



SLAB ROLLER user manual

Product Model: INB-SD01A





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 the slab roller. 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 slab roller.

Jingdezhen Baitaohui Ceramic Equipment Co., Ltd.

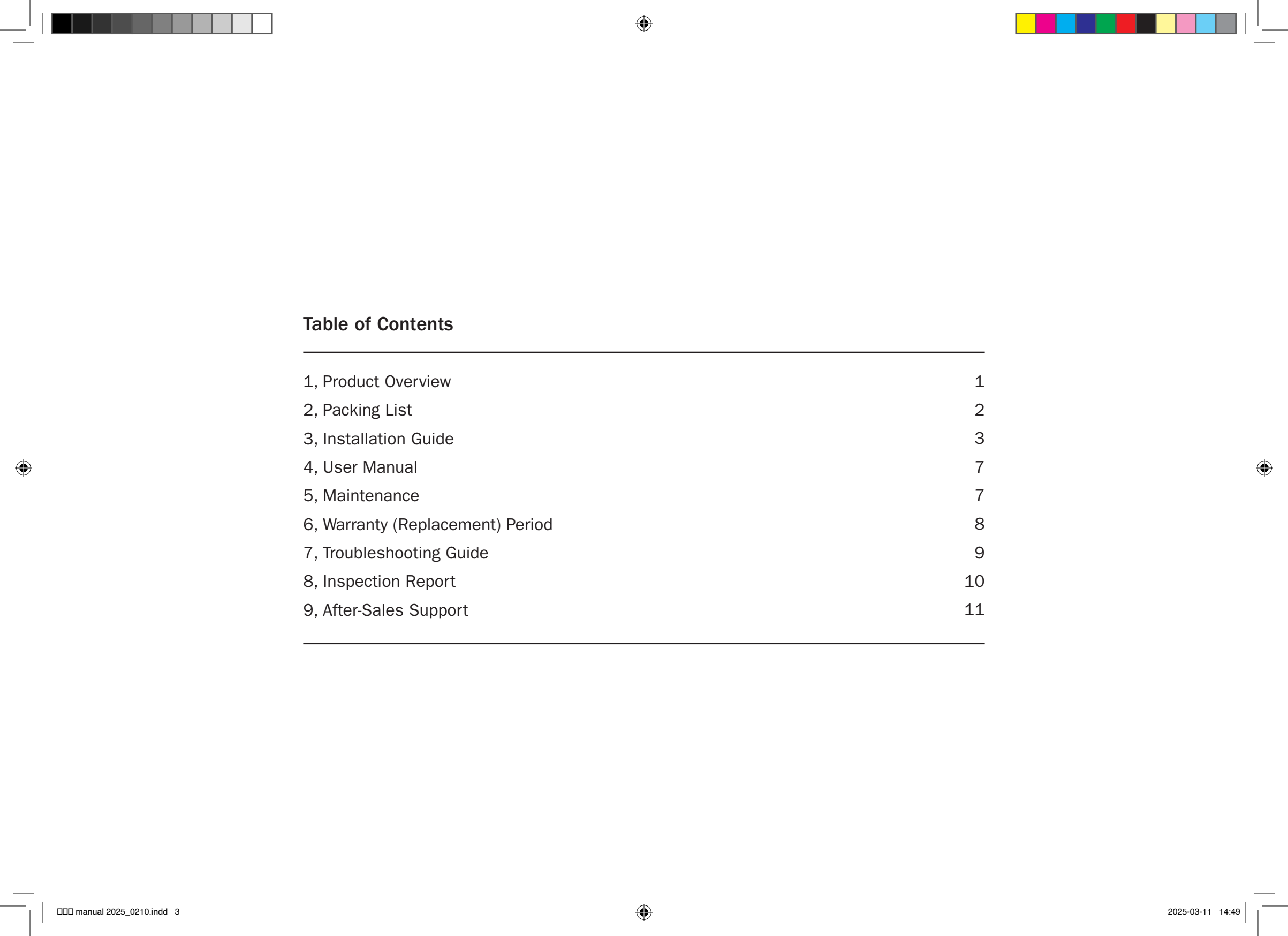


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1. Product Overview

INB-SD01A Slab Roller

This equipment features an innovative dual-roller design, with upper and lower rollers rotating at the same frequency for smooth and efficient operation. The synchronized gear transmission system ensures stability while saving time and labor.

