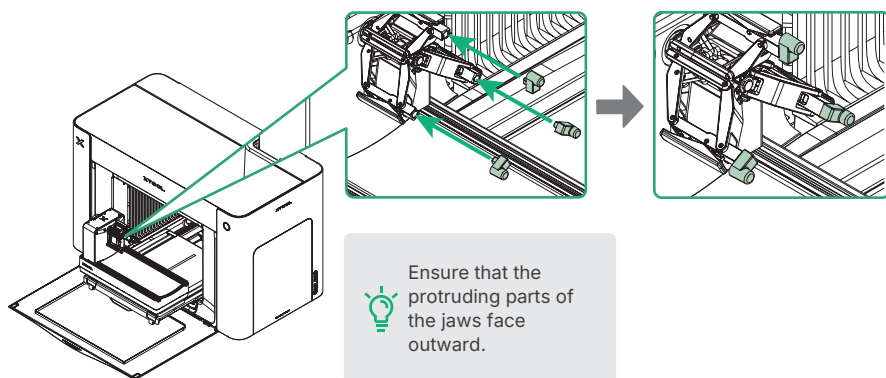


Tail module





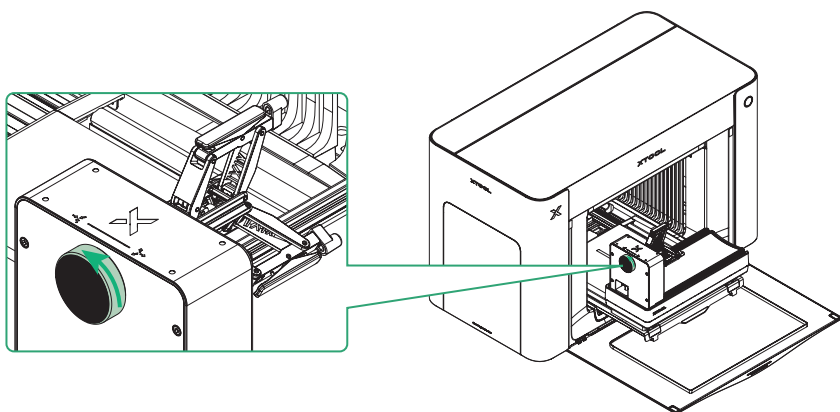
2 Install the jaws onto the jaw chuck.



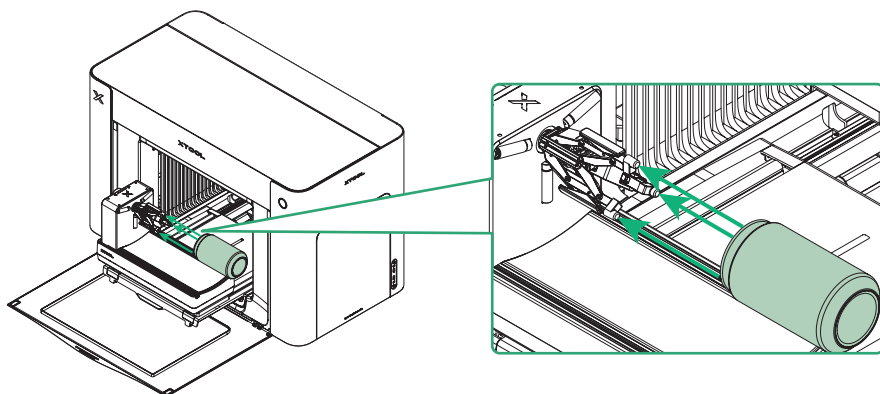
3 Turn the knob counterclockwise to appropriately reduce the opening angle of the jaw chuck.



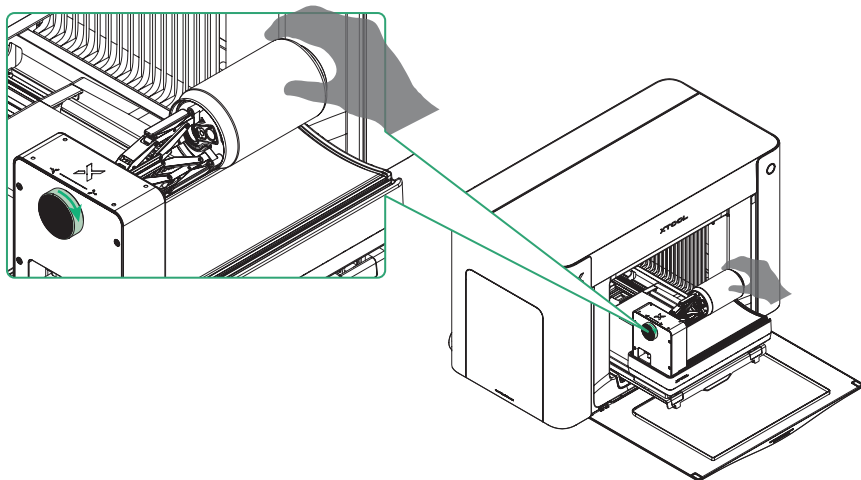
If the workpiece is a sphere, adjust the opening angle of the jaw chuck to the minimum.



