Waterjet CNC cutting table trouble shooting

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| Symptom | Possible Causes | Solution |
| Cannot open control software | Waterjet control software Error | Re-install the Water jet Control Software |
| Operating system problem | Re-install Windows Operating System. |
| MicroDog lost connection | Plug the MicroDog again |
| Error warnings during simulation | Check if there is error in G- code | Make sure G-code is generated correctly. |
| Error in DXF file | Fix errors in DXF such as cross point, remove overlapped lines, etc. |
| X or Y axis do not move | Motor driver error | Check error or warning code from the driver and fix the problem accordingly. Reset the power. |
| Motor fails | Replace the motor. |
| Connection error | Make sure all connection is good, starting from the CNC computer to the motor. |
| hit waterjet machine axis travel range limit | Move the waterjet cutting head to the opposite direction of the limit. |
| Nothing moves | Emergency stop button pressed | Release the Emergency stop button |
| Electrical connection error. | Check connection and replace the failed parts. |
| Computer virus | Install anti-virus software. |
| Tolerance error of waterjet cutting | Error exists in either X or Y axis | check the electrical gear ratio, ball screw backlash, bearing and shaft joints |
| Error occurs in both X and Y of the waterjet cutting | Check offset setting. Proper offset setting can help to reduce error due to kerf of waterjet. The size of kerf can change due to the wear of the nozzle |