



FiberCube® 3800/1 Series Marking Systems Quick Setup Guide



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FIBERCUBE® 3800 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.



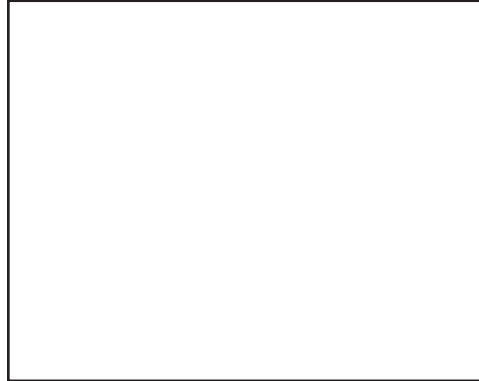
5. Once the tape has been removed, remove the top cover.



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



7. At least two people may then lift and remove the tri-wall corrugated cover and plastic cover
(Note: Do not discard the packaging; these materials can be re-used to ship your laser if service is required in the future. Do not discard the plastic cover either, as it protects the equipment from dust when it's not in use.)



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.)**



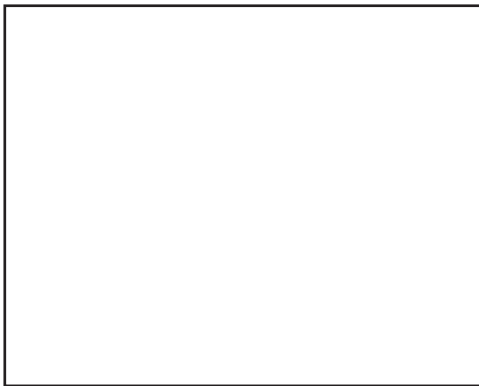
8. Remove loose articles within the legs of the laser, as well as the cardboard surrounding the laser.



- 11.** Loosen the bracing anchors on the wheels.



- 12.** With two people, you can now move the laser off the skid base. Use a ramp or gently lower the wheels onto the floor. Wheel the laser to the desired location and reset the breaks.



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



INSTALLING THE SHELF

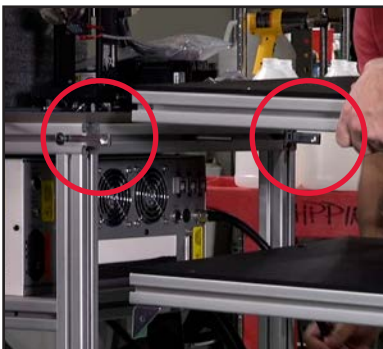
13. The shelf is in its own container and must be removed like the main laser.



14. Remove the braces on both sides of the shelf.



15. Then with at least 3 people, lift the shelf and align it to the connection pegs on the top of the floor stand. Then slide the shelf to fit.



16. While one holds up the shelf, one other should screw in the bolt and washer to the support stand on the underside of the shelf. From here, screw in the bolts to the sides of the shelf.



17. Guide the washer into where the shelf and stands meet and screw in the washer, then the corner bracket.

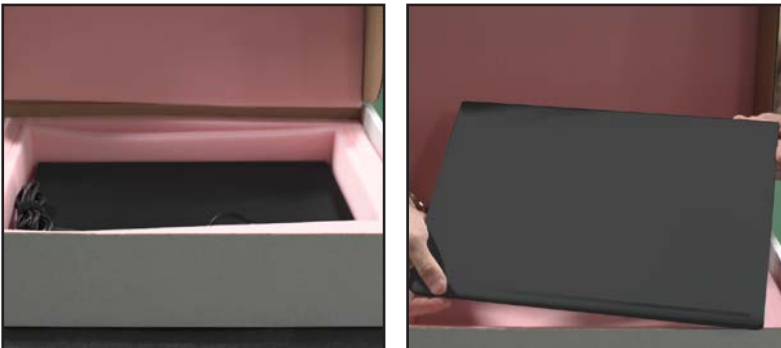


SETUP

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



19. Locate the box for the laptop and remove the computer and power cable provided.



20. Retrieve the remote interlock component and insert it into the rear input labeled “remote interlock” (note the notched alignment).



21. On the rear of the laser housing, locate the “Axis 3” port and make sure the z-axis is plugged into the port.



22. 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.



23. Retrieve the USB hub and plug in the power cable. Also, plug the USB cable (provided) into the USB hub and computer. Then plug the “USB Diag” cable into the USB hub. **(Note: An external mouse and keyboard may also be plugged into the hub, if needed.)**



- 24.** 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.



- 25.** 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.



- 26.** Locate the remaining power cables and plug each into a 110V wall outlet.



- 27.** 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.



28. 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).



29. Connect the exhaust hose and connect to the exhaust unit and the rear of the lasing chamber, as shown.



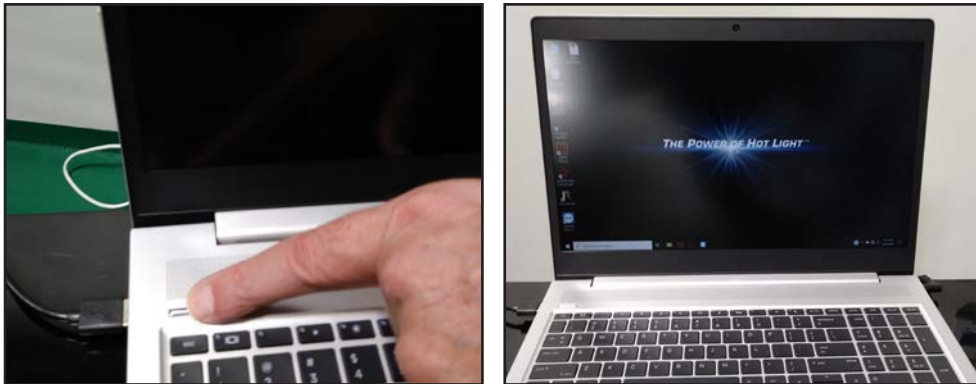
Warning!

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

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



31. 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.

Notes



LASERSTAR **ACADEMY**

Teaching You To Harness The Power Of Hot Light

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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