



# 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. The sheet-metal fabrication facility is located in Harper, Kansas (24,000 square-foot). Formerly Attica Engineering, this division has been producing quality sheet metal products since the 1940's. The following is a complete list of our equipment.

## Machining —

### MILLS

#### **CNC 5-AXIS MACHINING CENTER**

1 ea. DMG DMU 70, 29.5" x 23.6 x 20.5" (10,000 RPM, 31 tools)

#### **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**

2 ea. DMG 1035V, 47" x 24" x 22" (10,000 RPM, 31 tools ea.)  
Lehmann Rotary 4-Axis  
4 ea. DMG 835V, 39" x 37" x 22" (10,000 RPM, 31 tools ea.)  
3 ea. Bridgeport APC1000XP 40-HP 12,000 RPM  
(2 pallet, 48 tools ea.), 40" x 24" x 23"  
1 ea. Fadal 8030, 80" x 30" x 30"  
1 ea. Fadal 5020, 50" x 20" x 20"  
3 ea. Fadal 15XT, 40" x 20" x 20"  
1 ea. Fadal 3020, 30" x 20" x 20"  
2 ea. Haas VF2, 30" x 20" x 20"  
3 ea. Haas MiniMill, 16" x 12" x 10"  
3 ea. Haas Super MiniMill, 16" x 12" x 10"  
1 ea. Bridgeport 760, 4-axis, 30" x 20" x 25"  
1 ea. Bridgeport 412, 17" x 12" x 12"  
1 ea. Cincinnati Arrow 750, 30" x 20" x 25"  
1 ea. Okuma MC-5VA, 40" x 20" x 20"

### LATHES

#### **CNC LATHES**

1 ea. ROMI G15SM Mill/Turn, 16.5" swing, 20" length  
(live tooling & sub-spindle)  
1 ea. ROMI G20HT, 17" swing, 21" length  
(10" Chuck, 35 hp)  
1 ea. Okuma Crown L1060, 21.6" swing, 20" length  
1 ea. Hardinge Conquest, 21" swing, 12" length  
1 ea. Hardinge CHNC II, 14" swing, 12" length  
1 ea. Harginge CHNC III, 14" swing, 12" length  
1 ea. Cincinnati Falcon 200, 21" swing, 20" length

### GRINDERS

#### **CENTERLESS**

1 ea. Supertec STC-12, 1" dia., 6" wide wheel  
1 ea. Cincinnati #3, 3" 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  
1 ea. Sunnen Hone 1600

### GUNDRILLS (Deep Hole Drilling)

2 ea. DeHoff, 3/4" dia., 24" 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 high speed wire EDM,  
15"x11"x11.8"  
1 ea. Charmilles D10 Ram-type (or sink)  
14" x 9" table, 4" ram travel

## 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

### EXTRUSION STRETCH

1 ea. A5 Huffard Stretch Forming Press

### 4-POST

1 ea. Aberdeen Dynamics/LVD 100-ton, 51" L.R. x 31" F.B. pressing  
area, 56-1/2" L.R. x 17-1/2" F.B. clearance between rods,  
15-3/4" stroke, 15-3/4" max daylight

### PUNCH PRESSES

#### **CNC TURRET PUNCH**

1 ea. Amada Vipros 255, 4' x 8'

#### **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

### CNC PRESS BRAKES

1 ea. Accurpress Accell Model 5908, 96" Capacity, 90-Ton, 6-axis  
1 ea. Accurpress Model 7254, 48" Capacity, 25-Ton  
1 ea. Darley EHP35-20/15, 84" length, 35-ton, programmable  
backgauge

### WATERJETS

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

### ROUTER

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

### SHEARS

1 ea. Cincinnati Model 1814, 168" x 3/16" mild steel capacity  
1 ea. Edwards Model 2.5/1250 DD, 48" x 14 ga. mild steel capacity

### HEAT TREAT & AGE

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

### 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

### INSPECTION EQUIPMENT

1 ea. FaroArm portable CMM, 6'  
1 ea. FaroArm portable CMM, 8'  
1 ea. Sheffield D12 automated CMM  
1 ea. Clark 100R hardness tester  
1 ea. Microvu optical comparator, 10"  
Plus other equipment such as hole, bore, grind, blocks, thread  
plug, thread ring gages, micrometers, and calipers