



## FiberCube® 3803 Series Marking System Quick Setup Guide



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## FIBERCUBE® 3803 SERIES MARKING SYSTEM QUICK SETUP GUIDE INSTRUCTIONS

**ITEMS NEEDED:** Phillips Head Screwdriver or Power Drill with Phillips Head Drill Bit, 6mm Allen Bit & 7/16" Socket Bit, 5mm & 6mm Allen Wrench, Scissors or Snips, Box Cutter or Knife, Step Ladder, Ramp

### INSPECTION

1. Before opening the shipping container, be sure to inspect the outside of the crate for apparent damage that may have occurred in transit. If you discover damage, immediately contact LaserStar's Service Department.
2. Identify the TIP-N-TELL indicator (located on the outside of the shipping crate). Check to see whether blue beads are present in the top portion of the arrow on the TIP-N-TELL. If you notice blue beads in this area, immediately contact LaserStar's Service Department.



**No blue beads present:  
(no tipping of crate)**



**Blue beads present:  
(crate has been tipped)**

3. Identify the SHOCKWATCH warning sticker (located on the outside of the shipping crate). Check to see whether the tube in the center of the SHOCKWATCH warning is red. If you find the center of this tube is red, immediately contact LaserStar's Service Department.



**Tube is not red:  
(no shock warning)**



**Tube is red:  
(shock warning)**

## UNPACKING

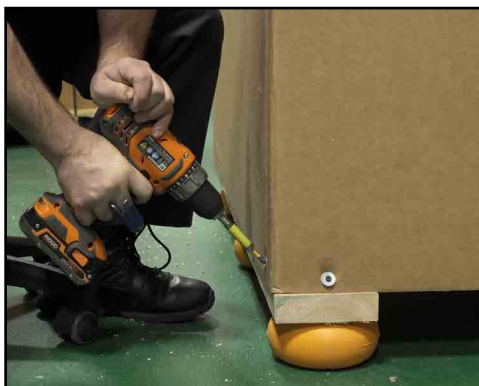
4. With scissors, snips, or a knife, cut the banding straps on the outside of the shipping container.



5. Using a step ladder, carefully remove the top cover from the crate.



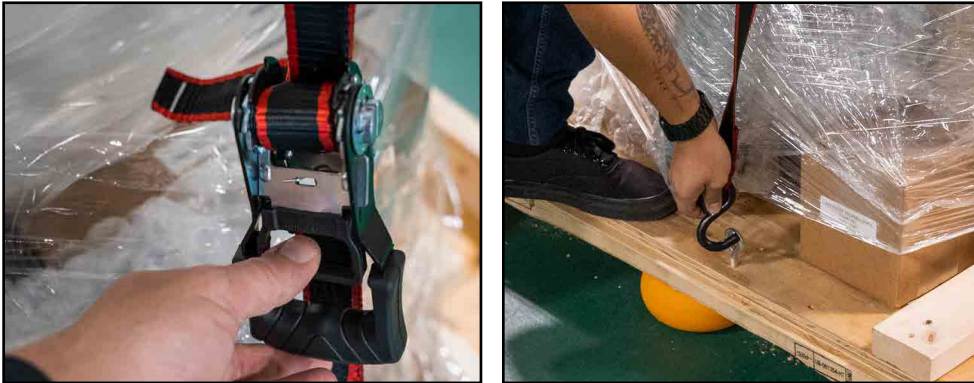
6. Remove the screws from the bottom of the skid. **(Note: A power drill with a Phillips head drill bit is helpful.)**



7. With at least four people, lift the container off of the skid base.



8. Remove the ratcheting straps that secure the laser to the skid base.

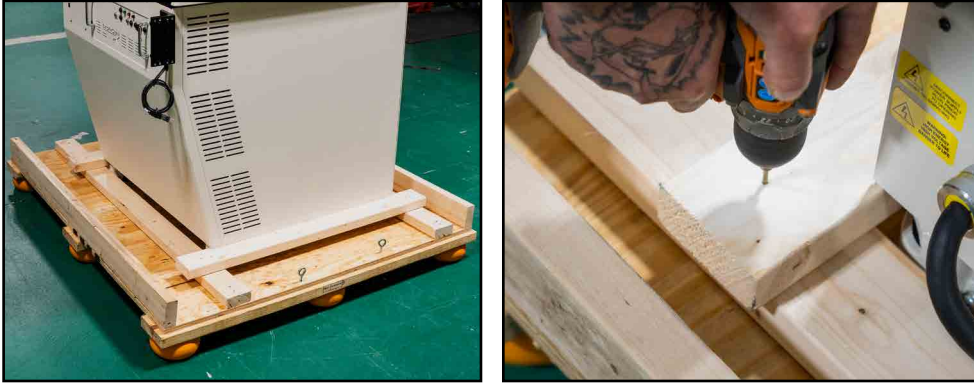


9. With scissors or a knife, gently cut any shrink wrap that is affixed to the plastic cover; remove the cover from the machine. **(Note: Be sure to save the plastic cover to protect the equipment from dust when it's not in use.)** Gently remove any remaining shrink wrap. **(Note: Be careful not to cut or damage the laser system.)**