Key Features:

- **Precise Thickness Adjustment:** Equipped with a mud pressure regulator with a precision scale, allowing slab thickness adjustment from 0 to 60mm.

- **User-Friendly Operation:** The system is driven by a large handwheel, making the process smooth, safe, and effortless.
- **Enhanced Convenience:** A removable PP board on the support panel allows for easy cleaning and mobility.
- **Sturdy & Detachable Design:** The supporting feet are detachable for easy installation, and the support panel is designed to prevent the wooden board from falling during use.
- **Extended Work Area:** The support plates on both ends can be stretched to increase the panel's movement range while ensuring stability.

Parameter

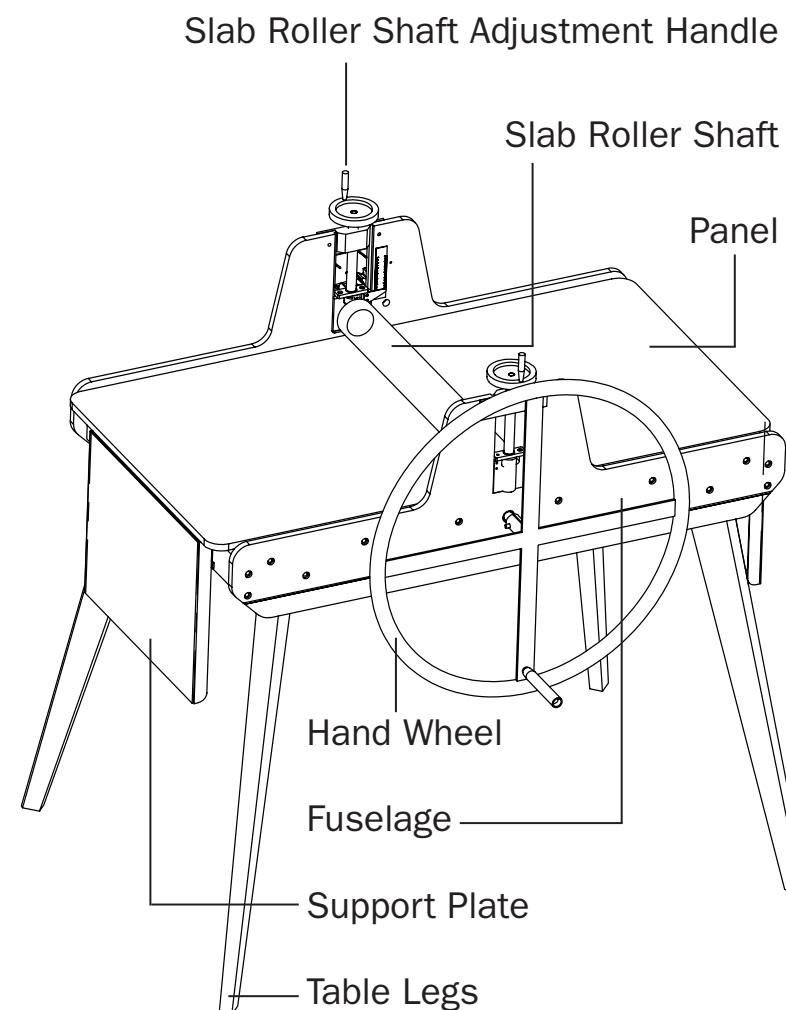
NO.	Name	Specification(mm)	Notes (inch)
1	Model	BTH-INB-SD01A	BTH-INB-SD01A
2	Overall Dimensions	1550×760×1100	61.0 × 29.9 × 43.3
3	Worktable Surface Size	1020×550	40.2 × 21.7
4	Worktable Height	825	32.5
5	Adjustable Slab Thickness	2–60	0.08–2.36
6	Net Weight	55Kg	55Kg

2. Packing List

The product you purchased includes the following content:

NO.	Parts	Unit	Quantity
1	Table legs	Set	1
2	Fuselage	Set	1
3	Panel	pc	1
4	Hand Wheel	pc	1
5	Linen Cloth	pc	1
6	5mm Allen Wrench	pc	1
7	Instruction Book	pc	1

