



# POTTERY WHEEL user manual

## Sirius

Product Model: ILP-BP02NA





Thank you for your support of Jingdezhen Baitaohui Ceramic Equipment Co., Ltd.!

To better meet your needs and enhance your understanding of our products, we have prepared a comprehensive manual for our pottery wheel. This manual is designed to help you quickly address any issues you may encounter while using the product.

We hope this resource will be valuable to you and ensure a smooth experience with our pottery wheel.

Best regards,  
Jingdezhen Baitaohui Ceramic Equipment Co., Ltd.

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# 1. Product Overview

## BP02NA – Sirius Pottery Wheel

- **12" Aluminum Wheel Head:** Equipped with bat pins (10" on center) for seamless setup and adaptability.
- **500-Watt Brushless Direct Current Motor:** Offers a speed range of 0-300 RPM with a low starting speed of 5 RPM, ideal for precision work and maintenance-free operation.
- **Whisper-Quiet Belt Drive:** Maintains a tranquil studio environment without compromising on power, perfect for focused creativity.
- **88 lb Centering Capacity:** Sturdy, robust construction designed to handle larger projects effortlessly.
- **Forward/Reverse Wheel Head Direction:** Convenient switch to accommodate both right- and left-handed throwers.
- **Magnetic 2-Part Splash Pan:** Easy to remove and clean, keeping your workspace organized.
- **Freewheeling Wheel Head:** Doubles as a banding wheel, adding versatility to your studio setup.
- **Remote, Detachable Foot Pedal:** Waterproof for enhanced durability and precision control during extended sessions.

- **Adjustable Legs:** Customizable height options for ergonomic comfort, ideal for both tabletop and seated throwing.
- **5-Year Warranty:** Comprehensive coverage for parts and shipping, ensuring reliability and peace of mind.

Model	BTH-ILP-BP02NA
Rated voltage	AC 110V
Frequency	60Hz
Rated Current	4.54A
Rotating speed	0-300r/min
Turntable Dimensions	315mm (12.4 in)
Maximum load	88 lbs
Wheel head direction	CW/CCW
Noise	≤46dB
Dimensions	L680 x W640 x H580-680mm*
Net Weight	31kg ≈68.34lbs
	* Adjustable height

## 2. Packing List

The product you purchased includes the following content:

Parts	Quantity
Pottery wheel	1
Foot pedal	1
Water tray	1
Instruction book	1
Power cord	1
Aluminum disc removal wrench 5/16	1
Foot tube removal wrench 3/16	1

## 3. Installation Guide

### Environmental requirements

- This equipment should be placed on a cool, ventilated, dry, dust-proof and level ground

- The user must follow the electrical safety standards for wiring and installation. Single-phase electricity must be powered by a grid with a grounding wire; this equipment must be grounded before it can be put into operation. It is strictly forbidden to operate this equipment without a grounding wire. The power supply voltage is single-phase AC110V±10%, and the frequency is 60HZ.
- Need to adapt to the environment temperature 0-50 degrees Celsius, non-corrosive and no strong electromagnetic field radiation occasions
- The work site of this equipment should be kept well ventilated and avoid the motor overheating and burning the motor

