



Plant 1

A & G Manufacturing Co., Inc.
 165 Gelsanliter Road
 Galion, OH 44833
 Phone (419) 468-7433
 Fax (419) 468-3990

Plant 1 is situated on 4 acres with 33,000 sq ft.. It currently houses the main office, A & G Mercury Sales Office, Machine Shop, and A & G Mercury Parts Warehouse.

Machine Shop Capacities:

- CNC Turning up to 15" diameter x 50" long between centers
- CNC Vertical machining center 50" x 28" x 28"
- CNC 4 Axis Vertical machining center 48" x 24" x 24"
- CNC Horizontal machining center with two 24" pallets
- Vertical turret lathe up to 40" diameter
- Horizontal boring mill 60" x 48" x 60"
- Rotary Grinder 42" Diameter Table

Machining Samples:



Rod End



Tee Lever



Wheel Hub



Axle Beam



Brake Actuator



Steering Cylinder



Knuckle



Mill type
Hydraulic Cylinder



Wear Shoe



Machined Weldment

A & G Manufacturing Co., Inc. has state of the art equipment, and the personnel to precision machine your parts. If you need 1 piece or 10,000 pieces machined call today for a quote.

Make A & G your only source for all of your machining.



Plant 1 Equipment List

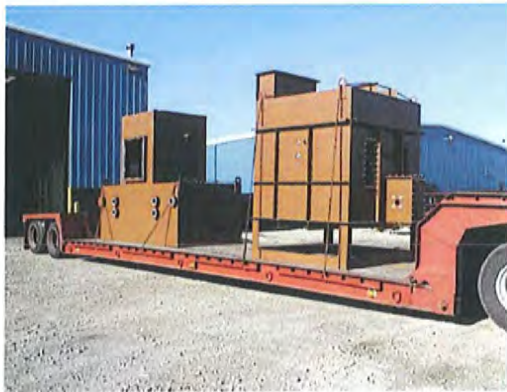
DESCRIPTION	MACHINE TYPE	CAPACITIES
<u>Brown & Sharp model 7.7.5 CMM</u>		
<u>C.N.C. 2008 Makino A-81 - Horizontal Machining Center</u> 10,000 RPM Spindle, Renishaw Prove, Renishaw Laser Tool Setting, 60 Tool Mag., 50 Taper	H.M.C.	X=35.43", Y=31.5", Z= 40.1
<u>C.N.C. 2007 Mazak 510 C II Vertical Machining Center</u> – 12 K Spindle, 30 Tool Mag, Renishaw Probe, Automatic Tool Breakage Detection	V.M.C.	X=41.34", Y= 20.08" Z=20.08" With 4 th Axis
C.N.C. OKUMA L1420 Lathe	LATHE	15" Swing x 42"
C.N.C. OKUMA CROWN SBB 726S Lathe	LATHE	10" Swing x 24"
C.N.C. OKUMA MC6VA Vertical Machining Center W/4 th Axis	V.MC.	X=24 ½", Y= 48 ½", Z=24 ½"
C.N.C. MAKINO FNC 106 Vertical Machining Center	V.MC.	X=42", Y=24", Z=22"
C.N.C. MAKINO FNC 156 Vertical Machining Center	V.MC.	X=59", Y=24", Z=22"
C.N.C. MORI SEIKI MH63 Horizontal Machining Center -2 Pallets	H.M.C.	X=24", Y=24", Z=24" W/1 Degree Indexing
MONARCH Engine Lathe	LATHE	24" swing x 192" centers
MONARCH Engine Lathe	LATHE	10" swing x 20" centers
WARNER & SWASEY 2A Turret Lathe	LATHE	15" Power Chuck
WARNER & SWASEY 3A Turret Lathe	LATHE	24" Chuck
VERSON Brake Press	BRAKE PRESS	7-Ton
CINCINNATI #3 Horizontal Mill	MILL	15" x 62 ½" Table
GRISHOLT #5 Turret Lathe	LATHE	12" Power Chuck
BULLARD Man-Au-Trol Vertical Turret Lathe	LATHE	36" Chuck
LUCAS 542B84 5" Horizontal Mill With R/O With 36" Tilting Rotary Table	BORING MILL	5" Spindle x 72" Y= 68.5, Z= 53.5
XLO 30" Optical Comparitor With R/O	Q.C. Equipment	
BRIDGEPORT Vertical Mill With R/O	MILL	9" x 42" Table
FOSDICK Jig Borer With R/O	JIG BORE	22" x 42" Table; 5' Travel
CINCINNATI BICKFORD Radial Drill Press	DRILL PRESS	14" x 15" Table
CINCINNATI BICKFORD Drill Press w/ Manitrol Table	DRILL PRESS	
AVERY Single-spindle Drill Press	DRILL PRESS	
ALLEN Three-spindle Drill Press	DRILL PRESS	24" x 72 ½" Table
Mattison Rotary Surface Grinder 42" table	GRINDER	42" Dia. 16" Height
BROWN & SHARP Surface Grinder	GRINDER	6" x 18"
MOHAWK Drill Grinder	GRINDER	
DAREX Drill Grinder	GRINDER	
K.O. LEE Cutter Grinder B2060BB	GRINDER	
BROWN AND SHARP Shaper	VERTICAL SHAPER	6" Stroke
DOALL Vertical Band Saw	SAW	36" Throat
HAMOND Tool Grinder	GRINDER	
SUNNEN Hone MBB 1660	HONE	
BARRET Chip Spinner	SPINNER	
BUDGET 1-Ton Overhead Crane	CRANE	
YALE 1/2-Ton Overhead Crane	CRANE	
C & M 1/4-Ton Overhead Crane	CRANE	
BUDGET Overhead Crane	CRANE	
CAMMON Tap Disintegrater	DISINTEGRATER	
Hydraulic Press	PRESS	20 Ton
LANDIS Threading Machine	THREADER	
WELLS Band Saw 1270	BAND SAW	12 x 12
THERODYNAMIC Plasma Pak 625 XR	PLASMA	½" Capacity
EMPIRE Blast Cabinet EF2448	BLAST CABINET	
24 x 36 Granite Surface Plate	Q.C. Equipment	
Bore Gages	Q.C. Equipment	0 – 24"
Micrometers	Q.C. Equipment	0 – 24"
Height Gages	Q.C. Equipment	0 -- 18"
Gage Blocks	Q.C. Equipment	