Schematic Diagram of Names of Equipment Parts



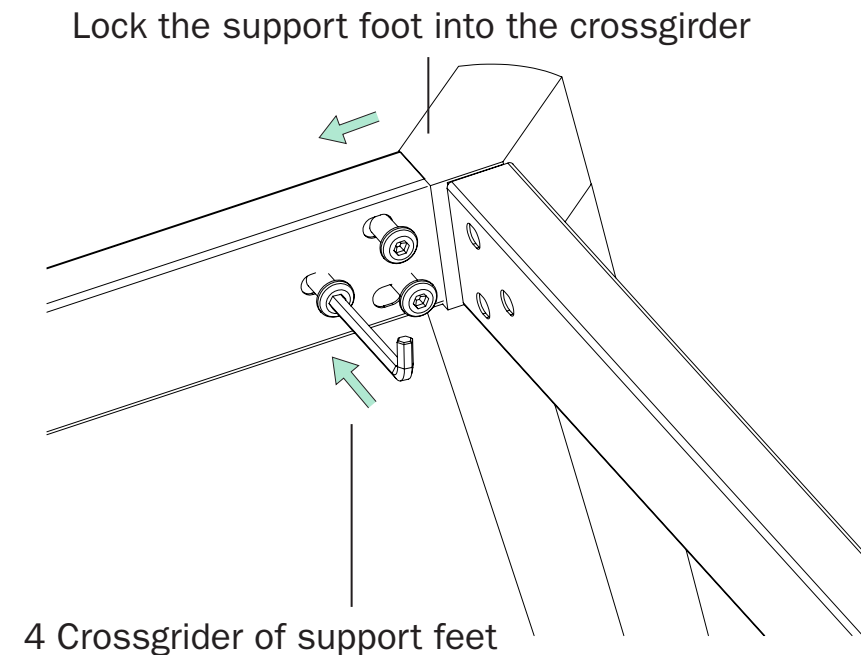
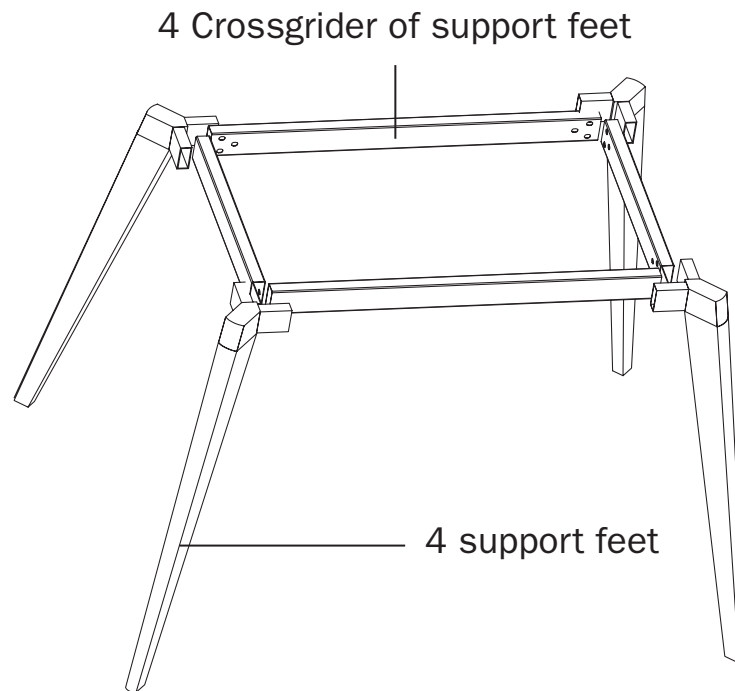


3. Installation Guide

- Connect the 4 support rods of the chassis of the slab roller with the 4 connecting beams, and fix and tighten each support leg with 6 M6*16 hexagon socket bolts to confirm the stability of the 4 support legs.
- Fix the fuselage to the connecting rod with 4 M6 inner hexagon bolts.

- Put the handwheel into the connecting rod of the rotating shaft, fix and tighten it with 1 M6 inner hexagon bolt.
- Rotate the support plates at both ends 90 degrees and lay them flat, and the notches of the support rods are snapped into the fixing bolts.
- Put the mud-making support plate into the rotating roller of the equipment.

