

Abbott Tool & Die / N. Central Stamping Equipment List

Updated as of 03-09-18

Facility:

75,000 square feet on 6 acres of land

EDM Department:

- 1 - Makino DUO-43
Working Dimensions - 14" x 21" x 12"
- 1 - Makino U53K (4 - axis)
Working Dimensions - 14" x 21" x 12"
- 1 - Makino SP64 (Wire EDM) 16 x 26 x 16.5
- 1 - Makino U6 Heat (Wire EDM)
- 1 - AgieCharmilles Ram EDM / Hole Popper

Grinding Department:

- 1 - Boyar Schultz 6" x 12" (Surface Grinder)
- 1 - Harig Grinder 618 (Surface Grinder)
- 1 - Challenger HR 618 (Surface Grinder)
- 1 - Grand Rapids (Surface Grinder)
- 2 - Gallmeyer 12" x 48" (Surface Grinder)
- 1 - Blanchard 42" Grinder
- 1 - Okamoto 1632DX (Surface Grinder)
- 1 - Okamoto 1224 DX (Surface Grinder)
- 2 - Okamoto 618 (Surface Grinder)

Tool Room:

- 1 - Hass 40 tool vertical CNC mill
Working Dimensions 50" x 25" x 20"
- 6 - Bridgeport Mills with digital and power feed
- 2 - Chevalier Mills with digital and power feed
- 2 - Cincinnati #4 horizontal with vertical
- 1 - Cincinnati Milacron horizontal
- 1 - Milwaukee #3 vertical
- 1 - Kearney & Trecker 315
- 1 - Jima 25" x 54" Lathe
- 1 - Monarch 12" x 54" Lathe
- 4 - Powermatic 21" Drill Presses
- 2 - Moore #2 Jig Grinders
- 1 - 3' American radial arm drill
- 2 - 4' American radial arm drill
- 1 - 4' GSP radial arm drill
- 3 - Alliant knee type mills with digital and power feed
- 1 - Milltronics CNC Lathe 22" x 60"
- 1 - Okuma MCV4020 vertical CNC mill
- 3 - Okuma Genos M560-V vertical CNC mill
- 1 - Kunth KB 1400 Bed Mill
Working Dimensions 31" x 16" x 20"

Inspection Department:

- 1 - Zeiss O-Inspect CMM 800 x 600 x 300
with vision, Optics & Prob scanning - Runs Calyso
- 6 - Granite Surface Plates
- 2 - Gage Block sets
- 2 - Gage Pin sets
- 4 - Height Gages
- 1 - GE Schmidt Digital Push Out Test Stand
- 1 - Romer Absolute Scanning Arm with Probe & Laser

Engineering Department:

- AutoCAD 2018
- 3D - Visi 2018
- 3D - AutoDesk Inventor 2018
- 3D - AutoDesk Mechanical 2018
- 3D - SolidWorks 2018
- Mastercam Mill, Lathe and Wire 3D solids package

Heat Treating:

- 1 - Cress dual chamber heat treating and annealing

Metal Cutting:

- 1 - Victor Plasma Cutter (up to .625 thick)

Welding:

- 1 - Lincoln robotic MIG welder
- 1 - MIG: Millermatic 250
- 3 - Resistance: Standard PP1 - 12 - 100
- 1 - Tig: Lincoln Precision 275
- 1 - Keyence Ultra Compact Vision Sensor

Cranes:

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|--------------------------|----------------------------|
| 2 - 10 ton bridge cranes | 1 - 1/2 ton electric hoist |
| 2 - 5 ton bridge crane | 6 - 2 ton chain hoist |
| 3 - 2 ton electric hoist | 2 - 1 ton chain hoist |
| 1 - 1 ton electric hoist | 1 - 600lbs electric hoist |
| 3 - 3 ton electric hoist | |

Fork Lift Trucks:

- 1 - 20,000 lb Clark fork lift
- 2 - 10,000 lb Clark fork lifts
- 4 - 5,000 lb Kalamar fork lifts