

Equipment List (based on 10,000 square foot basic list)

Abrasives

Disk sander, large, pedestal mounted
Sand blasting cabinet
Wire wheel, bench
Vibratory polisher

Arts & Crafts

Vinyl cutter
Glass cutters, stained glass
Soldering irons, stained glass

Automotive

Floor jack and jack stands
Motorcycle lift
Transmission jack
Engine hoist
Battery charger
Pneumatic tools

Electronics

Multimeter
Oscilloscope
Soldering station
Power supply, DC
Signal generator
Frequency counter
Variable transformer, variac

Fabrication

Cold saw
Drill press
Horizontal band saw
Vertical band saw
Tubing bender
Angle iron bender/notcher

Fabrics & Sewing

Sewing machine, industrial
Sewing machine, standard
Overlock machine, serger
Embroidery machine, computer controlled
Tools
Assorted hand and power tools

Instruction

Camera, digital SLR
Projector

Layout

Granite surface plate
Height gauges, digital

Machining

Lathe, large metal, with digital readout and tooling
Milling machine, large, with digital readout and tooling
Milling machine, 4-axis, CNC (Tormach)

Measurement

Calipers, digital and dial
Micrometer, digital

Plastics

Vacuum forming station, 24" x 24"
Heat strip bender
Router table

Prototyping

3D FDM printer, ABS
Laser cutter, 60 watt
3D scanner (NextEngine)

Sheet Metal

Box and pan brake
English wheel
Planishing hammer, air powered
Sheet metal shear, power, 48" wide
Slip roll, power, 48" wide
Throatless shear, bench mounted
Corner notcher

Surface & Finishing

Powder coating station and oven
Spray painting area, ventilation hood

Welding

Plasma cutter, CNC, 4' x 8' (Torchmate)
Welder, TIG
Welder, MIG
Welder, spot
Plasma cutter, hand held

Woodworking

Wood router, CNC (ShopBot)
Table saw (SawStop)
Compound miter saw, sliding
Table router
Band saw
Belt/disc sander, free standing
Lathe, 24", 3HP
Scroll saw
Drill press, free standing

Imaging

44" photo-quality printer
High resolution digital camera
Photo scanner
Darkroom (wet)
Stands, support, grip
Holography starter kit

Commercial Kitchen

Hood
Ovens
Cooktops
Refrigerator
Freezer
Dishwasher

BioTech

Refrigerator
Freezer
Incubator
Shaker
Centrifuge
PCR machine
Confocal/Epifluorescent Microscope
X-Ray diffraction machine

Facilities

Forklift
Compressor (60gal)