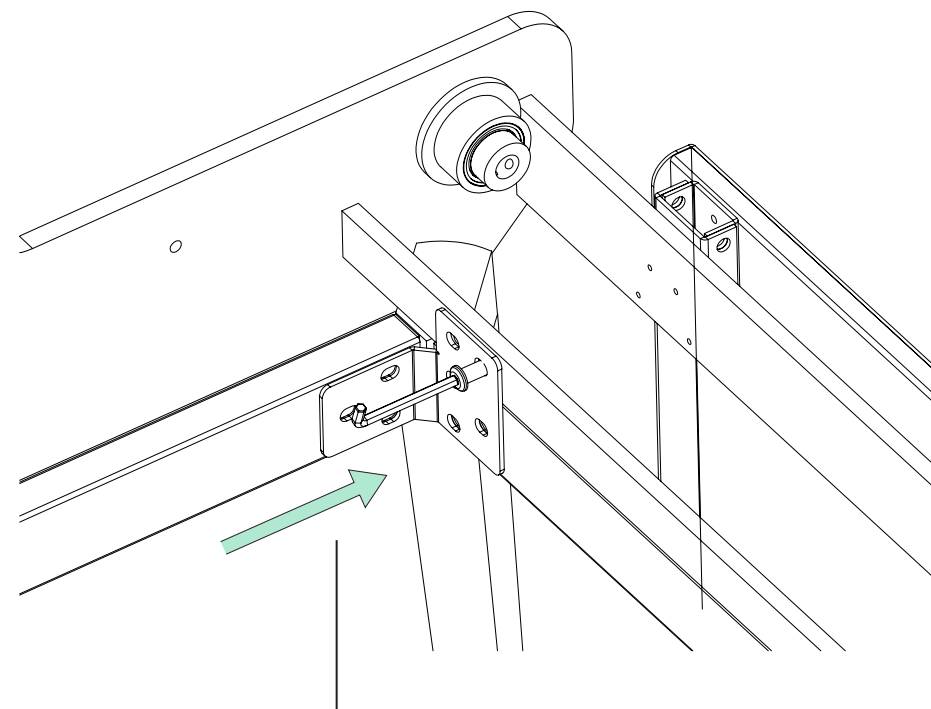
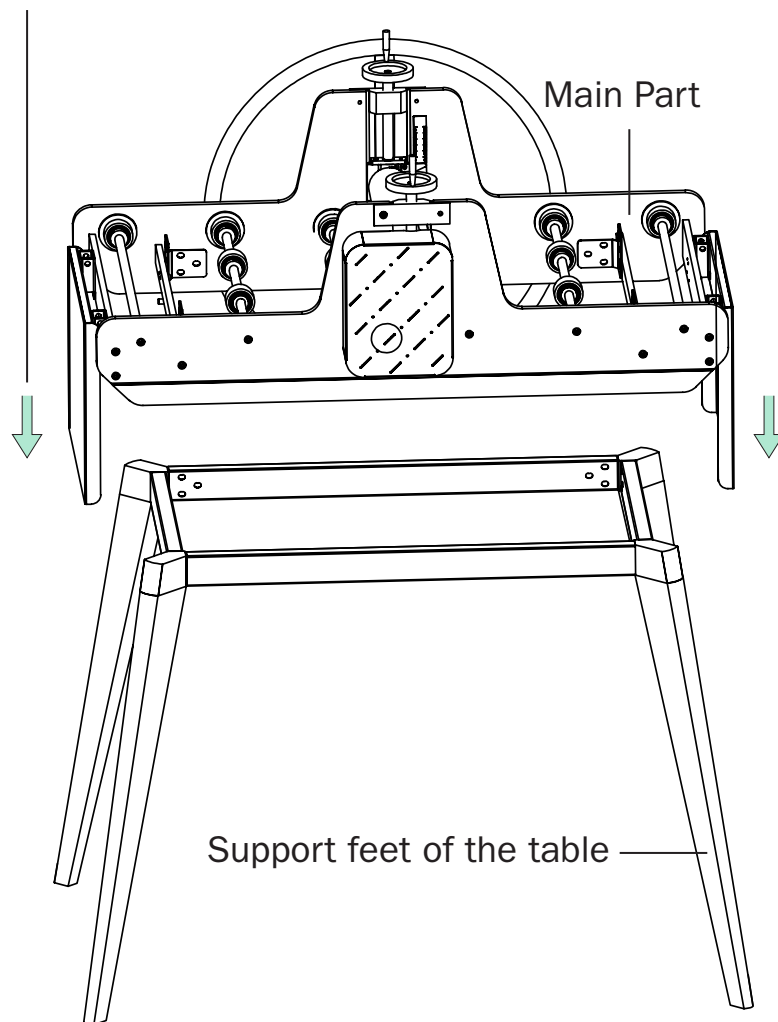
Install foot for the slab machine





