



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.



Fabrication Shop

With over 40 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 advance software to the job process.

Contract Manufacturing

Our 28,000 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
- Conveyors
- Chutes and Transfer Points
- Hoppers and Bins
- Stairways and Handrails
- Custom Fabricated parts
- Repairs



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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, programers, machine operators and material handlers have expertise with a wide variety of applications.

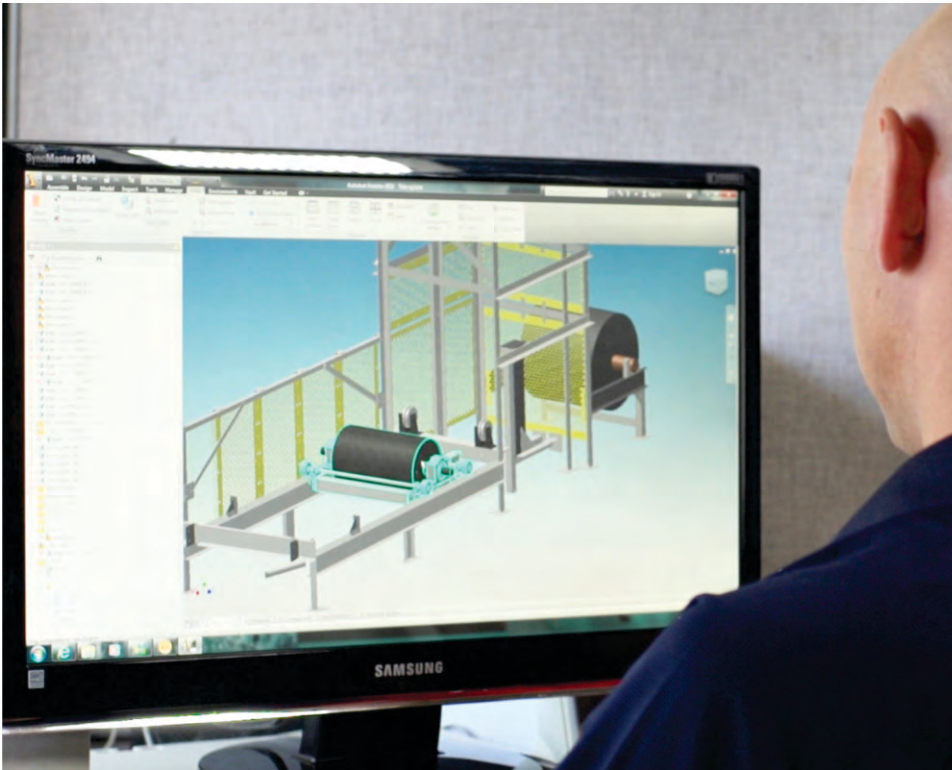
Typical Projects Include

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

Operating Machines

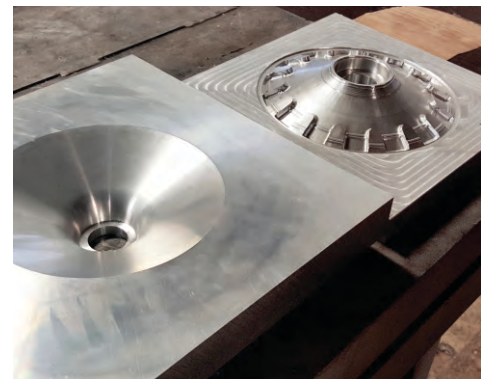
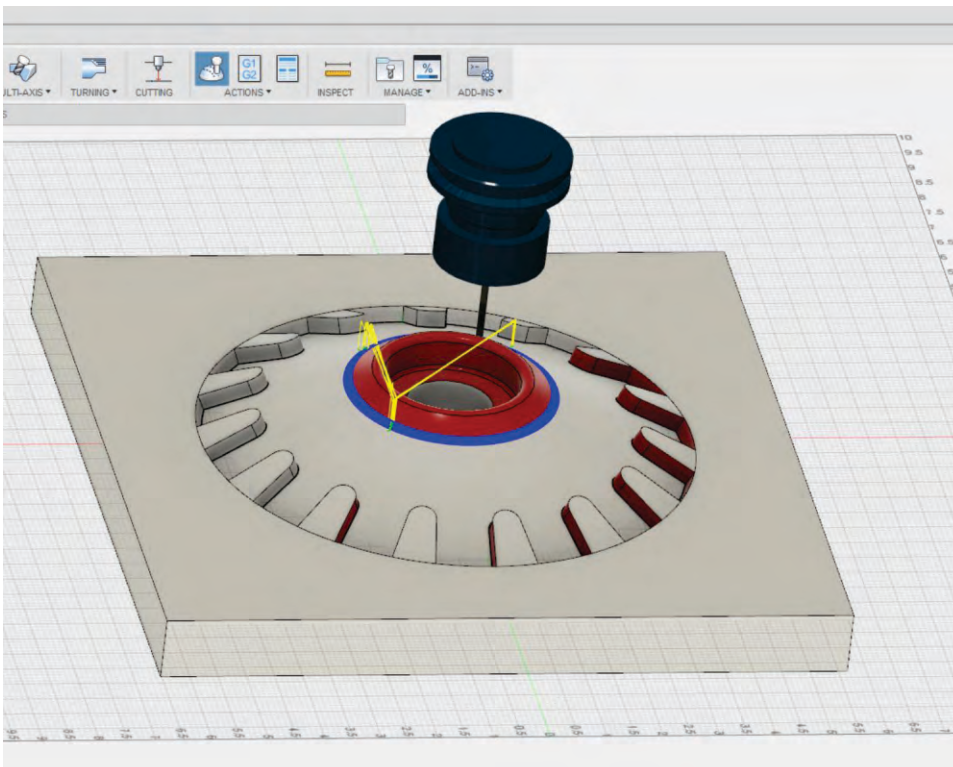
- Trumpf 3000 Watt Laser ¾" cutting Capacity 60" X 120"
- Trumpf Tru Tops Nesting and Planning software
