

# BOSS LASER CUTTING

## MACBURNIE (YELLOW) & TAMEANKO (RED)

1. Find the Laser Cutter that you reserved.
2. Turn on filtration/extraction system. (Green switch by the door)
3. Turn on chiller. (Located beside laser cutter)
4. Turn on Boss Laser.
5. Open AutoCAD.
6. Load your desired file from template. (Desktop > Laser Cutting Templates > Boss Laser\_Template)
7. \*Please note: the Boss Laser Cutters only function with METRIC file types!
8. Open Plot File. (Desktop > Laser Cutting Templates > Boss Laser\_Plot File)
9. Copy and paste files from Template into Plot File. (One sheet at a time)
10. Send to RDWorks. (Green arrow in AutoCAD - top left)
11. Justify file to top right corner.
12. Assign material properties for all layers. (Cut / Etch / Raster)
  - A. Double click on layer colour.
  - B. Select parameter library.
  - C. Load desired setting for that layer.
13. Open machine door and load material onto machine bed. (Justify to top right corner)
14. Auto focus laser lens. (Please ask Technician for help - please do not try on your own!)  
\*Please note: you must auto focus for all materials used!
15. Set origin. (Please ask Technician for help)
16. Press play in RDWorks!
17. When finished processing sheet, remove/clean all parts and debris from laser bed.
18. Close machine door carefully.
19. Exit all programs on computer.