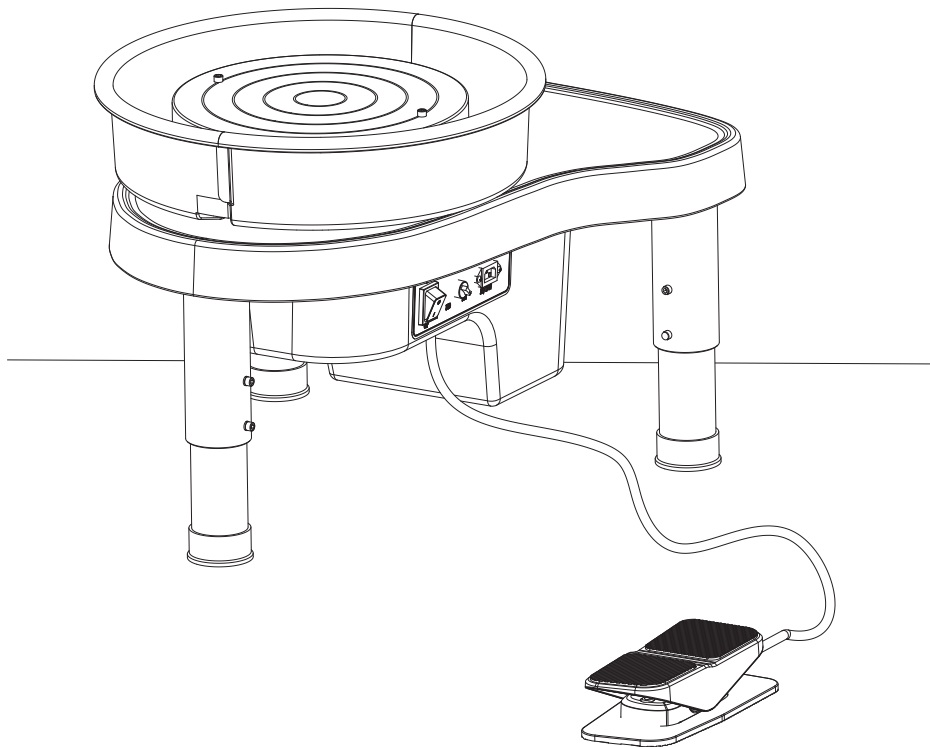




## Installation steps

### 1: Unpacking the Wheel

Making space for your wheel is essential—it's designed for big projects with a sturdy, heavy-duty build. **CAUTION:** This wheel is heavy, so plan its placement carefully to avoid unnecessary moving later.

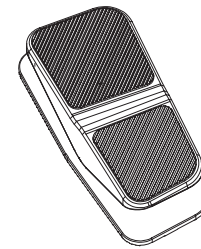


### 2: Checking Product Accessories

Before assembly, ensure all included accessories are accounted for:

- **Foot Pedal**
- **Water Tray (Splash Pan)**
- **Instruction Manual**
- Any additional accessories listed in the product details

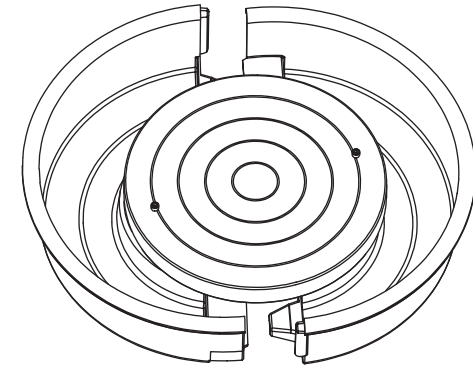
If anything is missing, contact customer support immediately.