- Komatsu Hi-Definition Plasma Table 60" X 120"
- 2 Hyd-Mach Automatic Band Saws
- Mazak VTC30 Mill 64" X 20" X20" Capacity
- Mazak FH580/40 Horizontal Mill
- Victor Manual Milling Machine
- South Bend Manual Lathe
- Mazak ST35 Lathe
- Primeline 220 Ton Press Break 10' capacity at ¼"
- Miller TiG Welder
- 6 Miller P30 MIG Welders
- Paint booth 26' X 14' X 8' Capacity
- Powder Coating Capabilities 20' X 8' X 8'

Design



Engineering

- 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



Manufacturing Software

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

Laser Cutting



Laser Cutting

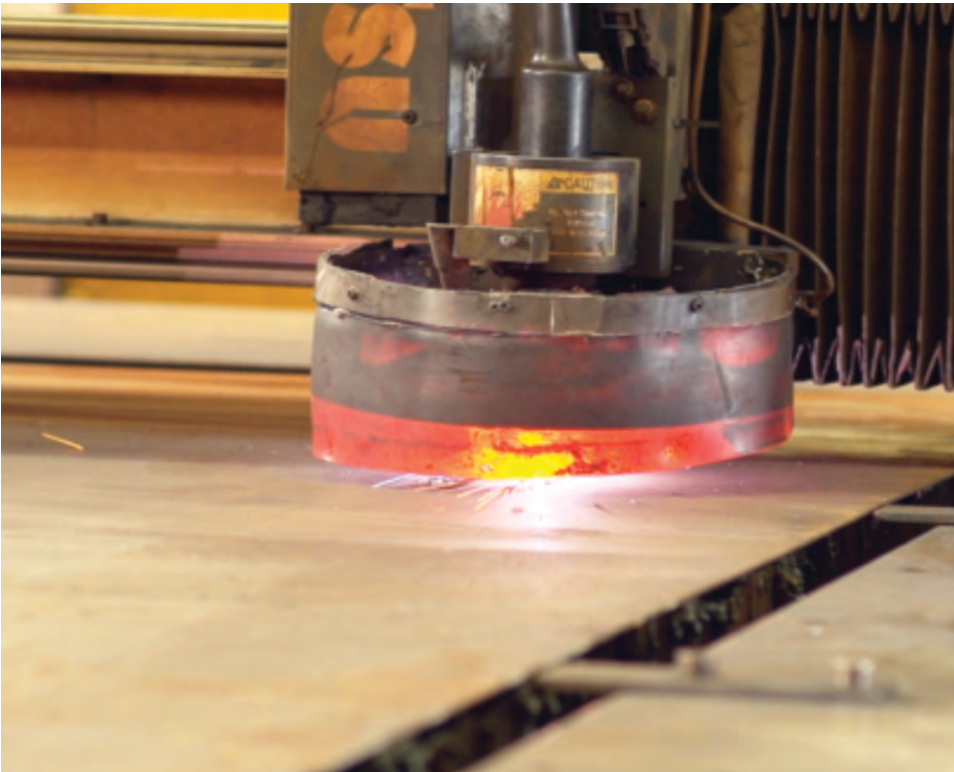
- Cost effective laser cutting for carbon and stainless steel
- Maximum material usage by use of a common platform nesting software
- Sheet Capacity 60" X 120"
- $\frac{3}{4}$ " cutting capacity in steel
- $\frac{5}{8}$ " cutting capacity in aluminum and stainless
- TruTops Nesting and planning software



