



Need Solutions...*to improve efficiency, safety and productivity?* **ask... ASGCO®**
www.asgco.com | 800.344.4000





Promise

Applies to every client, every time. Always think and work in terms of solutions that are best for the customer in the long term. Provide prompt, reliable service to every client, every time. Develop and sell products that satisfy the practical working needs of our customers.



Steel Fabrication Division

With over 50 years' experience welding and fabricating steel, stainless steel and aluminum ASGCO® has the ability to manufacture complex projects because of a skilled veteran workforce and an experienced management and engineering staff. Our ability to fabricate a wide variety of materials and types of jobs enable ASGCO® to provide diverse services to many industries including mining, cement, energy, and civil structures with a high level of quality and customer satisfaction. Our fabrication capabilities are enhanced by incorporating precision machinery and advanced software to the job process.

Contract Manufacturing

Our 200,000 square-foot facility in Nazareth, PA houses all fabrication equipment under one roof to produce high-end precision products for our clients.

Services & Capabilities

- Light to Heavy Fabrication
- Laser Cutting & Precision Bending
- Plating
- Galvanizing
- Epoxy Coating
- Powder Coating
- Contract Manufacturing
- Conveyors
- Chutes and Transfer Points
- Hoppers and Bins
- Stairways and Handrails
- Custom Fabricated parts
- Repairs



Complete Fabrication Department

ASGCO's complete Fabrication Department can address all emergencies. Engineering and Fabrication of your components happens in the shortest time possible using computerized CNC Plasma and Press Brake machines. At times your damaged systems can be dismantled, re-engineered and re-manufactured in a matter of hours.

ASGCO can redesign troubled systems, bring us your most problematic conveyors for solutions. Our highly skilled and dedicated staff, programmers, machine operators and material handlers have expertise with a wide variety of applications.

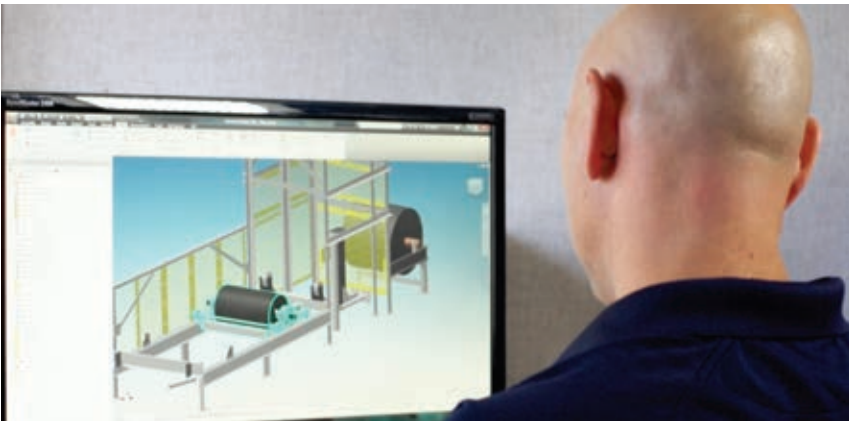
Typical Projects Include

- Replacement of rusted/ damaged conveyor structures.
- Complete chute replacement and relining
- Impact Zone Modifications, Skirting installation and/or replacement
- Conveyor Frame replacement.



Operating Machines

- Trumpf 3000 & 5000 Watt Lasers up to 1" cutting Capacity 60" X 120"
- Trumpf Tru Tops Nesting and Planning software
- Komatsu Hi-Definition Plasma Table 60" X 120"
- 2 Hyd-Mech Automatic Band Saws
- Mazak VTC30 Mill 64" X 20" X20" Capacity
- Mazak FH580/40 Horizontal Mill
- Victor Manual Milling Machine
- Manual Lathe
- Mazak ST35 Lathe
- Primeline 220 Ton Press Brake 10' capacity at 1/4"
- Amada Press Brake
- Miller TiG Welder
- 8 Miller P30 MIG Welders
- Robotic Welding Cell
- Paint booth 26' X 14' X 8' Capacity
- Powder Coating Capabilities 20' X 8' X 8'

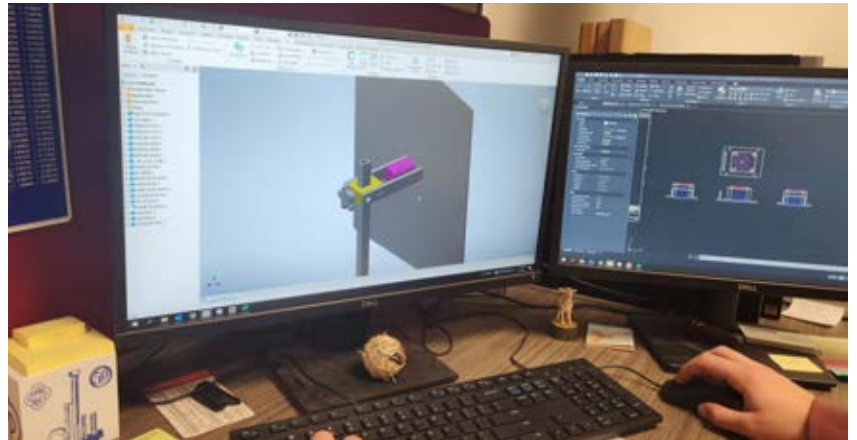


Design

- 3D Design Capability
- EDEM Complete Transfer Point Design and Fabrication
- Point Cloud Laser Scanning
- New product development
- Custom load zone designs
- Existing products modifications
- Certified CAD engineering drawings

