



# FiberCube® 3802 Series Marking Systems Quick Setup Guide



## LaserStar Technologies Corporation

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## FIBERCUBE® 3802 SERIES MARKING SYSTEMS

### 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

#### 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 center tube of the SHOCKWATCH warning is red. If the center tube is red, immediately contact LaserStar's Service Department.



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



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

## UNPACKING

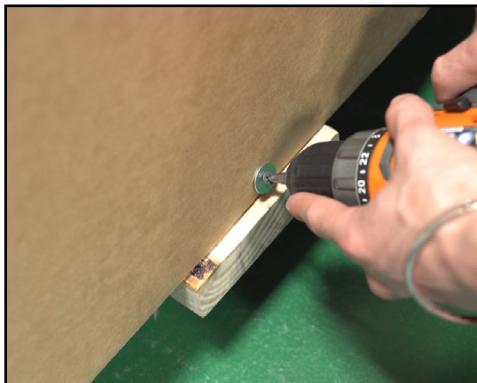
4. With scissors, snips, or a knife, cut the banding straps on the outside of the shipping container.



5. Carefully remove the top insert from the container.



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





7. Two people may then lift and remove the tri-wall corrugated cover. **(Note: Do not discard the cover, packaging, or bracing anchors; these materials can be re-used to ship your laser marker if service is required in the future.)**



8. 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.)**



9. With two people, you can now move the laser off the skid base.



10. Before opening the front door of the laser, remove the two (2) counterweight stabilizer M-5 screws.



## SETUP

11. Locate and open the box labeled “accessory kit” and retrieve the following items: keys, remote interlock, power cable, USB hub, and USB cables.



12. Remove the rear panel from the machine and check the connections; ensure that the power cable, USB, and Axis 2 are plugged in and properly seated. (As well as Axis 1 if the optional rotary was purchased.)



**Be sure to tighten the thumb screws**





**13.** Locate the pendant and take it through the back of the machine. . Locate the small key for the pendant and insert it into the pendant.



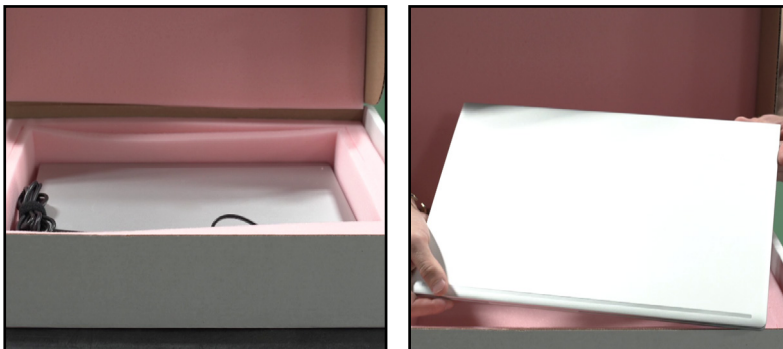
**14.** Feed all of the wires and the pendant out of the back of the enclosure as seen below. This is in order to connect the system to the necessary outlets and to easily access the pendant.



- 15.** Screw the back panel in again.



- 16.** Remove the laptop from the box, place it on the shelf, and plug in the power cable.



- 17.** Retrieve the USB docking station from the accessory kit and plug in the power cable. Plug the two USB cables (located on the rear of the laser) into the USB docking station.





18. Plug the mini USB cable (supplied with the hub) into the USB hub. Plug the other end of the cable into a USB port on the computer.



19. Locate the remaining power cables and plug each into a 110V wall outlet.



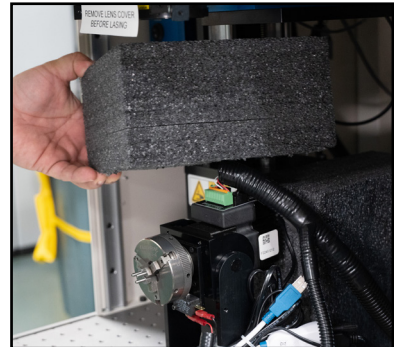
20. Open the front door of the laser, you will notice a white foam block **(do not attempt to remove the block at this point)**. Insert the supplied key and turn the power switch to the (ON) position, the key to the (ON) position, and press the **RESET** button.



**power button here**



21. Press the **UP button**, the z-axis on the laser will begin to shift upward. Continue pressing the button until the focus head is raised 2" to 3". You may now proceed with removing the foam block. The foam is split into two parts so you may remove one piece then the next if you have the optional rotary.



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



- 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 connect to the exhaust unit and the rear of the lasing chamber, as shown.



Warning!

**Operating a laser without an approved vacuum system will void the warranty.**



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



26. Press the **POWER** button on the laptop; this will boot up the computer.



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

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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LaserStar Academy is designed to be our clients' "First Reference" for software and systems training; user guides and operation manuals; maintenance videos & service guides; and FAQ resources.

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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