



SKUTT
POTTERS WHEELS

Thomas Stuart Signature Series

Skutt Potter's Wheel

Operating Manual



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Be Safe

- Do not run cord under carpets or cover cord with a rug or runners. Be sure cord cannot be stepped on or tripped over.
- If you experience any malfunctions with your wheel, discontinue use. Return the wheel to an authorized repair center for repairs. (See Warranty Procedure)
- Do not use outside.
- If using an extension cord, make sure it is sized correctly. A general rule of thumb – never plug a larger diameter cord into a smaller diameter extension cord. Make sure the wire size is the same on both.
- The plug is designed, for safety purposes, to fit in the wall outlet only one way. If you are unable to fit the plug fully into the outlet contact an electrician. Be sure plug fits tightly into outlet. A loose fit will cause overheating and damage to the plug or the wheel. Plug the wheel directly into AC wall outlet. Do not defeat the safety feature of this plug by removing the grounding prong on the cord.
- Unplug the unit from the wall receptacle during electrical storms to prevent accidental damage by power surges. A fuse is built in as a safety feature on the back of the control box.
- Always unplug the wheel before attempting any adjustment or repair of this wheel. Never operate this wheel with any of the safety guards removed. **DO NOT ATTEMPT TO REVERSE THE WHEEL DIRECTION WHILE THE POWER TO THE WHEEL IS ON OR THE WHEEL HEAD IS MOVING**

Unpacking

Damaged cartons generally mean damaged contents. Refuse any shipments where there is major damage to the contents or before you sign, have the delivery person make a full description of breakage or damage on both copies of the freight bill. Be sure to unpack your wheel as soon as possible. You have only a few days to file a claim for concealed damage. In case concealed damage is discovered during unpacking, save all cartons and packing materials. Contact the delivery company immediately and make arrangements for an inspection or return of the entire wheel to their claims department. Tell the claims agent that this wheel is ISTA 3c certified and that UPS's testing facility has tested and approved the shipping carton according to these standards. If they need a case number, have them contact us directly. We recommend you save the shipping containers in case you should ever have to return the wheel for service. Please go online to www.skuttwheels.com/warranty register your warranty.

Operation

If your wheel is equipped with a reversing switch you have the option of having the wheel spin counterclockwise (Right Handed) or Clockwise (left handed). All Skutt Wheels models have a reversing switch except the Prodigy. All Skutt Wheels are shipped set to turn Counter Clockwise.

After you have completely unpacked the wheel, place the wheel head on the shaft and twist in the opposite direction the wheel will be spinning until the wheel head locks in place (about $\frac{1}{4}$ turn).

Plug the wheel in and turn it on using the switch on the side of the control box. The light on the switch will come on when there is power to the wheel. Wheels equipped with an SSX upgrade do not have a lighted switch.

If the wheel head moves up and down as it rotates, stop the wheel, remove the wheel head and turn it 180 degrees and place it back on the shaft. Sometimes the anti-seize lubricant we cover the shaft with needs to be smoothed out to prevent the wheel head from bobbing. To prevent the wheel head from sticking in the future, we recommend occasionally using a small amount of anti-seize lubricant on the shaft. This is available from most auto supply stores or can be ordered directly from Skutt.

Press down on the foot pedal to control the speed of the wheel. The pedal is not spring loaded so it will hold at any speed you want when you take your foot away from the pedal.

It is normal to hear a little noise in the motor when you first start using your wheel. It takes a while for the

brushes to seat to the commutator. After a few hours of use the noise should calm down.

CHANGING THE DIRECTION OF THE MOTOR

Make sure the power switch is turned off before changing the direction of the wheel. The direction of rotation of the wheel head is controlled by the switch on the motor. To reverse the direction, turn the switch to the opposite position. Changing direction of the motor while power is on will damage the controller and motor and will not be covered by the warranty.

DO NOT ATTEMPT TO REVERSE THE WHEEL DIRECTION WHILE THE POWER TO THE WHEEL IS ON OR THE WHEEL HEAD IS MOVING.

REMOVING THE SPLASH PAN

If your wheel is equipped with a removable splash pan you can easily take it off to clean. Twist the wheel head in the direction the wheel was set to turn and lift it off. The splash pan should now lift straight up off the shaft.

