



Miller Welding & Machine Co.



Single Source Solution

OUR SERVICES

**One Stop Shop.
Use As Many Services
As You Need.**

MWM offers a broad array of services which enables us to be your single source provider. Each service, or any combination of services, can be customized to suit your precise specifications.

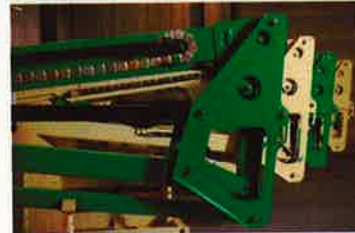
At Miller Welding & Machine, we're dedicated to producing quality parts and are committed to improving the manufacturing process.



MECHANICAL ASSEMBLY

One Ready-to-Use Part. Endless Efficiencies.

We'll procure, assemble and deliver a single part for easier management, simplified supply and reduced overhead.



PAINTING & FINISHING

Top-Notch Coating. Wide Range of Sizes.

Your parts receive a quality finish. They're ready to be integrated into the manufacturing stream at the point of use.



MACHINING

Dependable Quality. Up to 40,000 Pounds.

Our machining services can have a direct and positive impact on your bottom line.



WELDING

Robotics and Manual. Diverse Capabilities.

High-tech equipment plus a certified workforce deliver unfailing welds on a consistent basis.



FABRICATING

Meeting Customer Specs. Competitively Priced.

A wide variety of processes and material choices allow us to provide a multitude of parts to your specifications.

INDUSTRY SOLUTIONS

Consider MWM Your Single Source Solution.

Miller Welding & Machine can provide the customized parts your industry needs.

Over the years we've created or refurbished parts for companies from construction, steel, agriculture, plastics, rubber, lumber, utilities, mining and other industries.

We can produce new parts, repair your original parts, or handle the repairs and logistics during your scheduled outages.

OEMs

Let us handle all the details, machining and logistics. This will free up valuable floor space and let you focus on increasing your profits.

Processing Industries

We'll work with your engineers to ensure your parts are manufactured in the quickest, most cost-effective manner.

Refurbishing

By depending on us to repair and return your parts, you'll always have the components you need to meet your deadlines.



Miller Welding & Machine Co. has acquired ISO certifications and is also a HUBZone registered company.

MWM is committed to continuously improving our quality and environmental aspects.

Safety

Our defined processes keep our workers safe, which prevents unplanned work stoppages. Safety is, and always will be, our primary focus.

Reliability

Having the newest gauges and calibrations ensures accuracy. We consider an investment in our equipment to be an investment in the final product. A lower percentage of rejected parts translates to a lower price and a seamless operation for our customers.

Hard Working

At MWM our strong work ethic ensures that our customers are provided with exceptional service and unmatched quality.

Dedication

We are committed to continually improving our processes to provide our customers with quality products and services on time; the first time; every time.



ORGANIZATION

At MWM, we believe part of our customers' satisfaction is linked to our investment in current technology. Our state-of-the-art equipment enables us to quickly produce high quality parts.

We also believe that teamwork plays a vital role in our company's success, and maintaining our integrity at all times ensures and strengthens our customer relationships.

Sandy Lick Facility

The Sandy Lick Plant, named for the neighboring Sandy Lick Creek, is located two miles from Interstate 80. With 98,000 square feet of floor space, this plant houses our comprehensive machining and fabrication services, and our main office.

Maplevale Facility

Situated less than one quarter of a mile from Interstate 80, Maplevale is our largest facility, with 134,000 square feet of floor space. Our state-of-the-art finishing systems and fabrications services are located in this facility. Purchased in 2000, this 66-acre plant has space for future expansions.

Homer City Facility

Miller Welding & Machine Co. began operating in Homer City in 2007, in a facility that offers 250,000 square feet of floor space. The plant offers a convenient location with close proximity to the Interstate highway system and is located only an hour away from Pittsburgh, Pennsylvania.

CONTACT US

Sandy Lick Facility, 111 2nd ST, Brookville, PA 15825
Maplevale Facility, 1000 Miller DR, Brookville, PA 15825
Homer City Facility, 57 Cooper AVE, Homer City, PA 15748
T: 814.849.3061
F: 814.849.7508



OUR SERVICES

APPLIED COMPONENTS, INC.
Manufacturers' Representatives
Phone: (440) 934-9595
Fax: (440) 934-9603

www.millerwelding.com

Information correct at time of print.