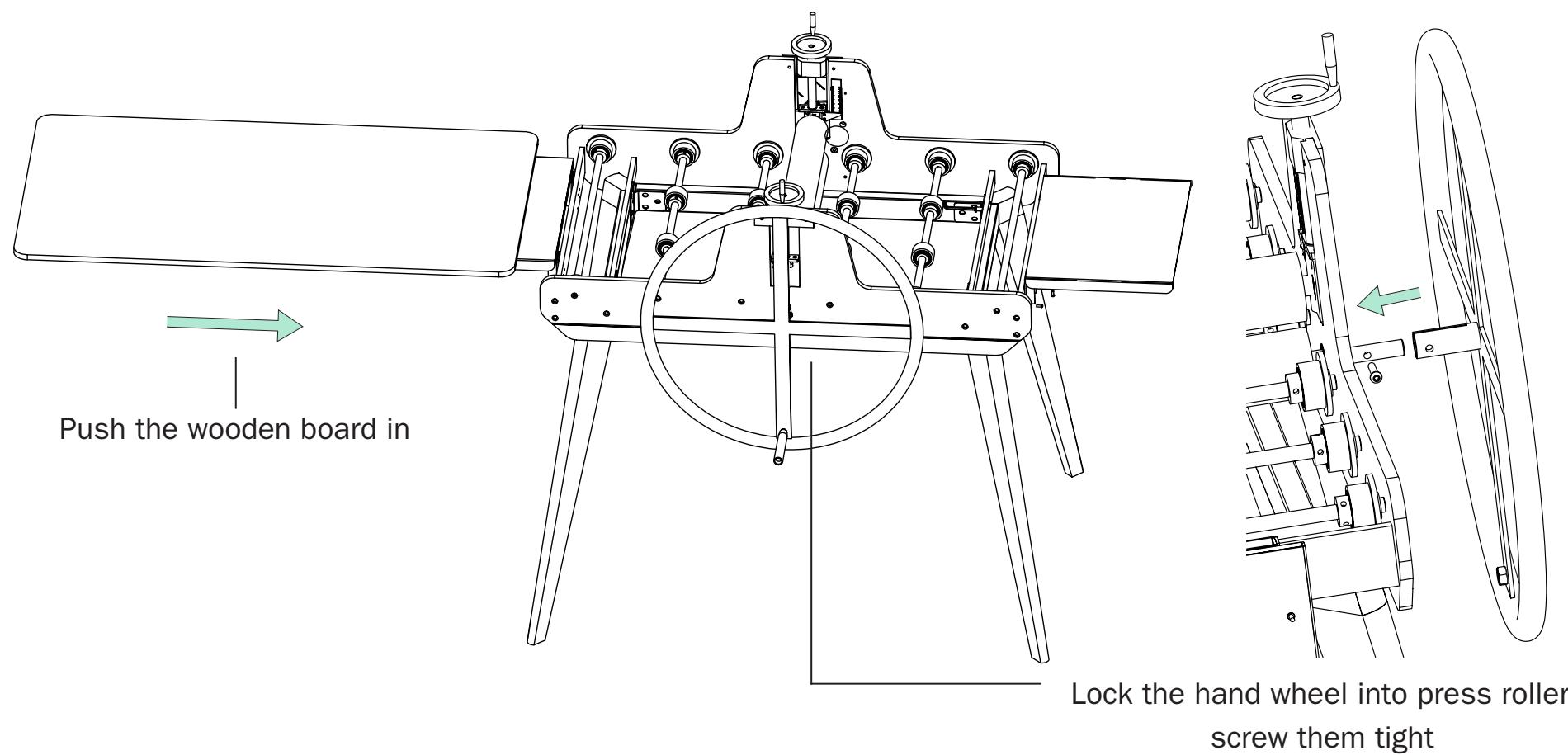
Install main part of slab machine

Put main part on top of feet



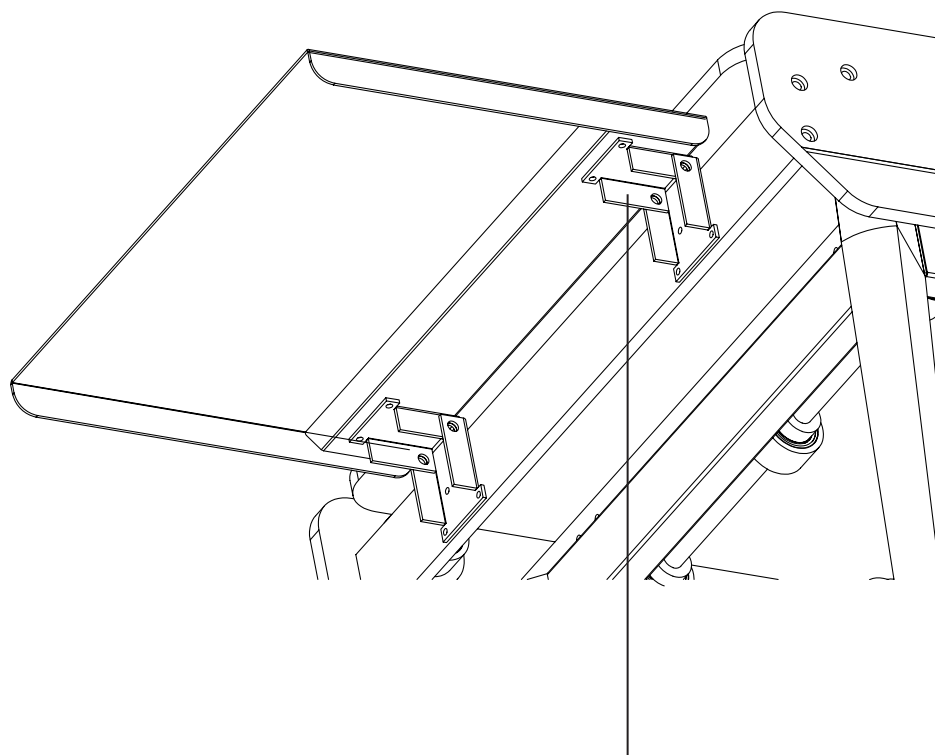


Install support board, hand wheel and wooden board



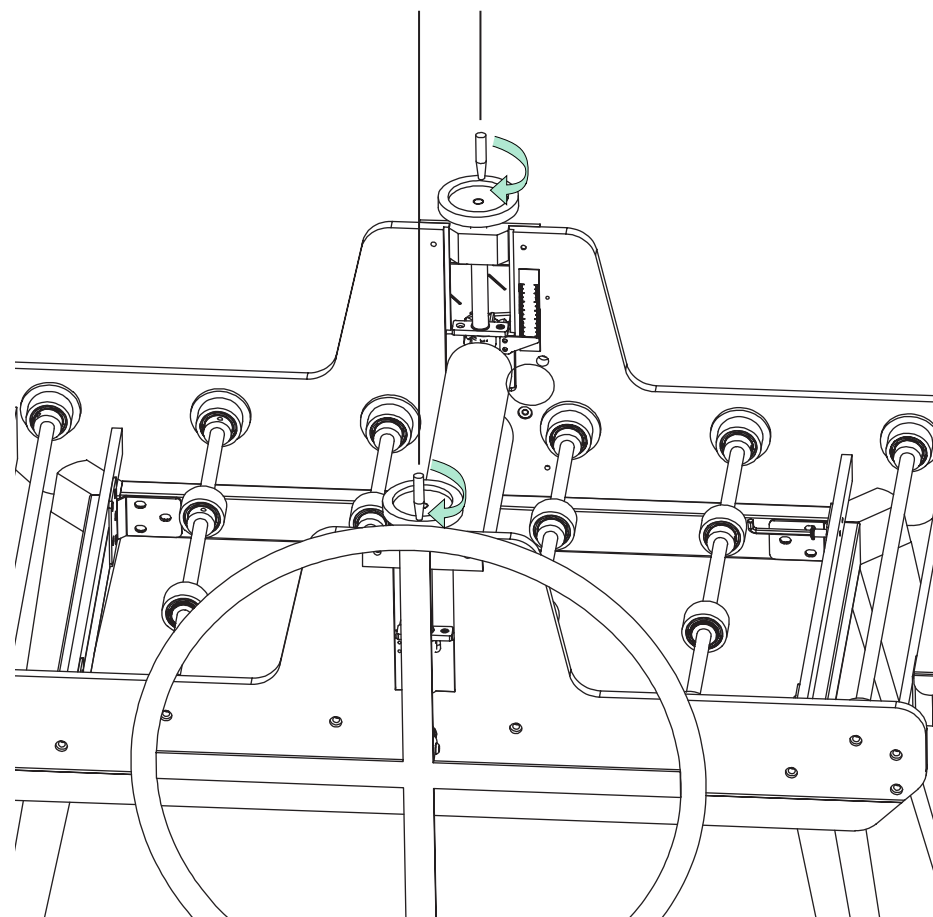


Install support board, hand wheel and wooden board



Open the support brackets at both ends from the bottom upwards, the movable hinge will automatically lock into place

The dual wheels rotate in the same direction, with **clockwise** rotation for **tightening** and **counterclockwise** rotation for **loosening**.





