

Complete Conveyor Services

**ASGCO**<sup>®</sup>

Complete Conveyor Solutions



Service



AGGREGATE



RECYCLING




POWER



CEMENT



COAL



**THE ASGCO® 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.**

## About Us

ASGCO® Manufacturing, Inc. headquartered in Allentown, PA is a leading manufacturer of proprietary bulk conveyor components and accessories that enhance material flow performance. Founded in 1971 by Alfred S. Gibbs and his son Todd Gibbs, ASGCO® believes in taking care of the customer with great quality products and exceptional service. This has been a successful and standard policy at ASGCO® for many years and will continue in the future.

Every material handling system has conditions — either large or small, constant or intermittent, open or obscure — that an ASGCO® study can identify and improve. We also believe that a consulting study will provide improvements that will be a wise investment. That's because, no matter what the basic assignment, we always seek out ways to increase production and to reduce operating costs.

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## Conveyor Service Division

**Experienced MSHA certified field and service technicians are available 24/7/365** days a year to help keep your conveyor systems running like new.

**On-Site and On-Time Fabrication and Completion are essential** in any installation to shorten the schedule and minimize costly downtime.

**The significance of ensuring safety in the workplace has always been a priority of ASGCO** and their patented line of Conveyor Safety equipment delivers safety, versatility as well as rock solid construction.

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## Quality + Safety

At ASGCO® Manufacturing, Inc. we are focused on providing products, services and recommendations that solve problems for better overall conveyor efficiency, productivity and safety. ASGCO®'s aim is to be proactive in improving, managing and maintaining your conveyor system to insure your success.

Our certified technicians typically begin with a conveyor inspection to provide a detailed report on your conveyors condition and performance. We can then provide you with a combination of service and other options to identify opportunities to improve productivity, reduce hazards by replacing or upgrading components, install safety guarding and control costs.

**Our safety management program can help to keep your systems up to MSHA and OSHA requirements by:**

- Eliminating carry-back, fugitive material spillage and dust in the conveyor transfer points so your system is safe and code compliant.
- Insuring proper conveyor belt tracking throughout the system.
- Preventing and protecting injuries and protect your workers from hazardous risks by installing quality safety products from our patented Safe-Guard® line of conveyor guarding products
- We can assist you in putting together a full preventative maintenance package that would meet your unique needs to maintain your equipment and insure less costly downtime.



## Belt Splicing and Vulcanization

ASGCO® has been splicing conveyor belts since 1971. ASGCO® is a certified belt splicing company and continues to invest in the latest technology of vulcanizing presses and equipment to continually improve our conveyor belt splicing techniques. Our service technicians attend a certified conveyor belt splicing school certification class where they are trained in the latest splice procedures and material usage for conveyor belting. Training includes plied and straight-warp belting, steel cord and lightweight belting. Experienced MSHA certified field and service technicians are available 24/7/365 days a year to help keep your conveyor systems running like new.

### Key Services

- Conveyor Belt Splicing and Vulcanization (fabric & steel cord)
- Hot and Cold Vulcanizing or mechanical fasteners
- Complete Conveyor Belt Change Out
- On-Site Conveyor Repair
- Conveyor Engineering and Design
- Conveyor Laser Alignment

### Conveyor Belt Splicing and Vulcanizing Services (Up to 84")

- Rubber (plied or single warp construction)
- Kevlar • PVC
- Urethane

### Industries Served

- Power
- Coal and Mineral Mining
- Cement and Aggregate

### Belt Stringing Services (Up to 96" and 30,000 lb wind up capacity)

## Pulley Lagging Services

ASGCO®'s Pulley Lagging can be done in place, on site, at your local distributor or at the pulley manufacturer. Pulley lagging increases the traction between the belt and the pulley, which in turn reduces load and wear on the drive, belt, pulleys, bearings and take-up. For efficient and economical conveyor operation, proper pulley lagging is integral detail - one that delivers the following key benefits:

- Extends the life of key conveyor components.
- Reduces wear from abrasive materials.
- Prevents belt slippage by increasing the coefficient of friction between the conveyor belt and the pulley.
- Creates a self-cleaning action on the pulley surface and prevents the buildup of transported bulk material, water, snow or ice.

### Pulley Lagging Specification Tips:

- Plain steel drum pulleys (with no lagging) are best in dry, clean environments where traction is not critical, and when no foreign material is present on the return belt.
- Drum pulleys with plain rubber lagging are typically used in snub applications where traction is not critical.
- Drive pulleys that operate in wet or damp conditions are commonly grooved and are available in a smooth,



## Inspection and Maintenance Programs

Maintenance services maximize product output and overall conveyor performance. Routine conveyor inspection and maintenance will keep small problems from turning into major ones. Our certified technicians know how to maintain plant equipment and handle scheduled maintenance and emergency service 24 hours a day. Your conveyor equipment will be routinely serviced and checked to insure maximum performance and increased productivity from less downtime.

