

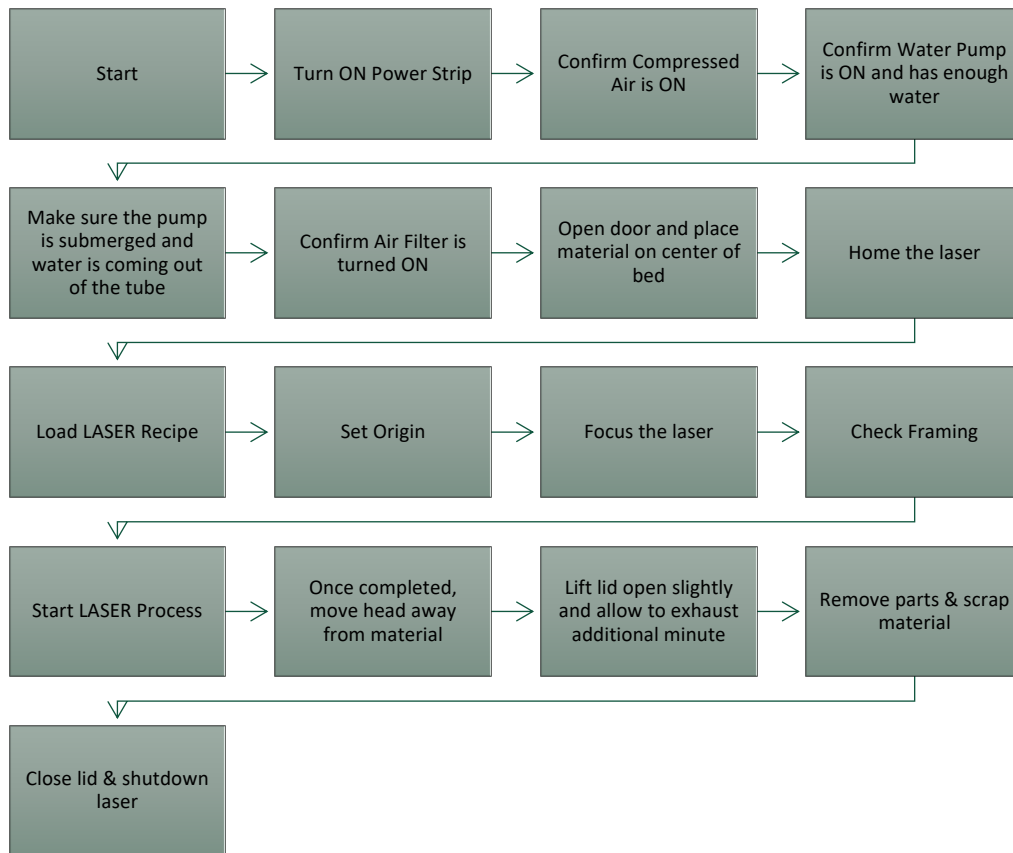


# Standard Operating Procedure (SOP)

This SOP should be consulted during all operations & maintenance of the equipment, however, does not replace the necessary training performed by authorized personnel prior to usage.

Equipment Manufacturer:	Full Spectrum Laser
Model:	H-SERIES 20X12 LASER (5 <sup>TH</sup> GEN)
Process:	Laser cutting, engraving & marking
Process comments:	This system should only be used with non-chlorinated plastics, rubbers, woods, and non-metals. Typical materials include acrylics & wood. This process requires the water pump, air filter, and compressed air to be on during operation.

### Typical Process Flow Chart:



### Important Reminders:

- Check the compressed air meter and listen for the *hiss* to confirm that air is flowing during cutting!
- Confirm that the exhaust unit is turned on prior to running!

Related google search keywords: CO2 Laser cutting acceptable materials, Full Spectrum Laser, RetinaEngrave download, CO2 laser engraving, Laser cutting typical settings