

# **CALDWELL** **C O R P O R A T I O N**

Contract Manufacturing

## Machinery List



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ISO 9001:2015 REGISTERED

CALDWELL CORPORATION  
EMPORIUM, PA 15834

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### CNC MILLS

Haas TM-1 | 3-axis X30" Y12" Z16" | Spindle 7.5HP 4000RPM | 10-Tool ATC

Haas TM-2 | 3-axis X40" Y16" Z16" | Spindle 7.5HP 4000RPM | 20-Tool ATC

2x Haas VF-3 | 3-axis X40" Y20" Z25" | Spindle 20HP 7500RPM | 24-Tool ATC

Haas Mini Mill | 3-axis X16" Y12" Z10" | Spindle 7.5HP 6000RPM | 10-Tool ATC

Mori Seki MV-65 | 3-axis X60" Y25.5" Z25.5" | 30HP 4000RPM | 30-Tool ATC

### CNC MILL ADD-ONS

Haas HA5C | 4th Axis Rotary | 5C Collets & 5" Diameter Chuck | Live Center Support

Haas TRT-210 | 4th & 5th Axis Tilting Rotary Table | 9.1" Table Dia.

### CNC LATHES

Haas TL-2 | Max Dia. 12" | Max Len. 48" | Spindle Bore Dia. 2.3" |  
Spindle 10HP 1800RPM | Manual Tool Change

Mori Seiki SL-25B | Max Dia. 10" | Max Len. 20" | Spindle Bore Dia. 2.6" |  
Spindle 20HP 3500RPM | 10 Tool Automatic Turret

Hwacheon Mega-95 | Max Dia. 24" | Max Len. 120" | Spindle Bore Dia. 4.1" |  
Spindle 20HP 500RPM | 6 Tool Automatic Turret

## MANUAL MILLS

Devlieg Spiramatic Jigmill | 3" Spindle | 48" X 30" Table | Elms Digital Readout

Cincinnati Vertical Mill | Cinova 80 Model 307-14 | 56" X 12" Table

5x Bridgeport Vertical Mill | 42" X 9" Table | 1 ½ Hp Head |  
X-Y Axis Acu-Rite Digital Readout

## MANUAL LATHES

2x Hardinge Precision Lathe | Model HLV-H | 10" Dovetail X 36" Bed

Monarch Toolmakers Lathe | Model EE | 12 ½" Swing X 38" Bed

## MANUAL GRIND

Brown & Sharpe Surface Grinder | Model 824 Micromaster | 24" X 8" Magnetic Chuck |  
Floor Mounted Coolant System

Thompson Surface Grinder | 41" X 16" Magnetic Chuck | Floor Control |  
7.5 HP Spindle Motor | Floor Mounted Hydraulic Power Supply

2x Taft-Peirce #2 Hydraulic Surface Grinder | 14" X 6" Magnetic Chuck |  
1 HP Spindle Motor

4x Taft-Peirce Surface Grinder #1 | 12" X 5" Magnetic Chuck | 33" X 8" Table

Cincinnati Universal Cylindrical Grinder | 12" Capacity Swing | 48" Bed |  
3 HP Spindle Drive | Dust Collector

Moore Jig Grinder | Model 3

2x Brown & Sharpe Universal Cylindrical Grinder | Model 13 |  
Floor Mounted Coolant System

## OTHER MACHINES

Pratt & Whitney Precision Jig Borer | Model 3B | Vertical Type | 56" X 24" Table | Olivette Farrand Control | X-Y Axis Digital Readout

Moore Jig Borer | Model 3 | 18" X 14" Table | X-Y Axis Digital Readout

Armstrong-Blum Marvel Horizontal Metal Cutting Saw | Series 13A/M11 | Auto-Feed

Armstrong-Blum Marvel Hacksaw | Model 9/M4

Eisele Cutoff Saw | Model VMA2SPV | 12" Diameter Blade | Coolant System

Rockwell Cutoff Saw | Series 20-100 | 10" Diameter Abrasive Blade

Doall Band Saw | Model DBW-15 | Power Feed

## WELDING

Airco Aircomatic Welding Machine | Model CV-30011 | Wire Feeder

Aircomatic Gun | Model AH20E

Airco AC/DC Heliwelder | 300 Amp

Airco AC/DC Welder | Model 3A/DDR-224HPS/B/S/D | 300 Amps

Airco Oxygen & Acetylene Torch

Hobart Arc Welder | Model MBT-204 | Generator Type | 15 HP

Aronson Welding Positioner | Model C1000P30 | 1000# Capacity | 24" Diameter Table

ESAB DIP-PAK250 MIG Welder

Miller 250 DIP-PACK MIG Welder

Hypertherm 1100 Plasma Cutter

## SHEET METAL

Wiedemann Machine Turret Punch Press | Model RA41P | 57" X 67" Table |  
20 Position Turret | ¼" – 4 ½" Diameter | ½" Square & Up

Diacro Shear | 12" Bench Type

Pullmax Rotary Shear | Type P5 | 42" Throat

Peer Spot Welder | Model 82 | 10 KVA | 24" Throat

Pexto Slip Roll Former | Model 416E | 14-16 Gauge Capacity |  
36" Manual Capacity Stand

Dreis & Drump Chicago Bending Brake | L-31 | Manual | 48"

Dreis & Drump Chicago Press Brake | Size 334 | 20 Ton | 12 Gauge X 5' Capacity

Wysong & Miles Squaring Shear | Model 1048 | 10 Gauge X 48" Capacity | 5 HP Motor

Whitney | Jensen Shear | Model 67242 | 42" Capacity

## HEAT TREAT

Lindberg Heat Treating Furnace | Type CT-122410-A3 | 1850° Maximum Temperature |  
Built-In Quench Section

Lindberg Heat Treating Furnace | Type 152418-E12 | 17 KW |  
1230° Maximum Temperature | 30" X 56" X 32" Box

Lindberg Heat Treating Furnace | Type 121618H | 4 KW |  
1250° Maximum Temperature | 26" X 43" X 36" Box

C. I. Hayes Heat Treating Furnace | TYPE LR-51018 | 10 KW |  
1850° Maximum Temperature | 28" X 32" X 21" Box

## PAINTING

Trinco Dry Blast Machine | Model 48 X 48/BP2 | Dust Collector

Binks Dynaprecipitator Water Wash Spray Booth | 13' X 9 ½' X 8' |  
664 Gallon Capacity | Recirculation Pump

Graco HVLP Painting System

## INSPECTION

Numerex CMM | Model 2828-18 CS100 | Manual System With Uni-Touch |  
X28" Y28" Z18" Table

Kodak Contour Projector | Model 14-2-A

Ex-Cell-O Contour Projector | Model X1o-827 | 30" Diameter Screen | Floor Model

Wilson Rockwell Hardness Tester | Model 4TT

Sheffield Precisionaire Gauge | Model 153-2 | Graduated in .0001"

Large Assortment of Gauge Blocks, Plug Gauges, Thread Gauges, Micrometers, and  
other measuring equipment.

Federal Pocket Surf III | Surface Finish Gauge

## OTHER

- A) Computer Aided Design Department
- B) Epoxy Molding
- C) Carpentry Shop
- D) Raw Materials Stock Room
- E) Hot and Cold Blackening

We can send out for anodizing, plating, heat treating, and other finishes. We will work with our suppliers to source castings or other machine processes we cannot do in house.