

## **K-TECH/INTUITION HEAT TUBE MACHINE INSTRUCTIONS-**

1. **Heat Setting:** switch to setting II for heating Intuition liners (ideal temperature 120°C/250°F)
2. **Timer:** Plastic dial

-Set timer using plastic dial on top of machine console. Time range is from 0-30 minutes, but recommended time is 4-12 min depending on liner model and volume (refer to heating chart).

- When timer sounds, heater will shut off, but fan will continue to cool machine.

- Shops located at higher altitudes (over 3000m/10,000 ft) may require longer heating times for optimum fitting results.

### **WARNING:**

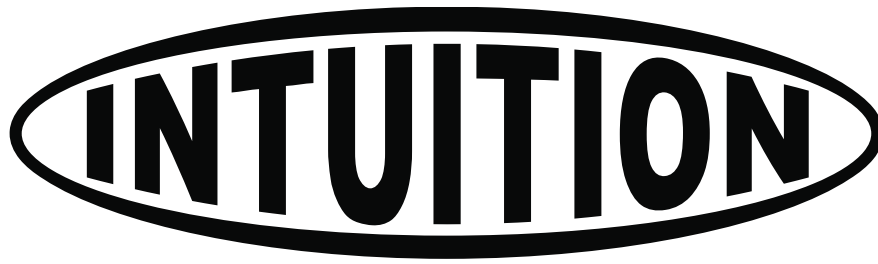
**-DO NOT PUT WET LINERS ON HEAT TUBE MACHINE.**

**-MACHINES SHOULD NOT BE USED AS BOOT DRYERS.**

See additional information provided by the manufacturer (K-Tech)

For repair or replacement contact your supplier.

See warranty information provided at time of purchase.



## HOW TO HEAT MOLD LINERS

**IMPORTANT:** Before heat molding, both liners should be tried on in boots (with any orthotics or foot beds you intend to use) to ensure liners fit boots and feet properly.

### 1. Prepare boots

-Unbuckle/unlace shells completely to allow boots to open up as much as possible.

### 2. Insert Intuition liner into shell

- **IMPORTANT - remove any paper wadding, orthotics or foot beds prior to heating.**

- Make sure liner sits properly inside shell (without folding or wrinkling).

### 3. Turn on heater

-Using plastic dial on top of console, pre-heat for 5 minutes prior to placing boots on heater

- Bell will sound when set time has passed and heating element turns off.

### 4. Prepare customer for custom fit using Intuition Fit Kit

-Put one fitting stocking on first foot to fit. Add toe cap on top with Intuition logo over big toe. Pull second fitting stocking over top to hold toe cap in place. Make sure both stockings are pulled all the way up the leg to eliminate wrinkles and protect leg from hot liner. Liners form best when customer wears thinnest socks possible, allowing maximum transfer of detail of foot shape to liner.

-Toe caps ensure sufficient toe box is formed into liner, allowing for freedom of movement of toes or “wobble room”. If extra space is required, consider using two toe caps on each foot. (toe cap size chart below)

### 5. Place boots on heating tubes

-Boot heels should rest on boot rack bar that supports heat tube machine. Rack has two curved areas for heels of boots to rest in (toes up to ceiling).

- **For tongue-style models** – both tubes should be inside liners.

- **For wrap-style models** – place shorter tube between overlapping cuffs at half-time, so outside overlap is heated as well.

-Reset timer for appropriate time for the model you are fitting. Recommended heating time for Intuition liners is between 4 and 12 minutes (see heating time chart included in these instructions). The lower range is recommended for thinner/softer liners and most OEM liners, and the upper range for thicker, denser models. Please refer to heating chart included in these instructions.

## 6. Mold liners

-When timer sounds, put boot on customer's foot as quickly as possible (insert orthotics/foot beds into liner first). You may need to remove liner from boot to insert foot bed, then replace it as soon as possible. When boot is on, instruct customer to kick heel into ground to ensure heel and liner are in heel pocket of boot.