Miller Welding & Machine Co.

Equipment List

July 2012

Finishing Systems

Powder System:

Maximum Part Dimensions: 60" W x 72" H x 144" L.

Maximum Part Weight: 5,000 lbs.

Equipment:

BCP 8-Wheel Blast Machine.

Herr Industrial 5-Stage Wash.

Herr Industrial Dry Off Oven.

Wagner ABC Powder Booth featuring:

Automatic Self-Cleaning System.

Digiflow Control System.

12 Automatic Powder Guns.

2 Manual Powder Guns.

Laser Thermoscope for Powder Thickness Control.

Herr Industrial Curing Oven.

Jervis Webb Power and Free Conveyor System.

Pollution Control Systems Burn Off Oven.

Manual System:

Maximum Part Dimensions: 10'3" W x 13'10" H x 40' L.

Air cured length 80' L.

Maximum Part Weight: N/A

Equipment:

BCP Manual Blast Room.

JBI Manual Wash Room.

JBI Primer Booth with Graco Precision Mix System.

JBI Finish Booth with Graco Precision Mix System.

Herr Industrial Curing Oven.

CNC Robotics

- 2 - MotoMan ASG Custom Robotic Welding Cell with dual NX-100 Control.
Dual EA1900N 2.93m Arms, 6000kg capacity, 16'5" work envelope, ComArc enabled.
- 1 - MotoMan ASG Custom Robotic Plasma Cutting Cell.
Dual HP20-6 robots with Hypertherm HPR-130 plasma torches.
One HP350 Material Handling robot.
500lb capacity, 12.50 ft work envelope.
- 1 - MotoMan ArcWorld IV 6000 Robotic Welding Cell with NX100 Control.
EA1900N 2.93m Arm, 1200kg capacity, ComArc enabled.
- 1 - MotoMan ArcWorld 6200 Robotic Welding Cell with MRC Control.
Dual SK6 2.93m Arms, 500kg load.
- 1 - MotoMan FabWorld Robotic Welding Cell with NX100 Control.
UP20MN 4.00m Arm, 1500kg capacity, ComArc enabled.
- 1 - MotoMan FabWorld Robotic Welding Cell with NX100 Control.
EA1900N 2.93m Arm, 1500kg capacity, ComArc enabled.
- 1 - MotoMan FabWorld Robotic Welding Cell with XRC Control.
UP20-6 3.00m Arm, 1500kg capacity, ComArc enabled.
- 4 - Panasonic Robotic Welding Cells.
Dual TA-1400 1.38m Arms, 400A power supply, 500kg capacity.



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CNC Horizontal Machining Centers

- 1 – Mazak H6000 Nexus Horizontal Machining Center with Mazatrol 640M Nexus Control.
Travels: X – 31.5", Y – 31.5", Z – 31.5".
Table: 19.68" x 19.68", 2 Pallets. 1 Degree Indexing.
Spindle – 3.94", 10,000 RPM. 43 Tool ATC.
- 2 – Mazak H630 Horizontal Machining Centers with M-32 Control.
Travels: X – 39.4", Y – 31.5", Z – 29.5". Table: 25" x 25", 2 Pallets.
1 Degree Indexing. 40 Tool ATC.
- 1 – Mazak H680 Horizontal Machining Center with M-Plus Control.
Travels: X – 39.4", Y – 31.5", Z – 29.5". Table: 25" x 25", 2 Pallets.
1 Degree Indexing. 120 Tool ATC.
- 1 – Niiigata HN63C Horizontal Machining Center with Fanuc 16IM Control.
Travels: X - 39.4", Y - 33.5", Z - 29.5". Table: 24.8" x 24.8", 2 Pallets.
0.001 Degree Indexing, 60 Tool ATC.
- 1 - Niiigata H800 Horizontal Machining Center with Fanuc 15MA Control.
Travels: X - 60.2", Y - 48", Z - 44.9". Table: 31.5" x 31.5", 2 Pallets.
0.001 Degree Indexing, 60 Tool ATC.
- 1 - Mori Seiki SH8000 Horizontal Machining Center with Fanuc MSG501 Control.
Travels: X - 51.2", Y - 47.2", Z - 43.3". Table: 31.5" x 31.5", 2 Pallets.
1 Degree Indexing, 60 Tool ATC.
- 1 – Kia HC800 Horizontal Machining Centers.
Travels: X – 49.2", Y – 35.4", Z – 31.5"
Table: 31.5" x 31.5", 2 Pallets, 1 Degree Indexing. 60 Tool ATC.

