



Heat Tube Machine Instructions

MACHINE CONSOLE

1. **Power Switch:** Red plastic on/off switch

-In **ON** position, light will come on and heater and fan will begin to operate.

2. **Timer:** Clear plastic dial

-Set timer using clear 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 (refer to heating chart to follow).

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

3. **Temperature Gauge:** Digital LED displays

- Top display box is actual temperature, bottom display box is desired temperature (Celsius).

-When heat tube machine is on, temperature controller shows a set temperature of 119 C, and can be adjusted by pressing the "SET" button. Initially the far right digit will flash, and can be adjusted using up and down arrows. The "<" button moves indicator to change each digit as needed. When desired temperature appears in LED, press "SET" button again to complete temperature adjustment.

-Temperature readout on top LED screen will display a varied temperature (up and down) from set temperature (example: if temperature is set at 120 C, display will fluctuate between 114-124 in order to maintain target temperature).

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

WARNING:

-DO NOT RAISE TEMPERATURE ABOVE 119 C. FOR MOLDING LINERS.

-DO NOT PUT WET LINERS ON HEAT TUBE MACHINE.

-MACHINES SHOULD NOT BE USED AS BOOT DRYERS.

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. 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.

4. Turn on heater

-Press red power switch to turn on heater. Red light will turn on, and heater and fan will start.

5. Set timer

-Using clear plastic dial on top of console, select appropriate time for liner model you are fitting. Recommended heating time for Intuition liners is 4-12 minutes, least amount of time for Dream and most OEM liners (refer to heating chart).

-Timer dial will not move as it counts down, but buzzer will sound when set time has passed and heating element turns off.

6. 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 to follow)

7. 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 in order to insert foot bed, before replacing 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 2nd liner to continue to heat while 1st 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 2nd boot on heater some time after time is initially started for 1st boot).

-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. Placing toes against a board (2x4) helps push heel back towards heel of boot, resulting in better heel hold.

-Repeat for other foot.

8. 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

Remove liner from shell and insert foot with toes to the tip. How much space is there between your leg and the shell?

- 1 finger (1/2 inch) or less = Low Volume (thin)
- 1.5 - 2 finger (3/4 –1.5 inches) = Medium Volume (standard)
- 2 fingers or more (1.5 inches+) = 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	Pro Tour	6-8	Plug Race	8-10
Junior Race	2-4	Universal	6-8	Classic HD	8-10
Dreamliners	4-6	Logan	6-8	Power Wrap	10-12
Classic FX	4-6	Tour Mod	6-8	Power Wrap+	10-12
Mukluk	4-6	Godiva	8-10	Pro Wrap	10-12
Aqua	6-8	HD Race	8-10	Pro Tongue	10-12
Classic RD	6-8	Luxury	8-10	SBC Wrap	10-12
Denali	6-8	Alpine	8-10		
FX Race	6-8	Plug	8-10		

For a more aggressive mold, heat for maximum suggested time. Be mindful of volume and size. A low volume (thinner) liner requires less heating time, as will a size 4 compared to a size 15.

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

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