Engineering

- E2 Shop System
- Fusion 360 CNC - CAD - CAM
- AutoCAD - Inventor
- Shop Floor control and planning software



Contract Manufacturing

- Assisting manufacturers with their production requirements
- One stop for Engineering, Fabrication and Finishing
- Uses ASGCO's extensive inventory of raw materials

Operations & Parts manufactured

- ASGCO works with Architects & Manufacturers in providing specialty components for building structures



Laser Cutting

- Cost effective laser cutting for carbon and stainless steel
- Maximum material usage by use of a common platform nesting software
- Sheet Capacity 60" X 120"
- 3/4" cutting capacity in steel
- 5/8" cutting capacity in aluminum and stainless
- TruTops Nesting and planning software



Plasma

- Table Capacity 60" X 120"
- Capacity up to 1" thick
- Razor Nest nesting software
- Cost effective plasma burner for carbon and stainless steel
- Transfer capability of CAD and .DXF files

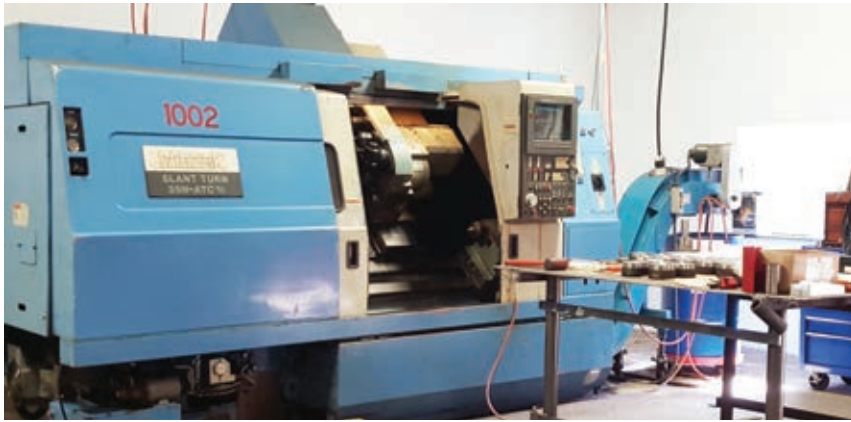
Forming

- 10' capacity at 1/4" thick
- 240 ton capacity
- Programable for multiple bends
- Hydraulic Press Brake
- High Precision
- Heavy Plate Application



Welding

- Mild steel plate welding using GMAW process
- Stainless steel plate welding using GMAW process
- Aluminum plate welding GMAW and GTAW
- Pipe Welding GTAW, FCAW and GMAW



Turning

- 3.5" through spindle capacity
- Live tooling capacity for X and Z axis
- Mazatrol programming capable of programming on the shop floor

Milling

- 48 tool capacity
- 20" X 20" X 64" capacity
- Mazatrol programming capable of programming on the shop floor



Sawing

- 13" x 18" capacity
- Capable of miter cutting and auto feed option
- Exceptional cutting performance on a wide range of material.
- Miters from 90° to 45°

Robotic Welding

- Robotic welding ensures high quality and efficient welds
- High production runs can cut costs.





Finishing

- ASGCO provides various finishes for specific applications
- Powder Coating
- Epoxy Coatings
- Zinc Plating Services
- Galvanizing Services
- Vibratory Finishing
- Customer Specific coatings on request

Sand Blasting

- Our State-of-the-Art sand blasting operation prepares surfaces for coatings & finishes.
- Recycling and automatic filtering of media ensures a consistent finished surface



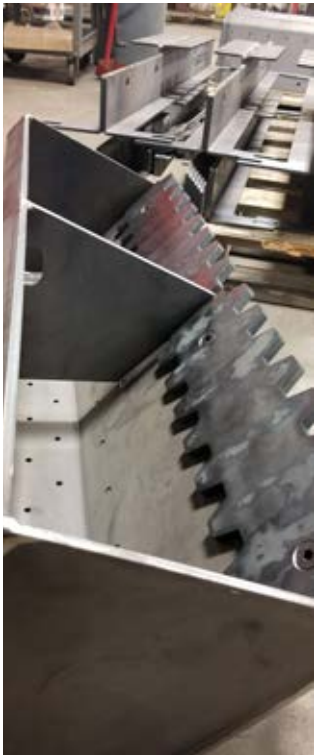
Powder Coating & Painting

- Powder Coating Capability 20'X8'X8'
- Paint Booth Capacity 26'X14'X8'
- High Temperature Curing Process
- Zero Discharge Zinc Phosphate wash down system

Spray Welding

- Spray weld adds a protective layer of Aluminum to existing steel components
- These finishes last longer the painted surfaces and hold up well in harsh environments.





Contact Us!

To get a free quote on upcoming steel fabrication job or projects. We will gladly review the project, discuss shipping schedules and look for ways to reduce costs and increase efficiency.