



# Equipment List

Cox Machine's machining facility is located in Wichita, Kansas. This 80,000 square-foot climate-controlled facility is equipped with cutting edge machining and gundrilling technology. Our sheet-metal fabrication facility is 38,000 square-feet and located in Harper, Kansas. The following is a complete list of our equipment.

## Machining —

### MILLS

#### **CNC 5-AXIS MACHINING CENTERS**

- 1 ea. Makino D500, 21.6" x 39.4" x 19.7"
- 2 ea. Haas UMC750, 30" x 20" x 20"
- 1 ea. DMG DMU 70, 29.5" x 23.6 x 20.5" (1 aluminum 1 hard metals)

#### **CNC HORIZONTAL 4-AXIS MACHINING CENTERS**

- 3 ea. Makino A51 (12 pallet MMC2 Linear, 12,000 RPM, 134 tools ea.)
- 2 ea. Kiwa KNH-426 & KNH-400 (6 pallets, 12,000 RPM, 120 tools ea.)

#### **CNC VERTICAL MACHINING CENTERS**

- 3 ea. Bridgeport APC1000XP, 40" x 24" x 23"
- 1 ea. Makino PS95, 36.2" x 20.0" x 18.1"
- 1 ea. Mori Seiki NV5000 A1A, 30" x 20" x 20"
- 3 ea. Fadal 15XT, 40" x 20" x 20"
- 1 ea. Fadal 3020, 30" x 20" x 20"
- 1 ea. Haas VF-7, 84" x 32" x 30" (30 HP)
- 4 ea. Haas VF-5 SS 50" x 25" x 26"
- 2 ea. Haas VF-2, 30" x 16" x 20"
- 9 ea. Haas VF-2SSYT, 30" X 20" X 20"
- 7 ea. Haas VF-2YT, 30" X 20" X 20" (4-axis)
- 6 ea. Haas VF-3SS, 40" x 25" x 20 (30 HP)
- 2 ea. Haas Super MiniMill2, 20" x 16" x 10"
- 7 ea. Haas Mini & Super Mini Mill, 16" x 12" x 10"
- 1 ea. Bridgeport 760, 30" x 20" x 25"
- 1 ea. Cincinnati Arrow 750, 30" x 20" x 25"

### LATHES

#### **CNC LATHES**

- 1 ea. ROMI G15SM Mill/Turn, live tooling & sub-spindle
- 1 ea. ROMI G20HT, 17" swing, 21" length, 10" Chuck
- 1 ea. Okuma Crown L1060, 21.6" swing, 20" length
- 1 ea. Hardinge Super Precision CHNC42 12" swing, 12" length
- 1 ea. Cincinnati Falcon 200, 21" swing, 20" length

### GRINDERS

#### **CENTERLESS**

- 1 ea. Supertec STC-12, 1" dia., 6" wide wheel

#### **CYLINDRICAL**

- 1 ea. Landis 1R, 10" dia., 24" length

#### **SURFACE**

- 1 ea. K.O. Lee, Magnetic, 6" x 12"

#### **THREAD**

- 2 ea. J&L 636

#### **THREAD ROLL**

- 1 ea. Seny D-30 1" Capacity

### HONES

- 1 ea. Sunnen Hone 1805, automatic stroker and sizer
- 1 ea. Sunnen Hone 1680

### GUNDRILLS (Deep Hole Drilling)

- 2 ea. DeHoff, 3/4" dia., 24" depth
- 1 ea. DeHoff, 1 1/2" dia., 60" depth
- 1 ea. DeHoff, 2" dia., 36" depth
- 1 ea. J&L Model 6, 1/2" dia., 7" depth

### EDMs

- 1 ea. Fanuc RoboCut submersible EDM, 15"x11"x11.8"
- 1 ea. Charmilles D10 Ram-type (or sink) 14" x 9" table, 4" ram travel

### ROBOTICS

- 1 ea. Fanuc M710iC/70, Force Sensor (2050mm reach, 70kg payload)
- 1 ea. Universal Robot UR10, Robotiq Gripper (51" Reach, 10kg payload)

### 3D PRINTING

- 2 ea. 3D Printer (FMD) UPrint SE- ABS, 8" x 6" x 6"

## Sheet Metal —

### HYDRAULIC PRESSES

#### **BLADDER**

- 1 ea. Verson Wheelon Hydroform Press 19440-ton, 36"x 144"x 6" Bed

#### **HYDRAULIC**

- 1 ea. HPM 250 Ton, 8" x 48" x 52" Bed
- 1 ea. Personal Press, 196 ton, 22" x 16" x 4"

#### **EXTRUSION STRETCH**

- 1 ea. Hufford #A-5, 12 ton, 115" max. part length

### PUNCH PRESSES

#### **OBI**

- 1 ea. Rouselle Model 10, 110-Ton, 6" stroke, 28" x 40" bed, 20-1/2" shut height, 4" adj., 45 spm (equipped with hot joggle dies)
- 1 ea. Niagara, 110-ton, 8" stroke, 28" x 45" bed, 21-1/2" shut height, 5" adj., 40 spm
- 1 ea. Niagara, 18-ton, 1-7/8" stroke, 17-1/2" x 11" bed, 8" shut height, 1-5/8" adj., 160 spm

#### **STRAIGHT SIDE**

- 1 ea. Minster Model 50-5-54, 73-ton, 5-1/2" stroke, 31" x 54" bed, 3-1/4" adj., 13" shut height, 30 SPM, friction clutch & brake piston
- 1 ea. RK CFP-75, 75-ton, 18" stroke, 20" x 34", 45" per min

### CNC PRESS BRAKES

- 1 ea. Accurpress Accell Model 5908, 96" Capacity, 90-Ton, 6-axis
- 4 ea. Accurpress Model 7254, 48" Capacity, 25-Ton
- 1 ea. Darley EHP35RF, 84" length, 35-ton, programmable back gage

### WATERJETS

- 1 ea. Flow A-12796, 48"x96"x5.5"

### ROUTER

- 4 ea. MultiCam, 24,000 RPM, 50" x 50"
- 1 ea. MultiCam, 24,000 RPM, 50" x 144"
- 1 ea. MultiCam, 24,000 RPM, 80" x 144"

### CNC SHEAR

- 1 ea. US Machinery, 96"x.250"

### HEAT TREAT & AGE

- 1 ea. Keith drop bottom heat treat furnace 48" x 48" x 48"
- 3 ea. Grieve age oven, 48" x 48" x 36"
- 1 ea. Grieve age oven, 48" x 48" x 84"

### FABRICATION SUPPORT

- 1 ea. HerrVoss Material Leveler, 24"
- 1 ea. Tennsmith Notcher
- 1 ea. Pullmax Nibbler
- 1 ea. Pexto Contour Roll, 36"
- 1 ea. Grub Band Saw, 36" throat
- 1 ea. Delta Surface Grinder (toolmaker)
- 2 ea. Compression Riveter
- 2 ea. TimeSavers, Model 1211-13-0, 36"

### INSPECTION EQUIPMENT

- 1 ea. FaroArm portable CMM, 4'
- 1 ea. FaroArm portable CMM, 6'
- 2 ea. FaroArm portable CMM, 8'
- 1 ea. Romer, 5118 Infinite 2.0 portable CMM, 6'
- 2 ea. Clark 100R hardness tester
- 1 ea. Affri, 206RSD hardness tester
- 1 ea. Microvu optical comparator, 10"