

# STANDARD OPERATING PROCEDURES FOR LASER CUTTING MACHINES

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## REDSAIL CM2435 LASER ENGRAVING/ CUTTING MACHINE

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First of all, strictly follow the regulations, follow the principles of starting and shutting down the [laser cutting machine](#) equipment, and do not force it to close or open;

Secondly, employees are not allowed to operate the machine without training, and only after complete training can they operate on the machine;

Third, during the working process of the laser cutting machine, outsiders are not allowed to approach the console and console, and the core operation links are completed by professional people;

Fourth, adjust the optical path of the machine tool, adjust the cutting head in the follow-up mode, and strictly follow the correct control process to ensure the safety of man and machine;

Fifth, every time you turn on the machine, return to the reference point, check and deal with the focusing lens, calibrate the coaxiality of the beam nozzle, open the cutting auxiliary gas, and the pressure in the bottle should not be lower than 1Mpa;

Sixth, check the outer optical path of the laser cutting machine equipment once a week to protect the gas, cold circuit cabinets, cooling rivers, air compressors, cold dryers, and drain the accumulated water in the filter.