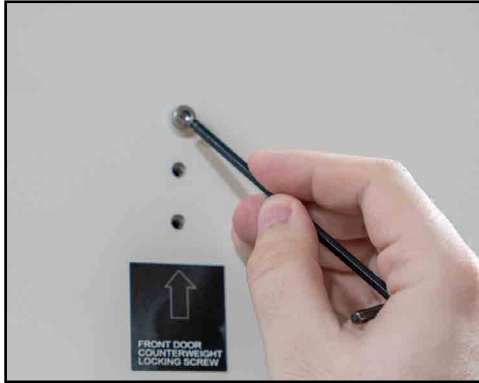
10. There are four (4) 2x4 braces that secure the laser to the skid base. Using a Phillips head drill bit, remove the bracket screws from the skid. **(Note: A power drill is recommended.)**



11. Remove each of the boxes located beside the laser system. Place a ramp besides the skid. Unlock the wheels by turning the red dial at the wheel. With at least two people, you can now move the laser off the skid base, gently rolling the laser off the skid and down the ramp). Wheel the laser to the desired location and reset the breaks.



- 12.** Before opening the front door of the laser, you will need to remove the two (2) counterweight stabilizer M-5 screws (located in the top corners on the rear of the laser).



- 13.** Take the swing arm out of its wrapping and install it along the side of the system.



**SETUP**

- 14.** Locate and open the box labeled “accessory kit” and retrieve the following items: keys, remote interlock, power cord, USB hub, and USB cables.



- 15.** Locate the box for the laptop and remove the computer and power cable provided. Place the laptop on the swing platform (located on the side of the laser).



- 16.** Locate the two (2) USB cables from the front of the laser system. Plug the two free ends into the laptop.

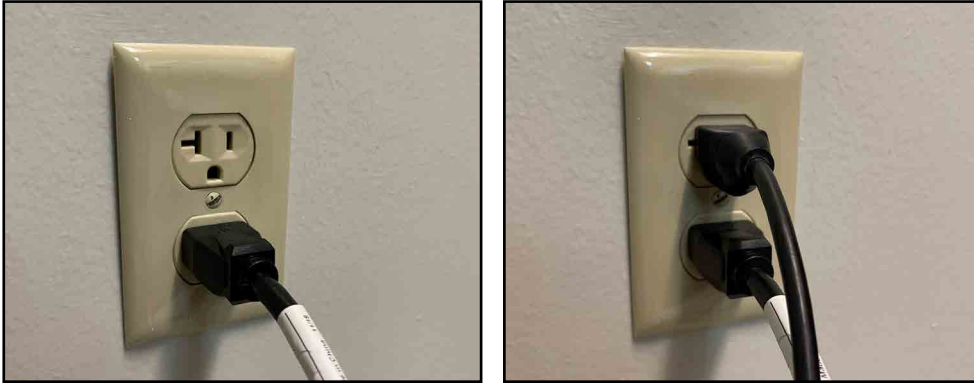


- 17.** Retrieve the remote interlock component and insert it into the rear of the laser. Take the power cable and connect it to the appropriate power outlet.