CNC Horizontal Boring Mills

- 1 - Giddings and Lewis RT1250 HBM with Fanuc 310I Control.
Travels: X - 141.69", Y - 82.60", Z - 49.20", W - 59.00".
0.001 Degree Indexing, 6.00" Spindle.
Table size: 63" x 71". 60 Tool ATC.
- 1 - Toshiba BTD 13F.R22 HBM with Tosnuc 888 Control.
Travels: X – 118", Y – 90.5", Z – 63", W – 27.5".
0.001 Degree Indexing, 130 MM Spindle.
Table: 71" x 86". 60 Tool ATC.
- 5 – Kia KBN135 HBM.
Travels: X – 118", Y – 79", Z – 63", W – 27.5", Spindle – 5.3".
Table: 79" x 79", 4 Axis Machining Capability. 40 Tool ATC.
- 2 – Vanguard TH6511B HBM with Fanuc 18i Control.
Travels: X – 78.7", Y – 59", Z – 47.2", W – 21.60".
0.001 Degree Indexing, 4.00" Spindle.
Table: 49.2" x 55.1", 40 Tool ATC.



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CNC Vertical Machining Centers

- 2 – Amara Seiki Gantry Machining Center. Travels: X – 165", Y – 78", Z – 35".
Table: 65" x 165". 32 Tool ATC.
- 1 – Vanguard GMB100 Vertical Mill
Travels: X – 39.37", Y – 78.74", Z – 23.8" Table: 39.37" x 78.74". 20 Tool ATC
- 2 – Mazak MTV515 Vertical Machining Centers with M-Plus Control.
Travels: X – 41.3", Y – 20", Z – 22".
Table: 21.6" x 51.1", 2 Pallets. 60 Tool ATC.
- 1 – Haas VF3 Vertical Machining Center with 3 – Axis CNC Haas Control.
Travels: X – 40", Y – 20", Z – 25". Table: 20" x 40", 2 Pallets. 32 Tool ATC.

CNC Integrated Horizontal and Turning Machining Centers

- 1 – Doosan MX3000S Multi-Function Turning Center with Fanuc 18i-TB Control.
Travels: X – 21.85", Y – 6.3" Z – 59.84". Max Turning Dia. – 21.25".
Chuck Size – 12". Spindle – 10,000 RPM. 40 Tool ATC.
Twin synchronized spindles with milling capabilities.

CNC Lathes

- 1 – Mazak Slant Turn 35N ATC M/C with T-32 Control. Swing: 18".
2.5" Through Spindle, 60" Between Centers. 16 Tool ATC.
- 1 – Mazak Slant Turn 28N ATC M/C with T-32 Control. Swing: 18".
2.5" Through Spindle, 60" Between Centers. 16 Tool ATC.
- 1 – Doosan Lynx 300M with Faunc I control. Swing: 17.7".
Z – Axis Stroke: 31.1". 3.1" Through Spindle.
Live tooling on X and Z-Axis. C-Axis Milling capable.
IEMCA Master 80 HF Automatic Barfeeder, 3.00" dia. capacity, 12' bars.
- 1 – Mazak Quick Turn 15NX ATC with T-32 Control. Swing: 17.32".
Z – Axis Stroke: 11.81". 2.4" Through Spindle. 8 Tool ATC.
- 1 – Mazak Quick Turn 20N ATC with T-32 Control. Swing: 17.32".
Z – Axis Stroke: 11.81". 2.4" Through Spindle. 8 Tool ATC.

CNC Cutting Machines

- 1 – Mitsubishi LVP3718 4000W CO2 Laser Cutting System.
Table size: 60" x 120", Capacity: 1" Thickness.
Integrated into MCSIII Auto-FlexMS.
- 1 – Mitsubishi 3015 LVP-45CF-R 4500W CO2 Laser Cutting System.
Table size: 60" x 120", Capacity: 1" Thickness
Integrated into MCSIII Auto-FlexMS.
- 1 – Mitsubishi MCSIII Auto-FlexMS HP 2 Laser layout with 12-Shelf Tower.
Capacity: 72,000 lb.
- 1 – Messer MPC 2000 Plasma Cutting System with Messer Global Control.
2 Hypotherm Plasma HPR 260 Torches (2" Steel Plate Capacity),
6 Oxy Fuel Torches (12" Steel Plate Capacity), Water Table, Travel: 17' x 50'.
- 1 – North American Cutting Systems PCS3500HD with Burny 10 LCD Plus Control.
1 Kalibum Spirit 400a Plasma Torch (3" Steel Plate Capacity),
5 Oxy Fuel Torches (12" Steel Plate Capacity), Water Table, Travel: 10' x 50'.



