

# CNC Burn table Specifications

1. The 4x8 CNC burn table shall have a 49.5 inch x 97.5 inch cutting area with an open table design (no upper rails)
2. The table shall include a properly sized Stainless Steel water tray for the 4 ft. x 8 ft. cutting table
3. The system shall include a Hypertherm Powermax 105 plasma system with CNC cable and be capable of cutting up to 7/8 inch thick metals
4. The system shall be able to trace/scan a part into software.
5. The system shall include monitor, keyboard, mouse, CPU
6. The system shall include full software suite & Licensing ( Full CAD/CAM & Torch Control)
7. Shall be able to import clipart or draw directly in CAD
8. Shall be able to import drawings in any .dxf format
9. Shall have cable carriers to protect all cables
10. Shall have a full functioning CAD system(CAD with image vectoring, CAM, and Machine Software)
11. CAD Shall have On snap, Ortho, Polar, and Grid features
12. Shall have array function for duplicating parts
13. Shall be able to save tool specifications for later use
14. Shall have automatic kerf compensation
15. Lead in and lead outs automatically inserted
16. The system shall have x and y rack and pinion drive system ( no springs)
17. The system shall have dual motor and drive shaft driven gantry
18. The system shall have z axis travel of up to 6 inches

19. The table shall have replaceable grates
20. The system shall have a breakaway torch mount w/quick mount system
21. The system shall have automatic torch height control with pierce delay, material sensing and anti-dive control
22. Shall include operations manual, free technical support for life (phone and e-mail), and free training at the manufactures site for 2 individuals
23. The system shall be able to accommodate and include in the purchase an engraver attachment with mount allowing the ability to engrave letters, numbers and designs into the metal before the part is cut.
24. The system shall be able to accommodate and include in the purchase a router with mount for cutting wood and plastics
25. The system shall have a full one year warranty from the date of delivery
26. The system shall be an American made CNC plasma table with American made CNC tooling systems
27. The price shall include delivery to the purchasers place of business