Maintenance

WHEEL HEAD SHAFT

If the wheel head sticks to the shaft unplug the wheel and take a screwdriver handle and tap on the hub of the wheel head sharply to loosen the head from the shaft. Twist the wheel head quickly in the direction the wheel head was turning until it breaks free and lift the wheel head off. **Before replacing the wheel head again add a small amount of anti-seize (a dab about the size of an erasure).** More is not necessarily better.

BELT TENSION

The drive belt is adjusted at the factory with the correct tension. If the belt slips while in use an additional adjustment in the tension might be necessary. Unplug the wheel and locate the locking nut on top of the tension spring. Tighten the nut just enough to prevent the belt from slipping. Over tightening the belt will cause excessive wear on both the belt and bearings.

BEARINGS

The ball bearings are permanently lubricated and should provide years of trouble free service with no maintenance. The ball bearing unit is mounted to the wheel with 5 threaded bolts (3 on a Prodigy Wheel) underneath the wheel head. This whole unit may be replaced when bearings are ending their life expectancy.

FOOT PEDAL

The foot pedal contains the potentiometer and adjustment lever inside and should not need service. The tension on the foot pedal can be adjusted by either loosening or tightening the locking nut on the side of the foot pedal.

CONTROL ADJUSTMENTS

The control adjustments are preset at the factory for what should be the most ideal settings. Adjustments to these settings can be tricky. Please contact the factory for more information before attempting to make any adjustments. If you do decide to make adjustments on your own, never do so with the wheel plugged in to a power supply. Unplug the wheel, make your adjustments and then plug the wheel in to test those adjustments.

FUSE

Replacement fuses are available from electronic supply stores such as Radio Shack. Use FAST ACTING 15 AMP fuses only. We also recommend using "ceramic type" fuses not "glass type".

Do not use automotive type fuses.

Warranty

Skutt warrants this wheel to be free from defects in both materials and workmanship for a period of 5 years from the date of purchase. This warranty is void if this wheel has been misused, abused, damaged by accident, neglected, freight damaged, or repaired or modified by anyone other than Skutt or one of our specifically authorized Skutt Dealers.

For repairs this wheel must be packed and returned to Skutt via insured freight by the customer at their expense. The repaired wheel will be returned freight collect. The customer is responsible for all freight charges to and from Skutt.

This warranty is exclusive and is in lieu of all other warranties, expressed or implied. Including, without limitation, warranties or merchantability and fitness for particular purpose, all other representations to the first user purchase and all other obligations or liabilities, including liability for incidental and consequential damages. Skutt's liability in all cases is limited to the replacement price of its product. This warranty gives you specific rights. You may also have other rights which may vary from state to state.

All warranty claims must be coordinated and approved by Skutt.

Warranty Procedure

If you have a warranty claim the first step is to contact Skutt. Skutt has 2 full time technicians available to help with questions on operating and troubleshooting your wheel. Often times issues can be settled without having to pack the wheel and send it out for servicing. If after discussing the problem it is agreed that it will be necessary to get the wheel back to Skutt or an authorized Skutt Dealer for repair Skutt will issue you a Return Merchandise Authorization number which must be clearly marked on the outside of the package. All warranty repairs must be pre-authorized by Skutt. If you have a question regarding technique or how to use specific products, please contact the supplier of that particular product.

Skutt Ceramic Products, Inc.

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Specifications

The chart below shows the recommended electrical specifications for the Skutt line of Electric Potters Wheels. All Skutt electric wheels are designed to plug into a standard household electrical outlet.

| Model | HP | Voltage | Amp | Watts | Fuse Size |
|--------------|-----|---------|------|-------|-----------|
| Prodigy | 1/3 | 120 | 3.5 | 420 | 15 AMP |
| Legend | 1/3 | 120 | 3.5 | 420 | 15 AMP |
| Classic | 1/3 | 120 | 3.5 | 420 | 15 AMP |
| Revolution | 1/2 | 120 | 5.2 | 624 | 15 AMP |
| Elite | 1/2 | 120 | 5.2 | 624 | 15 AMP |
| Steven Hill | 1/2 | 120 | 5.2 | 624 | 15 AMP |
| Premier | 1 | 120 | 10.4 | 1248 | 15 AMP |
| Professional | 1 | 120 | 10.4 | 1248 | 15 AMP |

Wheels sold outside of the USA are designed specifically to meet the requirements of the country in which they are to be used. Always check the electrical information located on the serial plate of your kiln to see if it matches your particular installation.

www.skuttwheels.com