### Less operating costs Single Source Conveyor Solutions Provide:

- Scheduled conveyor walk throughs
- Identification of problem areas
- Detailed plan of attack to change and improve
- Installation of products
- Complete maintenance schedule

ASGCO®'s Service Team can assist you in putting together a full preventative maintenance package that would include maintaining conveyor system components such as drives, pulleys, idlers, chutes, belting and structure.

***Our goal is to maximize uptime and improve productivity.***

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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 system can be dismantled, re-engineered and re-manufactured in a matter of hours. ASGCO® can redesign troubled systems, bring us your most problematic conveyor for solutions.

### 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





## Conveyor Chute Lining

ASGCO's Chute Linings and Skirtboard are designed to be an integral part of a conveyor system. Our pre-engineered chute lining protects and cushions the chute from the material being handled; Skirtboard prevents fugitive materials from escaping and damaging the conveyor loading areas. We can build, design, fabricate and install chutes, and also repair and re-align existing chutes. Combining the right liner with the correct chute design improves overall system efficiency and maximizes material transfer, promoting efficient flow, dust suppression and reduced buildup inside the chute.

**A variety of conveyor chute lining materials are offered to suit your specific needs. Call for solutions for worn chutes and load zones. We have materials for every application:**

- **Steel Liners** - Armorite<sup>®</sup>, AR 400 Internal Liners, Stainless Steel and Nitronic 30
- **Ceramic Liners** - X-Wear<sup>™</sup>, X-Wear MDX<sup>™</sup> and X-Wear<sup>™</sup> Canoe Skirt Liners
- **Urethane Liners** - Wide array of urethane products depending upon the application (Classifier Shoes, Hydrocyclone, etc.)
- **Plastic Liners** - UMHW, Nylon
- **Chromium Carbide Liners**
- **Rubber Liners**

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## Conveyor Laser Alignment

ASGCO's Laser Alignment Services improves the overall conveyor performance using state-of-the-art laser equipment and digital processors. ASGCO technicians can accurately analyze the alignment of all the conveyor components and structure of the conveyor for better efficiency.

- **Improves Conveyor Efficiency** - by extending belt life and components, improving dust control, and reduced power consumption.
- **Provides Accurate Analysis** - of all conveyor pulleys, drives, take-ups, components and structure.
- **Precise Corrections** - are identified on a detailed conveyor status report via a computer printout on site after the analysis.
- **Total Satisfaction Guaranteed (TSG)** - of our laser alignment and conveyor services is guaranteed each and every time.

**Laser Alignment identifies the areas of the conveyor that are responsible for:**

- Belt mis-tracking
- Abnormal or premature pulley lagging wear
- Premature bearing failure
- Pulley end disc failure
- Off-center loading issues
- Material spillage
- Idler, frame, chute damage
- Excessive motor current draw



## ASGCO® Conveyor Engineering Services

ASGCO® Complete Conveyor Solutions™ uses proven engineering, design and technology to provide our customers with the best solutions to their conveyor bulk material handling applications. We are focused on providing solutions for spillage and dust control in load zone chute transfer points, complete conveyor system and design analysis and belt feeder conveyors that optimize overall conveyor system performance.

Our years of practical bulk material handling knowledge and engineering capabilities not only improve our customers productivity and efficiency, but reduce excessive (combustible) dust, material spillage, chute plugging, unnecessary downtime, and conveyor belt wear.

ASGCO® provides complete transfer point with our design using 3-DEM™ chute and transfer point design software. This software integrates computer aided design (CAD) and Discrete Element Methods (DEM) as a design tool to increase the efficiencies of conveyor bulk material handling transfer points, 3-DEM™ is a revolutionary way to handle granular and particulate material problems through computer simulation.

