

Source: [Rayjet Operation Manual](#)

1. Tool Name and Location
  - a. Rayjet 300 - Innovation Workshop 2448
2. Safety
  - a. Loss of eyesight
  - b. severe burns
  - c. fire
3. Training
  - a. Training requirements
    - i. In person training session
  - b. training outline
    - i.
4. Key Points and Operating Checklist
  - a. safe operation of this tool
    - i. check to insure that the working table is clear of debris and other objects
    - ii. laser should be focused
    - iii. air flow is on
  - b. Detailed procedure - step by step
    - i. Supplies
      1. working material, referred to as "work piece"
    - ii. Setup
      1. Switch machine on
      2. Open protection cover, place work piece on working table
      3. Focus beam
        - a. Manual focusing
        - b. Software focusing
        - c. Automatic focusing by means of light barriers (optional)
    - iii. Operation
      1. Open your graphics software and fit the page-size to the size of the working table.
      2. Generate a graphic with your graphics software and place it on the page according to the position of your object on the working table.
      3. Select "File - Print" and open "Properties" to access the printer driver interface.
      4. Specify the process, the quality, the engraving material, the thickness of the material
      5. Select if Rayjet shall start the job automatically or if you want to start it later by pressing the "START / PAUSE" button.
      6. Press "Print" twice (first in the Rayjet window, second in the printer interface of the graphics software) to transfer the job to the Rayjet.
    - iv. Cleanup
      1. Open protection cover, remove work piece from working table, along with any cut off debris

5.

size of working table: 19inch x 17 inch or 726 mm x 432 mm