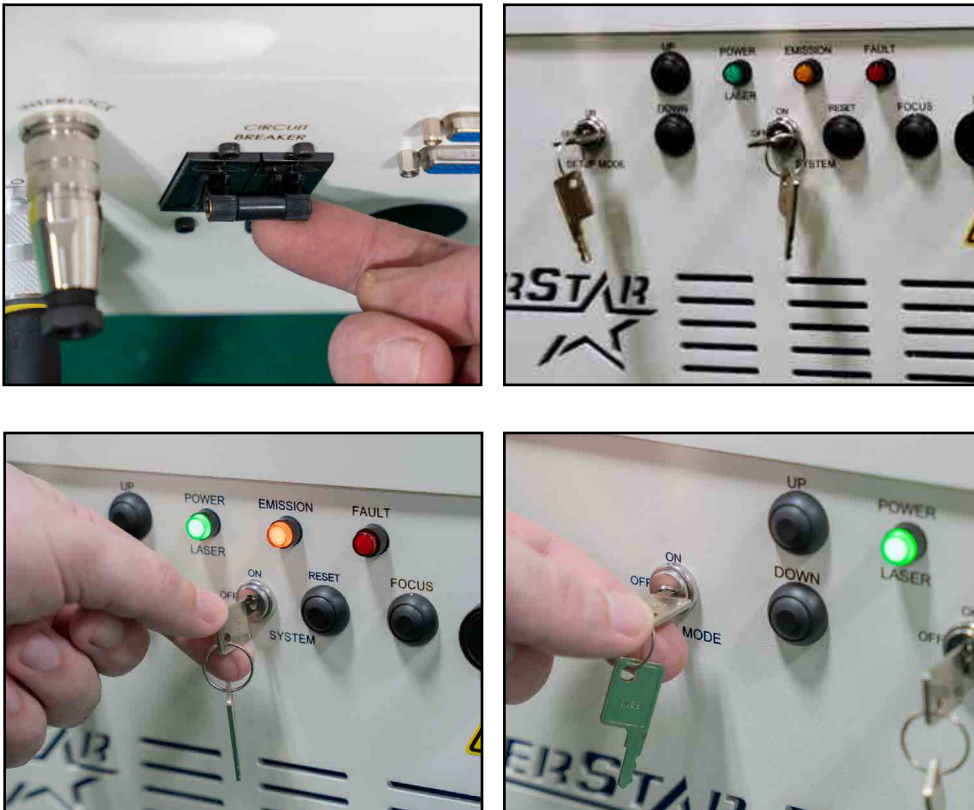




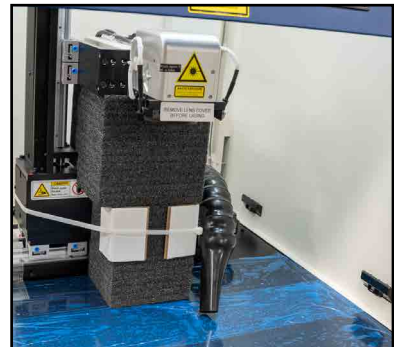
18. Take the laptop power cable and plug it into a 110V wall outlet.



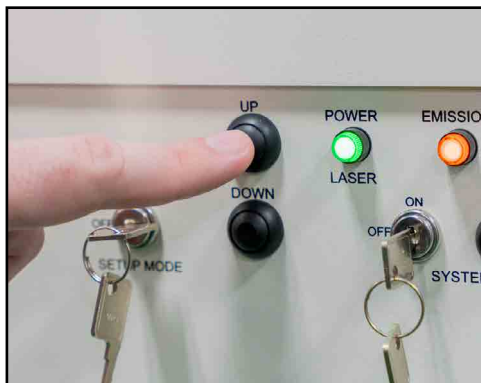
19. Retrieve one of the keys from the accessory kit. Power up the laser by turning the circuit breaker (black switch on the back of the system) to the “ON” position. Insert the key into the “System” Key Switch. Turn the “System” Key Switch to the “ON” position **(NOTE: The “Setup” Key Switch is to be saved in case of maintenance.)**



20. Push the “Reset” button to activate the laser. Open the door of the laser using the “Door” controls.



21. Once the door is fully open, press the “Up” button until the focus head has been raised 2” to 3”. Now, remove the zip ties and tape off of the foam block and rail. Then remove the foam blocks from the platform.



22. Note the instructions on the front of the laser's scan head; remove the lens cover from the focus lens. Once the lens cover has been removed, you may remove this label.



**(Note: The vapor produced when marking, engraving or cutting can be extracted from the lasing chamber and operator's work station using an external filtration and fume exhaust system.)**

**This open laser engraving system must be connected to an approved external filtration and fume exhaust system (either purchased separately or through LaserStar Technologies®). Never use this machine on non-metallic materials, especially plastics, without the proper air exhaust filter system in place, as required by OSHA regulations.**

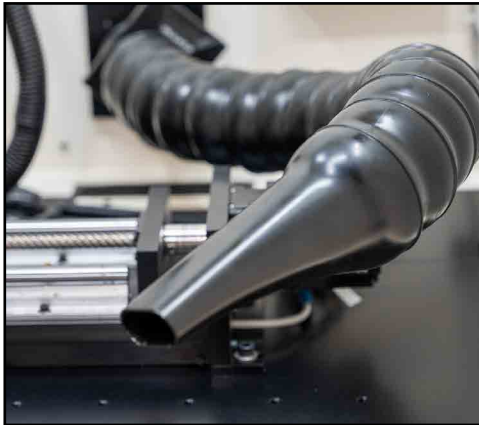
23. Unpack your purchased (or previously owned, approved) fume exhaust system and place it next to the machine (if a cyclone adapter option was purchased, setup appropriately).



- 24.** Connect the exhaust hose and then connect to the exhaust unit and rear of the lasing chamber, as shown.



- 25.** Be sure to properly position the interior chamber adjustable exhaust tube to the required marking area to ensure maximum suction.



**Congratulations, you are now ready to begin using your laser marking system! Please proceed to LaserStar Academy to begin your online training.**



[illegible]



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Our goal is to provide clients with a solid foundation of fundamental laser welding and engraving skill sets while providing a real time online resource for LaserStar's worldwide customer base.

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