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Portable Coordinate Measuring Machines (CMM)

- 1 – 12', 6-Axis Platinum Faro Portable Coordinate Measuring Arm with Cam2 Measure 10 Software.
- 1 – 12', 7-Axis Platinum Faro Portable Coordinate Measuring Arm with Cam2 Measure 10 Software.

CNC Grinding Machines

- 1 – Walter Helitronic. Universal 5 Axis CNC Tool and Cutter Grinding Machine.

Vertical Boring Mills

- 1 – King Vertical Boring Mill with Digital Readout. Swing: 78". Height Under Rail: 48".

Horizontal Boring Mills

- 1 – Toshiba BFT-13 5" Bar Boring Mill with Digital Readout.
Travels: X – 118", Y – 84", Z – 63". Table 59" x 118".
- 1 – Sacem 4.3125" Bar Boring Mill with Digital Readout.
Travels: X – 67", Y – 44", Z – 53". Table: 39" x 47".
- 1 – Shibaura 3.3125" Bar Boring Mill with Digital Readout.
Travels: X – 39", Y – 39", Z – 32". Table: 35" x 41".

Engine Lathes

- 1 – Timemaster. Swing: 40" Over Ways, 30" Over Carriage. Center to Center: 240"
- 1 – Sirco. Swing: 24" Over Ways, 16" Over Carriage. Center to Center: 120".
- 1 – Sigma with Digital Readout. Swing: 20" Over Ways. 10.2" Over Carriage.
Center to Center: 84".
- 1 – Sigma. Swing: 20" Over Ways, 10.5" Over Carriage. Center to Center: 60".

Presses

- 1 - Toyokoki HYB85 CNC Press Brake. Capacity: 85 Metric Ton. Bed Length: 98.5".
- 2 – Cincinnati FM750 Press Brake. Capacity: 750 Ton. Bed Length: 16'
- 2 – Cincinnati CB350 Press Brake. Capacity: 350 Ton. Bed Length: 12'
- 1 – Cincinnati 300H Press Brake. Capacity: 300 Ton. Bed length: 10'
- 2 – Hydraulic Arbor Presses. Capacity: 150 Ton.
- 1 – Rodger Hydraulic Straightening Press. Capacity: 150 Ton. Bed Length: 12'.
- 1 – Hydraulic Broaching Press. 49" Wide Capacity.

Welding Positioners

- 9 – Various Sizes. Capacities: Ranging from 1,000 lbs. to 30,000 lbs.



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Welding Machines

~150 – Various Sizes. Ratings: Ranging from 200 Amp to 600 Amp.

Miscellaneous Machines

2 – Hydrostatic Pressure Testers.

1 – Electro-Arc Metal Disintegrator.

1 – Cammann Metal Disintegrator.

1 – Formula 62 Stress Reliever.

2 – CM-1000 Shot Blast Machine. Diameter: 36" Height: 20"

1 – AME Plate Sanding Machine. Belt Width: 36". Height 5".

Vertical Milling Machines

3 – Bridgeport Series 1 with Digital Readout.
Travels: X – 30", Y – 12", Z – 16". Table: 9" x 42".

Radial Arm Drill Presses

5 – Various Sizes. Arms: Ranging from 10" to 12". Columns: Ranging from 36" to 60".

Drill Presses

5 – Various Sizes.

Grinders

1 – Blanchard Model #18. Height Under Wheel: 14". Table: 36".

1 – Okamoto. 12" x 24" Hydraulic. Height Under Wheel: 13.7".

1 – Cincinnati Cylinder. Diameter: 12". Length: 48".

1 – Thompson. 24" x 48". Height Under Wheel: 22".

1 – Springfield Vertical Universal. Diameter: 26". Height Under Wheel: 20".

Saws

8 – Various Sizes.

Burning Machines

3 – Radiographic Automatic Burning Machines.