**NOTE:** When timer goes off, turn heater back on to allow 2<sup>nd</sup> liner to continue to heat while 1<sup>st</sup> one is being fit. Be sure NOT to leave it for more than 2-3 additional minutes. (If you require longer fit time than that, consider placing 2<sup>nd</sup> boot on heater several minutes after heating is initially started for 1<sup>st</sup> boot. But keep track of time for consistent heating).

-If liner has laces (or if boot has inner lacing) do them up just enough to hold liner against foot, but not enough to crush, stretch or pinch liner.

-Buckle or lace up boot in a similar manner - snug and secure but not too tight.

-Customer should STAND in boot for 5-10 minutes with knees slightly bent and heels down. It is best not to move around while liner forms and cools. Resting toes against a board (2x4) helps push heel back towards heel of boot, resulting in better heel hold.

-Repeat for other foot.

## 7. Assess fit

-When liners have cooled sufficiently, remove boots, stockings and toe caps. Have customer put on their usual ski/snowboarding socks and place feet back into boots. Buckle or lace up to a comfortable tension and assess fit.

### Extra Notes/Fit Tips:

- Pay attention to fit description when customer first tries liners in boots. **If liners felt tight when first tried on**, buckle/lace extra tight when heat molding to compress foam and create more room for foot. **If liners felt loose when first tried on**, buckle/lace a bit more loosely to avoid compressing (thinning out) foam. As long as liner feels secure, with no sloppiness or movement, and no major pressure points, go ahead and heat mold.

**-Liners can be reheated and reformed** if they do not take proper shape during first forming. If you need to adjust fit/hot spots in a specific area (ex. ankle or toe box) consider spot-heating with heat gun

to push or punch them out without changing overall fit. Be sure to keep heat gun moving constantly over section to avoid overheating or burning fabric or foam.

**“Break-in Period”** - Customers may need to ski a couple of times to let liners settle and feet adjust to the fit. If customer identifies hotspots while skiing, consider adjusting as suggested above.

### **SHELL FIT/VOLUME CHART - for choosing liner volume (thickness)**

Remove liner from shell, insert foot in empty shell with toes touching the front end of the toe box. How much space is there between your heel and the back of the shell?

1 finger (1/2 inch) or less = Low Volume (thin)

1 - 2 finger (1/2 – 1 ½ inches) = Medium Volume (standard)

2 fingers or more (1 ½ inches) or more = High Volume (thick)

### **TOE CAP SIZING CHART**

Small: mondo 22-25 / US Men’s 4-7

Large: mondo 26-33 / US Men’s 8-15

### **HEATING TIME CHART (in minutes)**

Mini-Luxury (kids)	2-4	Tour Mod	6-8	Alpine	8-10
Junior Race	2-4	Plug Race	6-8	Plug	8-10
Dreamliner	4-6	FX Race	6-8	Classic HD	8-10
Classic FX	4-6	Pro Tour	6-8	Power Wrap	10-12
Mukluk	4-6	Tour Wrap	6-8	Power Wrap+	10-12
Aqua	6-8	Universal	6-8	Pro Wrap	10-12
Classic RD	6-8	Godiva	8-10	Pro Tongue	10-12
Denali	6-8	HD Race	8-10	SBC Wrap	10-12
Logan	6-8	Luxury	8-10		

**Be mindful of volume and size.** A low volume (thinner) liner requires less heating time (ex. LV ProTour 6 min, HV ProTour 8 min). For a more aggressive mold, heat for maximum suggested time.

Check out our fit videos on You Tube – to find them, enter:

**Intuition Home Fit**

**Intuition Shop Fit**

**Intuition Spandy Andy**

For more information visit: [www.intuitionliners.com](http://www.intuitionliners.com)

Questions? Concerns? Email us at [info@intuitionliners.com](mailto:info@intuitionliners.com) or call (604) 879-9231