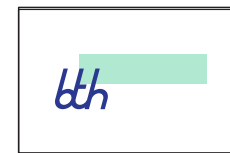
Foot Pedal X 1



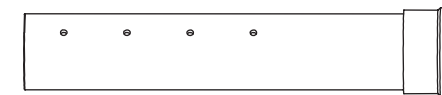
Bolts for Extension Legs X 6



Splash Pan x 1



User Manual X 1



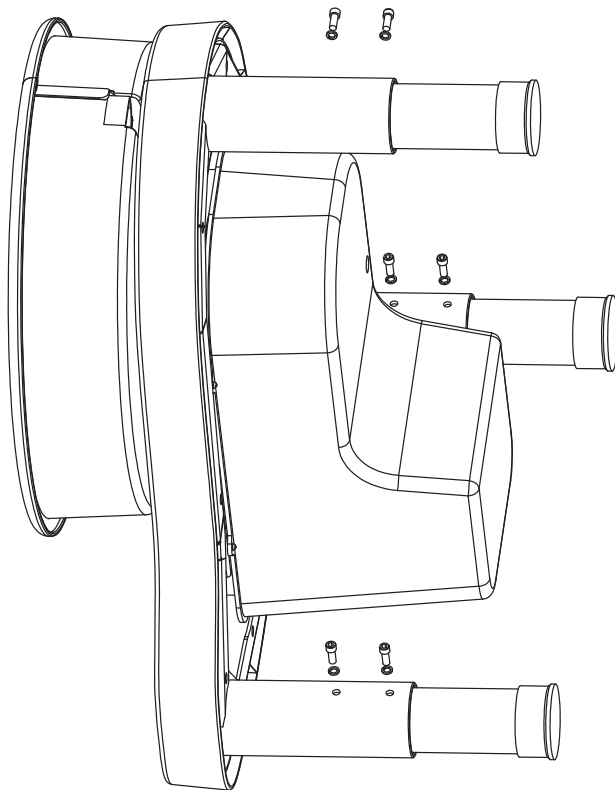
Extension Legs with Rubber Caps X3



## Installation steps

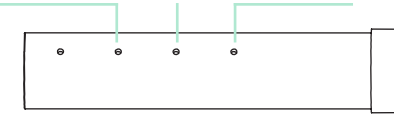
### 3: Attaching the Legs

1. **Rotate the Wheel:** Carefully rotate the pottery wheel to a 90° position from the ground.
2. **Leg Adjustment:** Use the provided **aluminum disc removal wrench (5/16)** to remove the two bolts in one leg.



3. **Extend the Leg:** Extend the leg to your preferred height. You have three height options:

15.74" 13.78" 11.81"



4. **Reinstall the Bolts:** After adjusting the leg to the desired height, place the bolts back in their original positions and tighten them securely.
5. **Repeat for Other Legs:** Ensure the other two legs are set to the same height as the first leg.

### 4: Setting Up Power and Foot Pedal

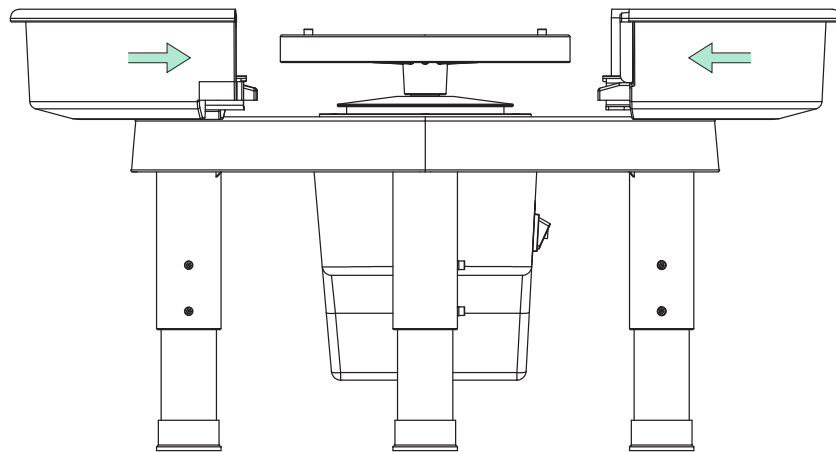
1. **Return Wheel to Standing Position:** Carefully place the wheel back in its upright, standing position.
2. **Connect the Power Cord:** Take the power cord from the box and plug one end into the right side of the wheel motor. Plug the other end into the AC power source.
3. **Connect the Foot Pedal:** Take the foot pedal and plug it into the connector under the BLDC motor.
4. **Power On Check:** If the power light (located on the right side of the wheel) is on, it means the wheel has successfully turned on and is ready for use.

This completes the setup for the electrical components of the wheel.