4. User Manual

Steps

- Fully open the white linen cloth and place it on the mud support plate, then evenly spread the clay on the sackcloth(the length of the mud material should not exceed 1/2 of the linen cloth), so as to avoid overflow when pressing the mud, and then cover the other half of the linen cloth on the Clay.
- The open overlapping end of the linen passes through the rotating shaft so that the linen can be pressed against the linen when pressing the clay to prevent the clay from slipping.
- Visually measure the unpressed thickness of the clay, and adjust the shaft adjustment handles of the slab rollers on the left and right sides synchronously until the required reasonable size is maintained, and the scale sizes on both sides are kept consistent. It is recommended that the thickness of a single clay plate be controlled within 8mm.
- Turn the handwheel with one hand, and slightly push the panel with the other hand, so that the roller shaft will automatically pull the clay into the roller shaft for pressing, and press back and forth step by step.

- Pull out the mud support panel, turn the finished clay board 180 degrees onto the workbench, then put the mud support panel back into the mud board machine, pull out the sackcloth and clean it up.

Precautions

- This equipment must be placed in a cool, ventilated, dry, dust-proof and level place.
- When using, you need to pay attention to the rotation speed and uniform force to avoid damage or deformation of the mud plate.
- The moisture content of the mud should be appropriate during operation, if it is too dry, it will easily damage the transmission parts of the machine.
- Step-by-step operation principles are adopted when pressing the clay board. If the handwheel is laborious to rotate, it can be pressed back and forth.
- After use, please clean the machine in time for the next use.

5. Maintenance

Steps

- Please add 75W/90 grease to the thread of the rotating handle of the mud roller shaft on both sides.



- Check whether the fixing bolts of the movable support plates at both ends are loose.
- Check whether the support rod of the chassis is loose.
- Check whether there are scratches and particles on the surface of the mud support plate.
- Check whether there is mud on the surface of the slab roller shaft.
- Check that the surface of the linen cloth is clean.

6. Warranty (Replacement) Period

Except for man-made, abnormal use damage or irresistible factors, the machine is guaranteed for one year (gifts are not covered by the warranty).

No.	Parts	Warranty(year)
1	Frame	1
2	Mud support plate	1
3	Slab roller press shaft	1
4	Hand wheel	1

Product warranty, after-sales service terms

When the product needs to be returned to the factory for maintenance, please contact the after-sales customer service first.

Precautions:

Except for man-made or abnormal use damage, the equipment breaks down under normal use and maintenance. After verification, the whole machine is guaranteed for one year from the date of purchase.

The following conditions will not be repaired for free:

- Equipment damage due to incorrect installation.
- Equipment damage due to irresistible natural disasters.
- Equipment damage caused by failure to operate normally according to the instructions.
- Equipment damage caused by self-disassembly and modification of parts.

As the technology continue to advance and product performance improves, this manual may be updated in the future without prior notice. We appreciate your understanding.

7. Troubleshooting Guide

This troubleshooting guide is intended exclusively for certified professional electrical engineers as a reference for maintenance purposes. Non-professionals are strictly prohibited from referencing or performing maintenance based on this document.

Symptom	Cause	Solution
Clay boards vary in thickness	Rotating rollers shaftdown to different sizes	Adjust the left and right pointers to the consistent scale.
The clay board does not move	The mud is too dry and the too hard	Replace mud
Slab break	The mud is too dry and the too hard	Replace mud
Clayboard has impurities	1, Mud material problem 2, Impurities on the linen	1, Replace mud 2, Cleaning linen

Note:

Due to the diversity and uncertainty of on-site equipment issues, multiple faults may occasionally occur simultaneously within the equipment, necessitating flexible analytical approaches for accurate on-site diagnosis and maintenance.

This guideline is provided for reference only.