- 4** Place the beverage can closely against the jaws.

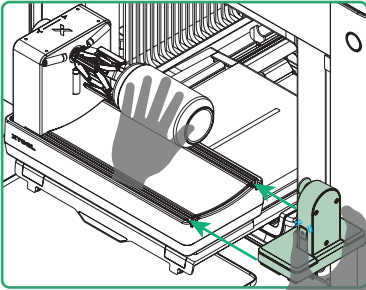


- 5** Turn the knob clockwise to adjust the position of the jaws, ensuring that the edges of the jaws fit closely against the edge of the top surface of the beverage can.

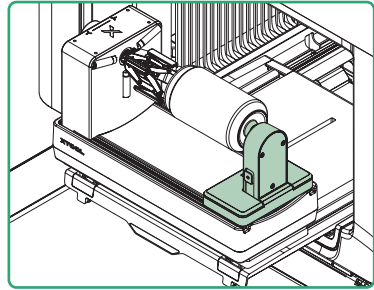


6 Install the tail module.

Press and hold the release button on the tail module, and slide the tail module along the tail module track.



Slide the tail module until it rests against the bottom of the beverage can.



Release the release button, and the tail module will automatically lock in its current position.

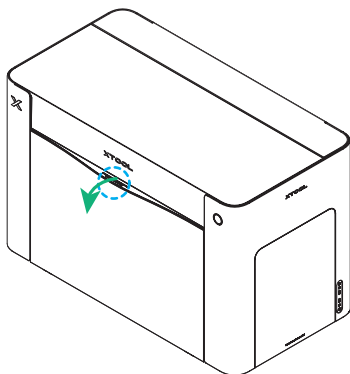
Print on the workpiece

Follow the prompts in the xTool software to complete printing.

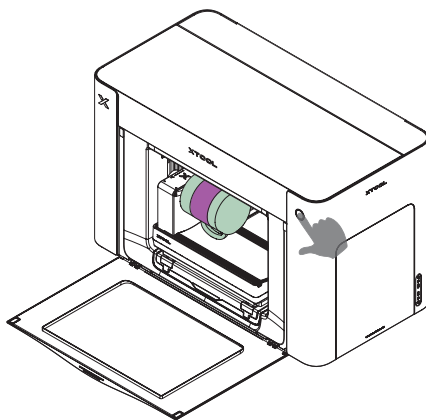


Get finished print

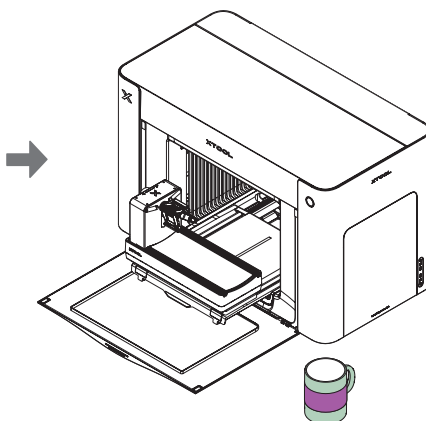
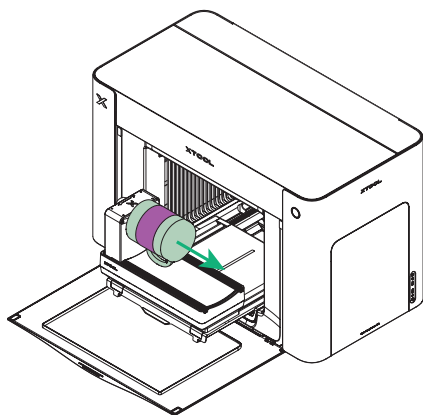
- 1 After processing is complete, open the front cover.



- 2 Press the Start/Stop button, and the extension base will automatically eject.



- 3 Remove the workpiece.



If the rotary attachment is no longer needed, simply lift it to remove.

XTOOL