## 5: Splash Pan Installation

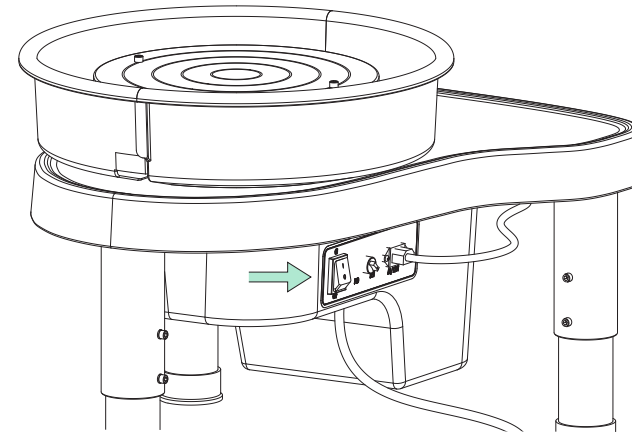
1. Align the splash pan with the groove under the seal range.
2. Gently insert the splash pan until you hear the “magic” click of it locking into place.
3. **IMPORTANT:** Do not force the splash pan; ensure it aligns perfectly with the same height before connecting.  
Enjoy throwing on your **Sirius – BP02**



## 4. User Manual

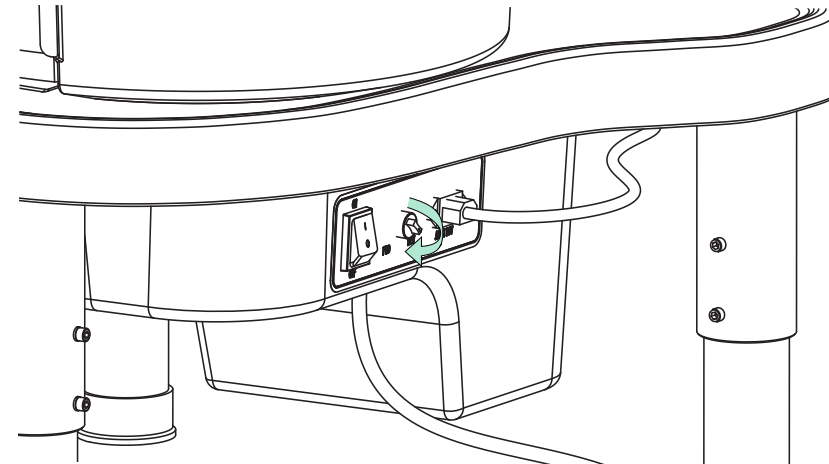
### 1, Power on

Turn on the power



### 2, Button adjustment

Switch power on and choose forward or reverse

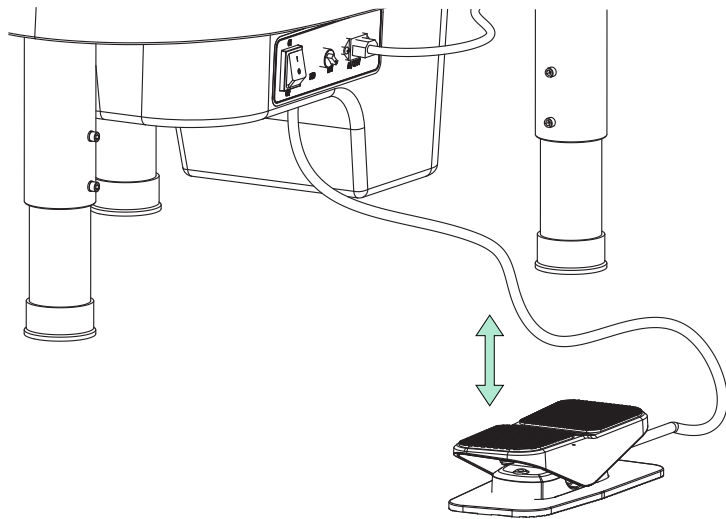






