



FiberCube® 3602 Series Laser Engraving System Quick Setup Guide



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FIBERCUBE® 3602 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. With scissors, cut and remove the strapping tape securing the top and sides of the tri-wall corrugated cover.



6. Once the tape has been removed, fold open the box flaps and carefully remove the two foam inserts.



7. Remove the screws from the bottom of the skid and from the box containing the laser. **(Note: A power drill with a Phillips head drill bit is helpful.)** Open the box and remove loose boxes and articles if there are any.



8. 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. Remove remaining loose articles within and around the cardboard covering and remove the covering itself.



10. Using scissors or snips, cut the banding straps that secure the laser to the skid base and the thin wrapping..



11. Have at least two people lift the laser. **(NOTE: Be careful not to kink the large fiber wire.)**



12. At least two people can now carefully lift the laser and place it on a sturdy tabletop or other secure flat surface. **(NOTE: Be careful not to kink the large fiber wire.)**



SETUP

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



- 14.** Locate the box for the laptop and remove the computer and power cable provided.



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



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



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.



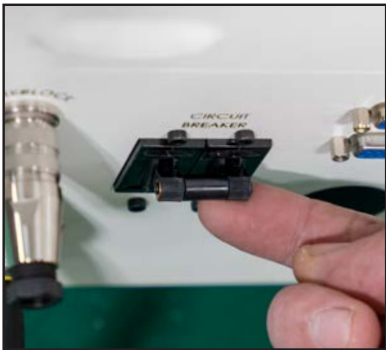
18. Retrieve the USB hub and plug in the power cable. Also, plug the USB cable (provided) into the USB hub and computer. Then plug the “USB Diag” cable into the USB hub. **(Note: An external mouse and keyboard may also be plugged into the hub, if needed.)**



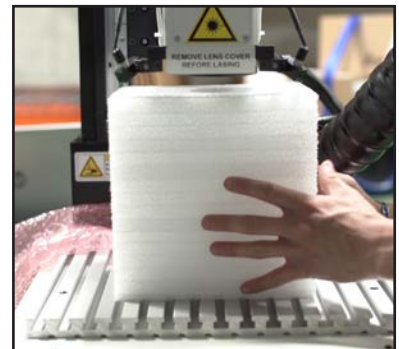
19. Take the laptop power cable and plug it into a 110V wall outlet, locate the power switch on the rear of the machine and turn the power to the (ON) position.



20. Retrieve the key 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. Moving to the front of the machine, insert the key into the "System" Key Switch. Turn the "System" Key Switch to the "ON" position. Press the RESET button.



21. Remove the foam block by pressing the UP button; the z-axis will begin to shift upward. Continue to press and hold the UP button until the focus head is raised 2" to 3". Now, carefully remove the foam block. (Caution: When removing the foam block, do not press the Down button; shifting down will damage the focus head and focus lens component.)



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.



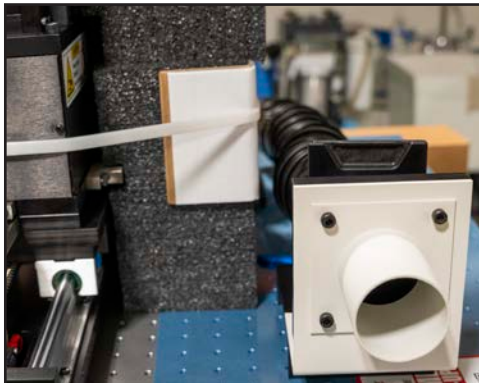
(Note: The vapor produced when marking, engraving or cutting can be extracted from the lasing chamber and operator's work station using an external filtration and fume exhaust system.)

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.

24. 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).



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



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

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[illegible]



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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.

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