

I PRO Production Team 353

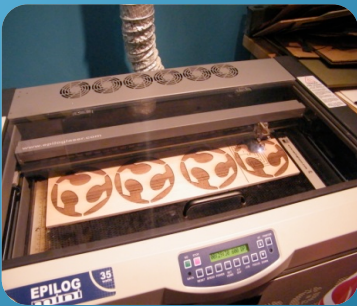


Step 1 : Idea

Step 2 : Create digital design



Step 3 : Send to machines



Step 4 : Assemble pieces



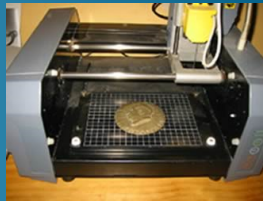
CNC Router:

(ShopBot PRSalpha)
specify movements in 3
axes (X, Y, and Z) for a
tool spindle to cut, drill,
carve, or engrave
96" x 60" x 6" work area



3D Milling Machine:

(Roland Modela)
small scale CNC router and
3D scanner
best suited for model making
8" x 6" x 2-3/8" work area



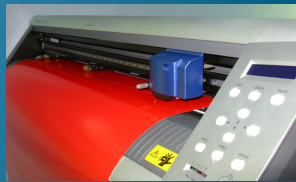
3D Printer:

(Stratasys Prodigy Plus)
3D objects are created by
successive layers of plastic
8" x 8" x 12" work area



Vinyl Cutter:

(Roland CAMM-1 Servo)
print-and-cut reflective vinyl,
paint mask, heat transfer,
and
sandblast material
22-15/16" maximum width



Laser Cutter:

(Epilog Mini 24)
high power laser cuts or
engraves flat-sheet
materials
24" x 12" work area



Electrical Stations:

tools include soldering rods,
oscilloscope, and wave
generator
supplies include batteries,
resistors, capacitors,
motors, transistors, and
sensors