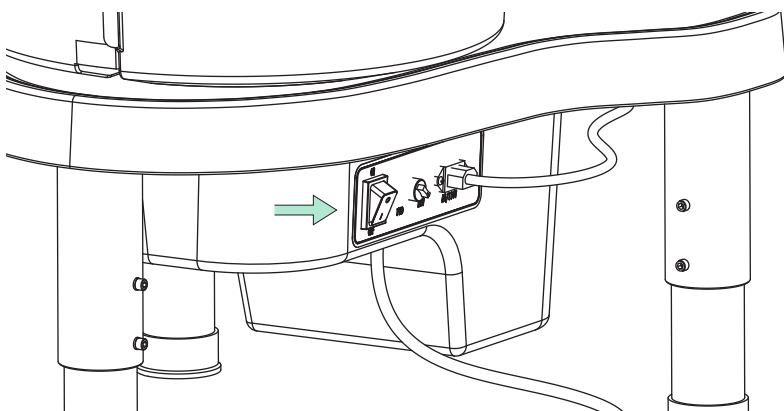
### 3, Throwing on top of the wheel

Use the foot pedal to control the speed



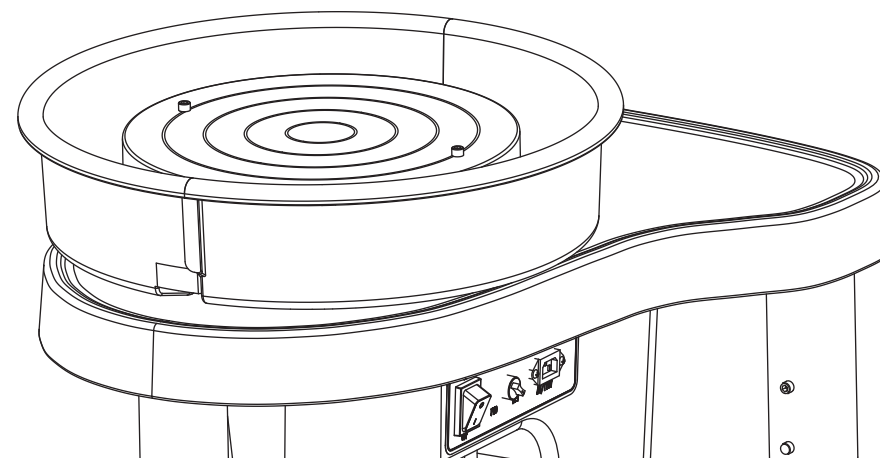
### 4, Disconnect the power

Prevent damage to the work caused by touching the foot pedal by mistake when picking up the work



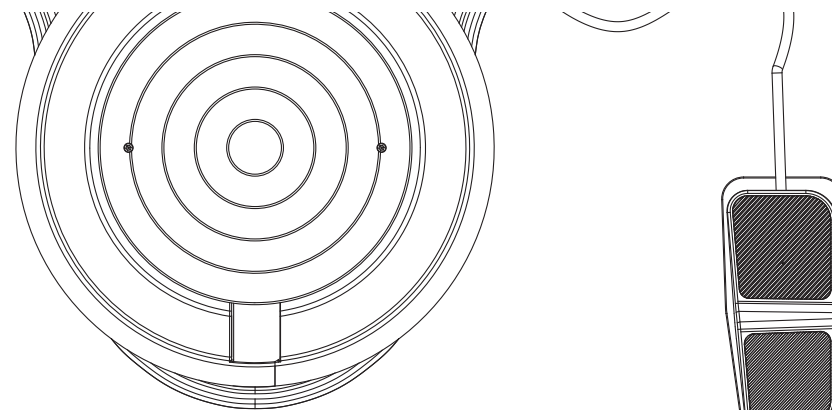
### 5, Take down the works

Gently take down the work and place it on a clean and flat bat



### 6, Equipment cleaning

After the work is finished, clean the water tray in time and wipe it gently with a damp table cloth