	PLANT 2		A & G Manufacturing Company,
			GELSANLITER RD. GALION, OHIO 44833

Plant 2 was the first plant for A&G Mfg. Co. Inc.. The original building was built in 1975. Since then it has had 5 expansions. Plant 2 is situated on 11 acres with 54,000 sq. ft of manufacturing space.

Job shop services:

- * Heavy fabrication (up to 1 1/2 plate)
- * Electrical wiring
- * Assembly
- * Sandblasting
- * Painting
- * Powder coating



Quench tank



Mast lifts



Bridge weldment



Stainless steel ash mixer

Whether your job requires fabrication, machining, or assembly, A&G Mfg. Co. inc. has the facilities, equipment, and personnel to manufacture accurately-on schedule-and at a reasonable price.

Call for a quote today!



Plant 2 Equipment List

DESCRIPTION	CAPACITIES
CINCINNATI Shear	½" x 10'
WELLS Horizontal Band Saw	12" x 12'
Iron Worker	
PACIFIC Brake Press	500 Ton x 14'
BERTSCH Punch Roll	½" x 8; 12" Rolls
WYSONG Brake Press 150-10	150 Ton x 14'
WHITNEY Hydraulic Beam Punches	
BUFFALO Angle Roll	
FOSDICK Radial Drill Press	
BRIDGEPORT Vertical Mill	
DoAll Horizontal Saw #CMI190073	14" Rd. 13" x 21" Rectangle
BUFFALO Drill Press #18	
STRIPPIT Fabricator	30 Ton
QUINCY Air Compressor 370-1	
QUINCY Air Compressor	
QUINCY Air Compressor OST245ANA31C	
DELMONIX 3F10 Air Purification System	
7 – 5 TON OVERHEAD CRANES	
CLEMCO SMIMT #1388 Sandblast Unit,	
CLARK Forklift	4,000-LB.
HYSTER Forklift	5,000-LB.
CLARK Forklift C500 Y160	10,000-LB.
Dust Collector	
CLARK Forklift C500 Y25	
NELSON Stud Welder TR-850	
11-MILLER Welding machines	
HOBART C-500	
NEDERMAN Air Filter 600441	
LINCOLN Shield Arc Welder	
MILLER Syncrowave 300 Tig	
IDEAL Arc 400	
AIRCO Pulse Arc Welder	
BONAL Tech. Force Inducer	
CINCINNATI Pedestal Grinder	
2-SIGNATURE Plasma Pak	
NEDERMAN Air Filter	
ATLAS Copco LT-12 Air Compressor	
Complete Filtration Air Dryer CFX250	
BINKS Paint Booth	
AIRCO Pulse Arc II400	
GRACO Paint Gun 223-843 ¼	
WAGNER powder coating system	Accepts up to 14' x 14' x 14'
2 Ton Over head conveyor for powder coat system	
REED & PRENTICE Roll 606	¼" x 8' ' 6" Rolls
DAREX Drill Grinder	
THERODYNAMIC Plasma Pak 625 XR	
MICRO Air Exhaust System RP4	
ENCO Band Saw 450	