From redesign to expansion of existing equipment to new construction; ASGCO can provide a complete turnkey service, from initial surveys, engineering design, fabrication and onsite installation, specializing in:

- Optimizing Conveyor Performance
- Eliminating Material Spillage
- Dust Control

### We can also provide:

- Site surveys and inspections
- Specification and general arrangement design
- Drawing and design review and recommendations
- Certified CAD engineering drawings
- Component specification
- State of the art fabrication capabilities
- Installations, start-up operations and maintenance services



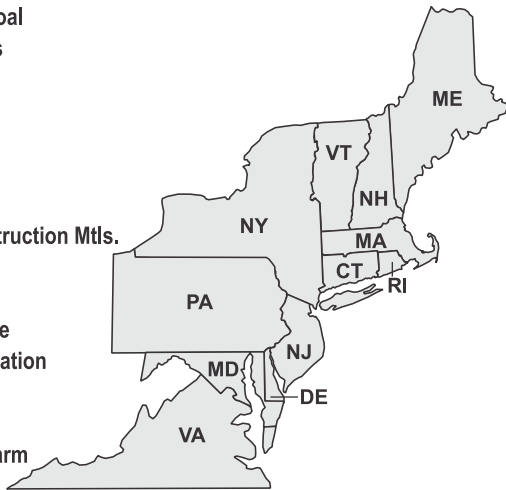
# Speak with your ASGCO sales representative to arrange a site visit to tour our facility, and learn how the ASGCO service team can provide you with "Complete Conveyor Solutions"

## Serving Our Customer's Up and Down the East Coast!

PPL  
PSE&G  
Consol Energy  
Waste Management  
Weldon  
Tilcon  
Carmeuse  
Sims Metal Management  
Constellation Energy  
Lafarge Corp  
Wheelabrator  
Essroc Materials Inc  
Oldcastle  
Norfolk Southern  
Stavola Const  
Lehigh Anthracite Coal  
Trap Rock Industries  
Penny Supply  
Keystone Cement  
Cargill Salt  
Gibraltar Rock  
New York DEP  
Independence Construction Mtls.  
Kinder Morgan  
Victaulic  
United Parcel Service  
Chambers Co-Generation  
Berks Prod  
Lehigh Cement  
Kaolin Mushroom Farm  
Genon Energy  
Northampton Generating  
Rohrers Quarry  
Covanta  
Glen Gery Corp  
Harsco Corp  
Baltimore Scrap Corp  
Aryzta LLC  
Carpenter Company  
Lancaster Foods  
GAF  
Northeastern Power Company  
Evergreen Community Power  
Spectraserv Inc  
Volmar Construction  
Eastalco Aluminum  
Grace Davison

### Industries Served:

- Power
- Coal and Mineral Mining
- Cement and Aggregate
- Steel Mills
- Food Processing
- Packaging and Handling
- Portable Screening
- Recycling



For assistance with your maintenance, service or other issues, contact ASGCO today.... we're ready NOW to help!  
For 24 hour Emergency Service:  
**800-344-4000**  
**610-821-0216**  
FAX: 610-778-8991  
email: [service@asgco.com](mailto:service@asgco.com)

### ASGCO's complete turn-key services include the following, where our competitors are unable to compare:

- MSHA/OSHA First Aid Trained and Certified
- Safety Program
- Foremen with an average of over 25 years of experience
- 24 hour availability
- Complete project assessment and management
- Conveyor reconditioning
- All necessary rigging
- Counterweight lifting
- Idler removal and replacement
- Conveyor test run and belt tracking after installation
- Clean system of build-up
- Steel design, fabrication and installation
- Product installation
- Pulley lagging in our shop, or on your conveyor
- Load zone installations
- Skirting system installation
- Guarding installations
- Chute lining installation
- Counterweight measurement
- Conveyor belt installation
- Belt tracking
- Field belt winding with 96" wide, 40,000 lbs. capacity using one of our completely self-contained units
- Complete conveyor Laser Alignment services
- While performing services on your conveyor, our crews can provide an inspection report detailing areas that require attention
- All service vehicles are equipped with 480V 3Phase generators often eliminating the need for plant electricians for hook-up
- All service vehicles are outfitted with the tools necessary to get the job done
- Belt splicing of all types of belting in all industries including a wide variety of mechanical splices, cold vulcanizing, and hot vulcanizing - up to 84"
- Splice materials are in-stock ready for your needs
- Belting, Idlers, Pulleys, Shafts, Bearings, Cleaners, Skirting, Liners, and other conveyor components are in stock to provide you with immediate service when you need it
- We sell what we install, providing product familiarity that enables our technicians to tailor the installations to the customer's needs, and the products best results
- Our service crews work in a wide variety of industries, which gives us experiences that can be applied to your circumstances
- While our men are providing the turnkey services that they are trained and skilled at, your men are available to complete other assignments that keep your plant running



*"On-Site and on-time fabrication and completion are essential in any installation to shorten the schedule and minimize costly downtime."*

For assistance with your  
maintenance, service or  
other issues, contact  
**ASGCO** today....  
we're ready NOW to help!  
For 24 hour Emergency Service:  
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**FAX: 610-778-8991**  
email: [service@asgco.com](mailto:service@asgco.com)

Need solutions to improve efficiency, safety and productivity?

**ask...ASGCO**

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