## Notice

- When this equipment is in use, it is forbidden to place any objects on the power cord. Please do not place the power cord where people move around.
- **It is strictly forbidden to cut off the power supply or press the emergency brake switch at will in non-emergency situations during equipment operation.**
- When the equipment is not in standby, it is recommended to turn off the power.
- After the equipment stop running, the mud surface of the turntable needs to be cleaned to wipe off the water stains on the turntable, to avoid corrosion of the turntable caused by mud and water stains; during the cleaning process, the power supply must be cut off before cleaning. **Do not directly use water to avoid damaging electrical parts, can be wiped with a damp cloth.**

## 5. Daily maintenance and Safety Guidelines

To ensure the longevity and proper functioning of your pottery wheel, please follow these daily maintenance guidelines:

- **Foot Pedal Check:** Ensure that the foot pedal responds sensitively and returns clearly to its original position. The pedal should operate smoothly for stable use.
- **Power Cord & Wiring:** Inspect the power cord for any damage. If the electrical wiring terminal is loose, tighten it to ensure a secure connection.
- **Clean Equipment Panel & Control Switch:** Regularly clean the control panel and switches to keep them dry and free from dirt and debris.
- **Avoid Overloading:** Never overload the equipment, as this can significantly shorten its service life.
- **Check Fasteners:** Every three months, inspect the fasteners of the equipment to ensure they are secure and not loose.
- **Water Tray Placement:** Before starting the pottery process, ensure the water tray is properly positioned to prevent muddy water from entering the equipment



and damaging the electrical components.

- **Emergency Stop Switch:** Always press the emergency stop switch after using the equipment, and then cut off the power. Do not turn off the power unless it's an emergency.
- **Avoid Disassembly:** Do not disassemble or reassemble the pottery wheel and controller on your own. If necessary, contact customer service for assistance.
- **Cleaning:** Clean the equipment by wiping it down, not by washing it with water. This prevents water from entering the interior and damaging the electrical components.
- **Power Off When Not in Use:** Always turn off the power when the equipment is not in use to prevent any accidents.

By following these daily maintenance steps, you can keep your equipment in top working condition and extend its service life. If you have any questions or need further assistance, please reach out to our customer service team.

## 6. Warranty (Replacement) Period

The warranty period is five years, covering defects under normal use. Damage caused by improper or abnormal use is not included, and gift items are not covered by the warranty. In case of equipment failure, please contact our company promptly and provide details of the issue.

Classify	Parts	Warranty(year)
Electrical part	Pottery wheel host	5
	Direct motor	5
	Power switch	5
	Leakage protection switch plug	5
	Inverse switch	5
	American power cord	5
Mechanical part	Turntable	5
	Splash pan	5
	Foot pedal	5



## 7. Warranty Claim Procedure

Before sending any equipment for repair, please contact your dealer or the BTH manufacturer at [technical-support@jdzbth.com](mailto:technical-support@jdzbth.com) to request relevant after-sales video instructions. Below is a list of available after-sales video content based on the pottery wheel model:

### **BP02 POTTERY WHEEL**

1. Motor replacement
2. Motor cover replacement
3. Power switch replacement
4. Foot pedal and power connection cable replacement
5. Controller replacement
6. Aluminum plate replacement
7. Belt tightness adjustment
8. Support foot adjustment

## 8. Maintenance Services

Method No.	Step 1
1	Contact the dealer
2	Contact the dealer
3	Contact BTH manufacturer
4	Contact the dealer
5	Contact the dealer
6	Contact BTH manufacturer

## 8. Maintenance Services

Step 2	Step 3	Note
Go to the dealer to pick up the parts	Disassemble, install, and replace parts using related videos	Videos are available by contacting the dealer or manufacturer.
Dealer mails parts and provides a tracking number	Disassemble, install, and replace parts using related videos	Customer pays shipping and provides tracking.
BTH manufacturer mails parts and provides a tracking number	Disassemble, install, and replace parts using related videos	Customer pays shipping and provides tracking.
Deliver defective pottery wheel to the dealer (in-person or by delivery)	Dealer repairs the wheel; customer picks it up	Customer pays shipping and provides tracking.
Deliver defective pottery wheel to the dealer (in-person or by delivery)	Dealer ships the repaired wheel back to the customer	Customer pays shipping and provides tracking.
Send defective pottery wheel to BTH manufacturer	BTH repairs and returns the wheel to the customer	Customer pays shipping and provides tracking.