Mercury Tractors & Trailers

Efficient intra-facility transport

When it comes to material handling inside your facility, efficiency pays. You know it, and so does A & G Mercury. Efficiency is the reason our line of Mercury tow tractors and trailers include a model that's right for just about any operation. You get a tractor with just the size, horsepower and features you're looking for, and that means maximum productivity on the job. Our trailers are standard models or designed "job specific".

Efficiency is also why every Mercury tow tractor and trailer features field proven, heavy-duty construction. Mercury tow tractors and trailers stay on the job, not in the shop. Less downtime means more profit. It's that simple. And efficiency is the heart of the Mercury design. Every Mercury tow tractor is constructed with comfort and safety in mind.

The result?

- ◆ Increased productivity and fewer accidents
- ◆ Wide selection
- ◆ Rugged construction
- ◆ Common-sense design

That's how Mercury tow tractors and trailers from A & G Mercury can increase material handling efficiency in your facility. And that's what you'll find in our features.



Patents Pending

The Series 300 Tow Tractor (Left) is our Latest addition to the Mercury Family

Features:

- ◆ Rugged one piece frame construction
- ◆ Standard sit down or optional sit/stand model
- ◆ 24, 36, or 48 volt models available
- ◆ Unique dual gear box steering
- ◆ Front and rear suspension
- ◆ SepEx motor and controller
- ◆ Direct drive axle and motor
- ◆ Hydraulic brakes
- ◆ Standard battery pack with built in charger
- ◆ Optional industrial battery and charger

SERIES	TOWING GVW	DRAWBAR PULL IN POUNDS	TYPE
300	16,000 LBS	500 to 800	24/36/48 VOLTS
400	80,000 LBS	3,000 to 4,000	INTERNAL COMBUSTION
500	80,000 LBS	3,000 to 4,000	36/48 VOLTS
700	80,000 LBS	3,000 to 4,000	36/48 VOLTS
700AC	120,000 LBS	3,000 to 6,000	72/80 VOLTS
800	120,000 LBS	3,000 to 6,000	INTERNAL COMBUSTION
800AC	160,000 LBS	3,000 to 8,000	72/80 VOLTS
1000	240,000 LBS	8,000 to 12,000	INTERNAL COMBUSTION

Material Transport Trailers

Mercury Material Transport Trailers are manufactured to provide years of reliable service. Along with standard models available, our trailers can also be designed to meet your special needs. Many choices are available

- ◆ Caster Steer
- ◆ Fifth Wheel Steer
- ◆ Dual Fifth Wheel Steer
- ◆ Automotive Knuckle Steer
- ◆ Dual Automotive Knuckle Steer
- ◆ Accu-Trac Chain & Cable Steer
- ◆ Die Trailers
- ◆ Custom Designs

All trailers are engineered using Solid Modeling. The design is proven using a computer tracking program. We know how they will perform before the manufacturing begins. During fabrication, close attention is given to fit and finish. Before shipment, we test the trailers for tracking and stability on our test track.

Below are pictures of designs and components



Left 4 wheel steer trailer with torsion axles



Right Accu-Trac 4 wheel chain steer trailer



Left Typical 4 wheel knuckle steer design



Right Typical pin and clevis rear coupler



Left Trailer with swing gate, stake sides and ramp



Right Special deck with rollers and load stops



A&G Mercury
 Division of A&G Manufacturing Company, Inc.
 P.O. Box 935 • 165 Gelsanliter Road
 Galion, Ohio 44833
 Phone: (419)468-7433 • Fax: (419)468-3990
 Email: Jim@agmercury.com
 Website: www.agmercury.com

