

# ATW

## Detroit Tool & Engineering

### ASSEMBLY & TEST WORLDWIDE

#### Mills

G & L - CNC  
238" X x 111" Y x 48" Z

G & L  
60" X x 36" Y x 48" Z

Lucas - CNC  
144" X x 120" Y x 60" Z

Lucas 30T - CNC  
120" X x 60" Y x 36" Z x 48" W

Lucas 40T - CNC  
96" X x 96" Y x 48" Z x 48" W

Cincinnati - CNC horizontal  
100" X x 40" Y x 30" Z

Cincinnati Universal  
28" X x 14" Y x 12" Z

DeVlieg 43K-72 (five)  
72" X x 48" Y x 16" Z x 20" W

DeVlieg (two)  
72" X x 36" Y x 16" Z

DeVlieg 43H-48  
48" X x 36" Y x 16" Z x 16" W

Trimac - CNC  
49.250" X x 25.625" Y x 20" Z

Okuma - CNC  
30" X x 16" Y x 17.7" Z

CSIP Jig Bore  
40" X x 28" Y x 12" Z

Moore Jig Bore  
18" X x 11" Y x 14" Z x 5" W

Moore Jig Bore  
16" X x 10" Y x 14" Z x 5" W

Okuma MC600H Pallet Changer  
39.370" X x 31.500" Y x 29.530" W

Okuma MX45VAE  
30" X x 18" Y x 17" Z

Okuma MX55VB  
41" X x 22" Y x 17" Z

Okuma MC60VAE  
59" X x 24.800" Y x 24" Z

Hurco 40/20 (three)  
40" X x 20" Y x 24" Z

Hurco 30HT/M (two)  
30" X x 18" Y x 24" Z

Hurco 50/50  
52" X x 30" Y x 22" Z

Mazak H500/120 Horizontal Pallet  
27.5" X x 25.5" Y x 25.5" Z

#### Mills- continued

Kuracki KMV-130 Bridge Mill  
98" X x 51" Y x 21" Z

Hurco VM1  
12" X x 24" Y x 12" Z

Matsuura MC-1000VA  
41" X x 20" Y x 22" Z

OKK Universal  
28" X x 14" Y x 12" Z

#### Lathes

Poreba  
120" x 49" swing (25" over cross slide)

Hwacheon  
40" x 18" swing (11" over cross slide)

Okuma - CNC  
18" x 12" bar x 2.567" bar diameter

#### Grinders

Blanchard  
84" diameter x 25" Z

Blanchard  
60" diameter x 28" Z

Blanchard  
36" diameter x 24" Z

Okamoto Surface Grinder  
16" X x 32" Y x 18" Z

Okamoto Surface Grinder  
12" X x 24" Y x 12" Z

Brown & Sharp Surface Grinder 1236  
36" X x 12" Y x 16" Z

Brown & Sharp Surface Grinder 618 (two)  
18" X x 6" Y x 18" Z

Okamoto Surface Grinder  
59" X x 28" Y x 25" Z

Okamoto Surface Grinder (two)  
20" X x 8" Y x 12.200" Z

Okamoto Surface Grinder  
18" X x 6" Y x 11" Z

Toyoda O.D. Grinder  
72" length x 19.600" diameter

Toyoda O.D. Grinder  
40" length x 11" diameter

Moore Jig Grinder (two)  
16" X x 10" Y x 14" Z x 3" W

Fosdick Jig Grinder  
30" X x 18" Y x 14" Z

#### EDM

Agie Wire EDM  
15.750" X x 9.875" Y x 10" Z

Agie Wire EDM  
11.800" X x 11.800" Y x 10" Z

Agie Wire EDM  
13.770" X x 9.840" Y x 10" Z

Agie Wire EDM  
19.700" X x 13.770" Y x 10" Z

Fanuc Wire EDM  
20.500" X x 14.600" Y x 11.810" Z

Mitsubishi Wire EDM  
18.000" X x 12.000" Y x 10.000" Z

Mitsubishi Wire EDM  
12.000" X x 10.000" Y x 7.500" Z

Mitsubishi Conventional EDM  
18.000" X x 14.000" Y x 15.000" Z

#### Heat Treat

Leeds & Northrup-Vapocarb Furnace  
36" diameter x 36" length  
maximum temperature - 1,850 F

Sunbeam Low Salt Draw  
39.500" width x 22.500" height x 10" depth  
maximum temperature - 400 F

Dospatch Tempering Furnace  
28" width x 25" height x 33" depth  
maximum temperature - 1,300 F

Lindberg Tempering Furnace  
33" diameter x 36" depth  
maximum temperature - 1,300 F

Johnson Stress Relief Furnace  
35" width x 24" height x 66" depth  
maximum temperature - 1,650 F

Sentry High Speed Furnace  
6" width x 6" height x 12" depth  
maximum temperature - 3,000 F

GE Furnace  
14" width x 15" height x 30" depth  
maximum temperature - 1,600 F

Cooley Furnace  
14" width x 8" height x 26" depth  
maximum temperature - 1,850 F

#### CAD/CAM

Unigraphics  
AutoCAD  
Mechanical Desktop  
SolidWorks  
Pro-E