### Exclusions from Warranty Coverage

- **Shipping Charges:** Costs associated with shipping products to and from distributor or manufacturer locations for repair.
- **Labor Fees:** Costs for removal, reinstallation, or any labor fees related to products modified from their original state.
- **Other Costs:** Secondary expenses or losses, as determined by BTH.

For further assistance, please contact us at [technicalsupport@jdzbth.com](mailto:technicalsupport@jdzbth.com).



## 9. After-sale Support

**Company name:**

Jingdezhen Baitaohui Ceramic Equipment Co.,Ltd

**Company address:**

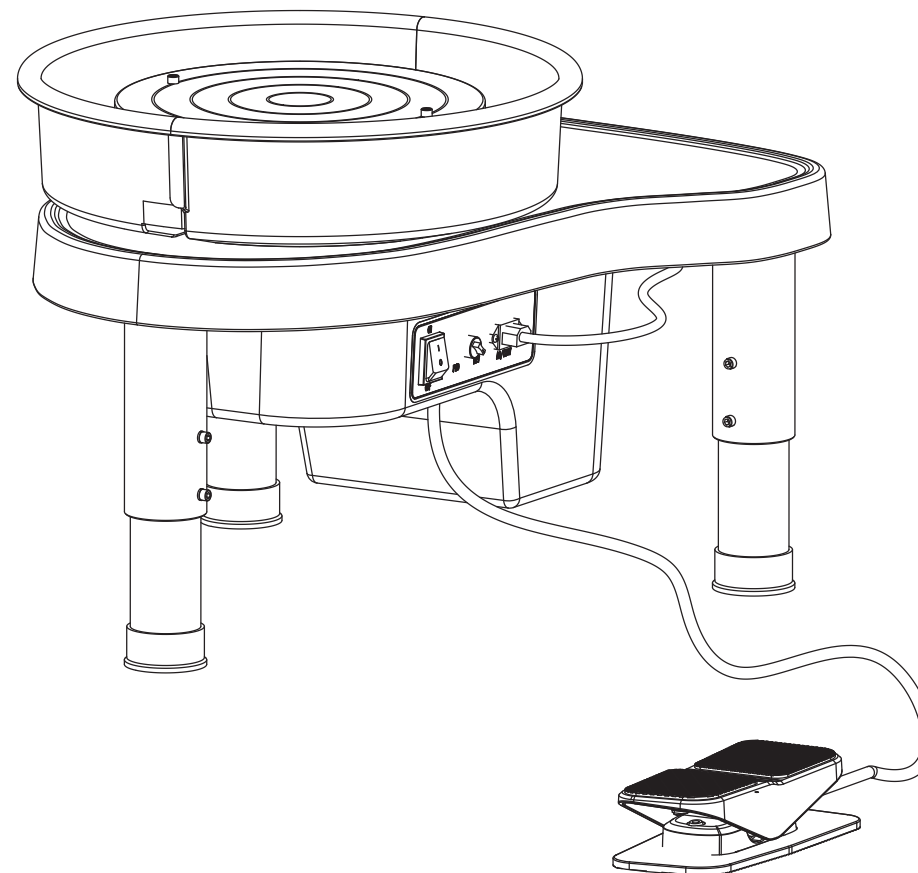
Building B9, Acceleration Base, Changnan New District,  
Jingdezhen City, Jiangxi Province, China

**Company website:**

[www.jingdezhen-ceramics.com](http://www.jingdezhen-ceramics.com)

**Email address:**

[technicalsupport@jdzbt.com](mailto:technicalsupport@jdzbt.com)







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[technicalsupport@jdzbtb.com](mailto:technicalsupport@jdzbtb.com)