

SLANT
ENGINEERING

Owner's Manual

STAMPINATOR

SLANT ENGINEERING ————— PATENT NO. US9486995B2



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Congratulations and Thank You for purchasing the Stampinator 480!

Once you have received the box, please check the box for damages. Do not accept the box if it has been damaged during shipping. If the package is damage, please take photos of the box and contact Slant. Our packaging is designed to handle normal shipping conditions. If there is damage, notify the driver and immediatly file a claim. Please contact Slant at, 1-877-376-3217

It is important for you to review the Owner's Manual for your safety and correct installation of the unit.

Specifications



Weight: 50.13lbs

Electrical: 3600W / 16AMPS / 220V

Dimensions: 22" x 32" x 6"

Platen: 16" x 20"

2 Year Warranty on heat platen, full one year warranty on machine

Fully digital temperature control 32° - 600° .

Safety Procedures

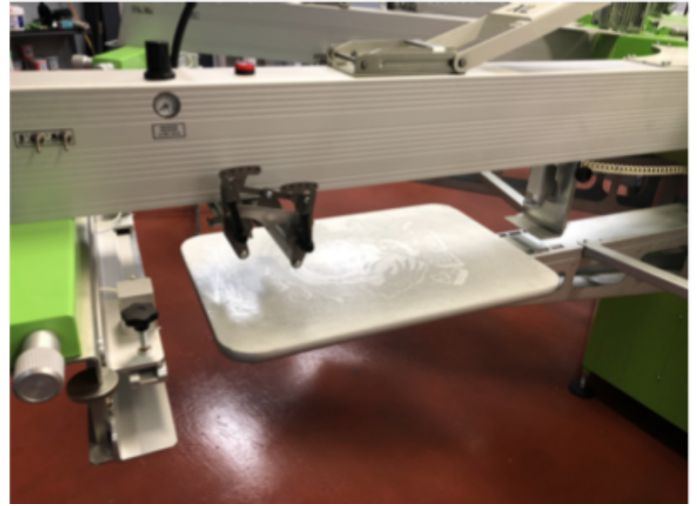
1. For your safety, do not store flammable vapors and liquids in the vicinity (at least three feet) of the Stampinator 480.
2. Proper grounding, according to NEC requirements, must be provided for during electrical connection by a QUALIFIED ELECTRICIAN.
3. Never alter the internal wiring of this unit.
4. Once in position, lock down air cylinders and hand tighten clamp downs before using the stampinator.
5. Keep all loose articles (including clothing, hair, jewelry, etc.) away from the unit. Keep hands away from the unit, when in operation.
6. Never leave the machine unattended when it is operating.
7. Do not perform maintenance on this machine until all power has been shut off at the flash AND at the incoming power circuit breaker. Also, disconnect the control cable leading to the unit.
8. Any conditons which may compromise operator safety must be corrected immedietly.
9. This Owner's Manual and Saftey Procedures must be observed by everyone who is operating this unit.

THE STAMPINATOR 480 IS INTENDED SOLELY FOR THE PURPOSE OF IN-LINE STAMP CURING UNDERBASE , IN-LINE STAMP MATTING FIBERS IN-LINE STAMP APPLING TRANFERS, IN-LINE STAMP CURING ON TO TEXTILE AND CUT GOODS.

Installation & Operation

ROQ

The Stampinator 480 is designed to fit directly into the print head frame holder assembly. Simply slide the unit into the assembly. It's best to sit the Stampinator on a pallet first.



Bring the print head assembly down and lock the unit in place. Be sure to move the print carriage to the rear of the unit, as well as moving the print head PROX. Lock down the air cylinders and tighten the manual clamp downs for added locking pressure.

The Stampinator is already pre-calibrated for your machine type. Just set the off contact to 3mm for best results.

To adjust the flash time, simply program the flash or dwell time for the time desired. The Stampinator simply works off of the presses setting. Your unit will come with a TEFLON SHEET . Make sure you have a tight tension to the base of the platen.

Installation & Operation

NORMAL OPERATION

The normal operating mode of the press will display the current actual Temperature at the top of the screen and the time setting or elapsed time below the temperature. The right side the screen will indicate the heating status by stating HEATING, READY, both of those words, or none at all, depending on if it is cooling down or heating up to the set temperature.



READY is shown only if the current temperature is within 5 degrees of the set point temperature.

The right side of the screen will also indicate the timing status by stating OPEN, TIMING or DONE. The DONE indicator may remain on in some cases until the press is opened back up.

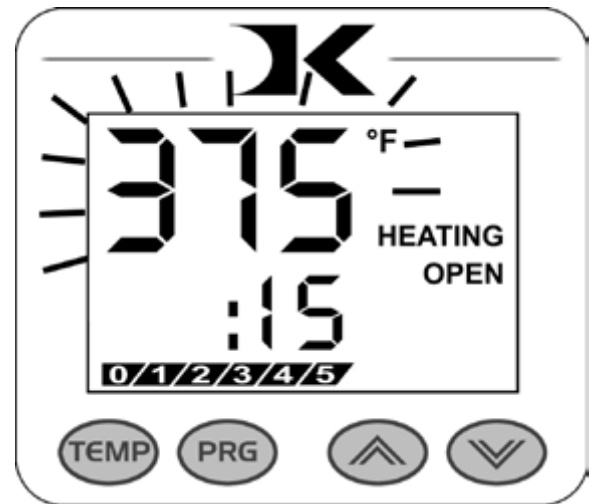
If the pressure feature is enabled, the pressure bar graph will show the last known pressure exerted when the press was closed.

