



Equipment List

Cox Machine's machining and assembly divisions are located in Wichita, KS with 130,000 sq. ft. in two buildings. These facilities are equipped with cutting-edge machining, robotics and aerospace assembly technology. Our sheet metal fabrication division is 38,000 sq. ft. located in Harper, KS. The following is a complete list of our equipment.

Machining —

MILLS

ROBOTIC CELLS

- 4 ea. Fanuc CR-35iA (1813mm reach, 35kg payload)
- 3 ea. Haas UMC1000SS, 40" x 25" x 25" (5-axis)
- 3 ea. Haas UMC750SS, 30" x 20" x 20" (5-axis)
- 3 ea. Haas UMC750, 30" x 20" x 20" (5-axis)
- 2 ea. Haas VF-2YT, 30" X 20" X 20" (4-axis)
- 1 ea. Haas Super Mini, 16" x 12" x 10"
- 1 ea. Fanuc M710iC/70, Force Sensor (2050mm reach, 70kg payload)
- 2 ea. Haas VF-2YT, 30" X 20" X 20" (4-axis)
- 1 ea. Universal Robot UR10, Robotiq Gripper (51" Reach, 10kg payload)
- 1 ea. Haas VF-2YT, 30" X 20" X 20" (4-axis)
- 1 ea. Haas VF-2, 30" x 16" x 20"

CNC 5-AXIS MACHINING CENTERS

- 1 ea. Makino D500, 21.6" x 39.4" x 19.7"
- 3 ea. Haas EC 1600ZT 5AX, 64" x 50" x 40"
- 2 ea. Haas UMC750SS, 30" x 20" x 20"
- 4 ea. Haas UMC750, 30" x 20" x 20"
- 1 ea. DMG DMU 70, 29.5" x 23.6 x 20.5" (hard metals)
- 1 ea. Fanuc RoboDrill, 27.55" x 15.74" x 12.9", 5-axis

CNC HORIZONTAL 4-AXIS MACHINING CENTERS

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

CNC VERTICAL MACHINING CENTERS

- 1 ea. Makino PS95, 36.2" x 20.0" x 18.1"
- 1 ea. Mori Seiki NV5000 A1A, 30" x 20" x 20" (hard metals)
- 3 ea. Bridgeport APC1000XP, 40" x 24" x 23"
- 1 ea. Haas GR-510 Router, 121" x 61" x 11"
- 1 ea. Haas VF-7, 84" x 32" x 30" (30 HP)
- 4 ea. Haas VF-5 SS 50" x 25" x 26"
- 1 ea. Haas VF-4, 30" x 16" x 20"
- 4 ea. Haas VF-2, 30" x 16" x 20"
- 10 ea. Haas VF-2SSYT, 30" X 20" X 20"
- 2 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"
- 9 ea. Haas Mini (2) & Super Mini (6) Mills, 16" x 12" x 10"
- 3 ea. Fadal 15XT, 40" x 20" x 20"
- 1 ea. Fadal 3020, 30" x 20" x 20"

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. Okuma L300MYW Mill/Turn, 15" swing, 18" length, sub-spindle
- 1 ea. Hardinge Super Precision CHNC42 12" swing, 12" length
- 1 ea. Cincinnati Falcon 200, 21" swing, 20" length

GRINDERS

- 1 ea. Supertec STC-12, 1" dia., 6" wide wheel (centerless)
- 1 ea. Landis 1R, 10" dia., 24" length (cylindrical)
- 1 ea. K.O. Lee, Magnetic, 6" x 12" (surface)
- 2 ea. J&L 636 (thread)

THREAD ROLL

- 1 ea. Zeny D-30 1" Capacity

HONES

- 1 ea. Sunnen Hone 1805, automatic stroker and sizer
- 2 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

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

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

STRAIGHT SIDE

- 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

WATERJETS

- 1 ea. Waterjet USA Model CL510, 144"x84"x7"
- 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"
- 2 ea. Tennsmith Notcher
- 1 ea. Pneumatic notcher, Grizzly, model G0804
- 1 ea. Contour Roller, GMC, model PSR-S014
- 1 ea. Grob Band Saw, 36" throat
- 1 ea. Delta Surface Grinder (toolmaker)
- 2 ea. Compression Riveter
- 2 ea. TimeSavers, Model 1211-13-0, 36"
- 1 ea. TimeSavers, Model 1221-11-05
- 1 ea. Timesavers, model LYNX 37MWT-D-60
- 1 ea. Cold Saw, Scotchman, model 3501.1
- 1 ea. Wet Sander, Amada, model IBT-610

3D PRINTING

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

INSPECTION EQUIPMENT

- 1 ea. Hexagon Blue fixed CMM, 35"x47"x31"
- 1 ea. FaroArm portable CMM, 4'
- 2 ea. FaroArm portable CMM, 6'
- 2 ea. FaroArm portable CMM, 8'
- 2 ea. Clark 100R hardness tester
- 1 ea. Affri, 206RSD hardness tester
- 1 ea. Microvu optical comparator, 10"