

Biomorphic Desk How-to

Materials needed
 2 4'x8' sheets of 3/4" baltic birch ply
 16' of 2 inch diameter steel tube
 6 3" diameter 1/8" thick steel circles

Tools needed
 Jigsaw
 MIG or TIG Welder
 Drill
 Palm Sander
 Cold Saw
 Clamps

Table Top
 Glue two sheets of plywood together.
 Using a printed template, mark the dimensions of the table top on the 1 1/2" thick plywood sheet.
 Using a jigsaw, cut out the shape of the table top.
 Using a palm sander, clean up the edges of the table and sand the top and bottom to desired finish.
 Finish with your choice of water resistant coating.

Frame
 Cut steel tube to dimensions specified by drawing with a Cold Saw.
 Drill three equidistant holes on the outer edge of three of the metal circles.
 Weld the steel circles with drilled holes to the tops of each vertical support. Weld the undrilled circles to the bottoms of each vertical support.
 Weld the horizontal supports to the vertical supports at specified dimensions. Use clamps to hold supports in place while welding.
 Pre-drill holes to attach frame to base. Attach frame to base using wood screws.