Installation & Operation

SETTING THE TEMPERATURE

From the normal operating mode, simply press the TEMP key to set the temperature.

The flashing 3-digit number is the temperature setting (not the current temp). Use the Arrow Keys to set the desired temperature. Press both Arrow Keys together to set it to 350°F.



Press TEMP again to lock in the setting. The control will return to the normal operating mode after 10-15 seconds if TEMP is not pressed.

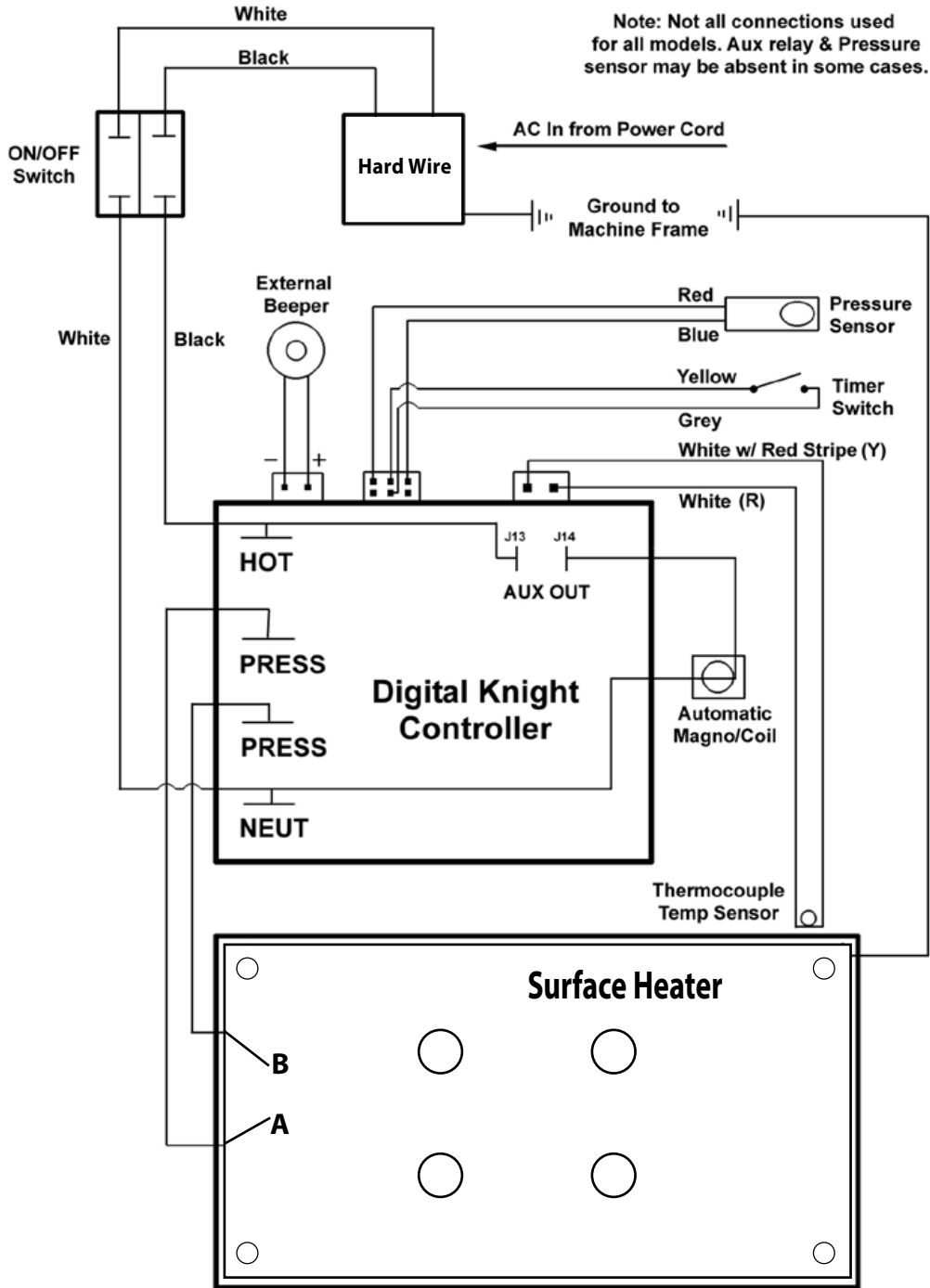
OVER-TEMP ALARM

If the press heats beyond the set temperature by 40 degrees or greater, the OverTemp alarm will sound. This is a safety feature that warns the operator of a possible thermal run-away of the press. This means the press relay may be locked in a heating position where it will never stop heating, to a possibly harmful temperature level. If the OverTemp alarm sounds, turn off the press and let it cool off to room temperature.

Turn the power back on and immediately set the temperature to a low setting like 200°F. Wait for the press to heat up. When the press displays "READY", monitor the temperature and see if it continues to heat to a level that the OverTemp alarm activates again. If so, contact support at 1-877-376-3217.

Wiring Diagram

Digital Knight Heat Press Wiring Diagram



Note: Not all connections used for all models. Aux relay & Pressure sensor may be absent in some cases.

110V wiring shown
 One power lead to A
 Other power lead to B & C joined

For 220V, connect power leads to B & C, leave A empty

Warranty

Limited Warranty *Slant Engineering*

The Stampinator 480 is warranted against manufacture defects. The Stampinator must be properly maintained and operated under normal conditions for a period of 2 years from the date of purchase.

Damage that occurs in transit is not covered under this warranty. Any damage from transit is the responsibility of the freight carry.

Serial Number