3000 Watt Laser

- Carbon Steel 0.02 to 0.75
- Stainless Steel 0.02 to 0.50
- Sheet Size 60" x 120"

Plasma & Pipe Cutting



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



Pipe Cutting

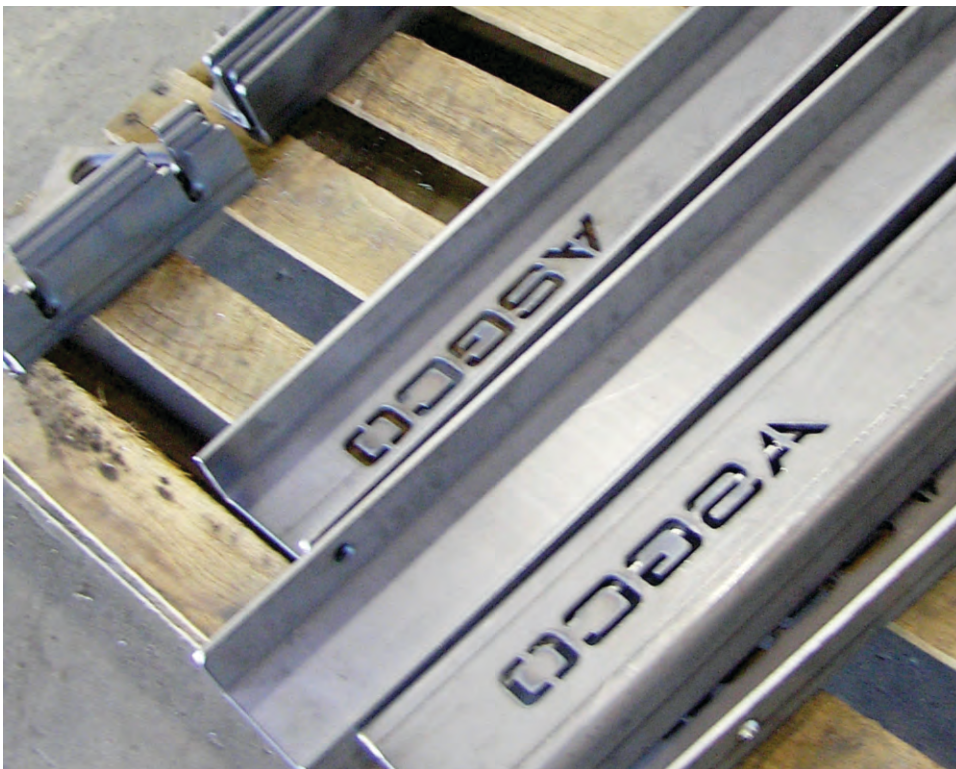
- 13" x 18" capacity
- Capable of miter cutting and auto feed option
- Exceptional cutting performance on a wide range of material.
- Miters from 90° to 45°

Forming



Forming

- 10' capacity at 1/4" thick
- 240 ton capacity
- Programmable for multiple bends



Forming

- Hydraulic Press Brake
- High Precision
- Heavy Plate Application

Machining



CNC Lathe

- 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

Welding



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



Welding

- Steel
- Stainless
- Aluminum
- Miller P30 MIG Welders
- 1 Miller TiG Welder

Powder Coating & Painting



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



Powder Coating & Painting

- Color Options Available
- Epoxies
- Enamel
- Special Coating

Complete Fabrication



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.