8. Inspection Report

Inspection items	Inspection requirements	Inspection Result
Main structure and size	According to the drawing structure and requirements.	Yes
Welding Appearance Quality	The weld is well formed, the transition is smooth and straight, the joint is good, there is no arc crater, welding tumor, surface slag inclusion, and no incomplete penetration and infusion are allowed.	Yes
Grinding and rust removal quality	Rust, oil stains, burrs, etc. are completely removed, and the weld seam must be smooth and uniform after grinding.	Yes
Surface treatment	Uniform color and gloss, no bubbles, cracks, etc.	Yes
Signs and accessories	The label is complete and correct, and the accessories are complete.	Yes
This product has passed the inspection and is allowed to sell		



9. After-sale Support

Company name:

Jingdezhen Baitaohui Ceramic Equipment Co.,Ltd

Company address:

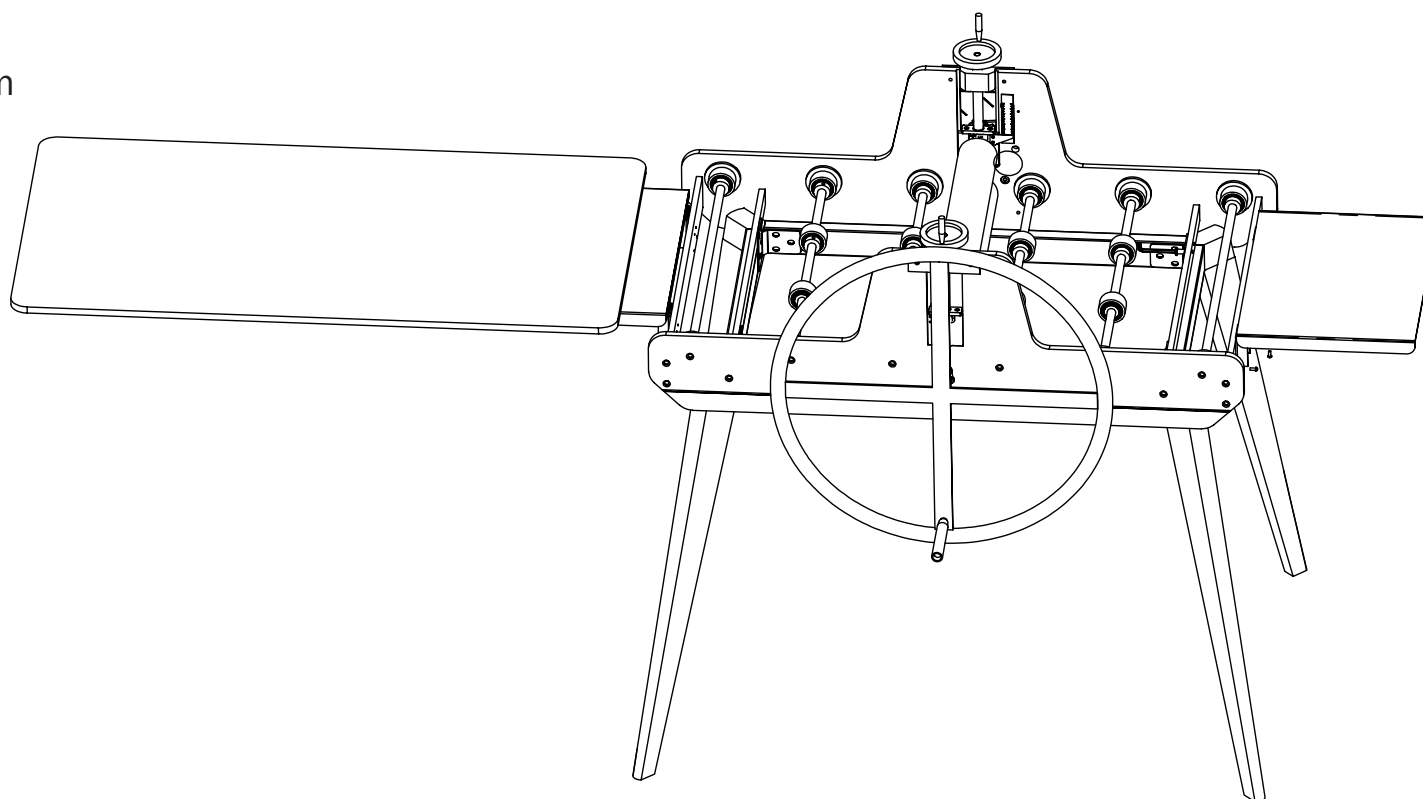
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