

Machine, Fabrication,
Chrome and Repair



Innovation is at the core of our success.



ISO 9001: 2008 Certified w/o design

United States | China | Australia | South Africa



Service Excellence

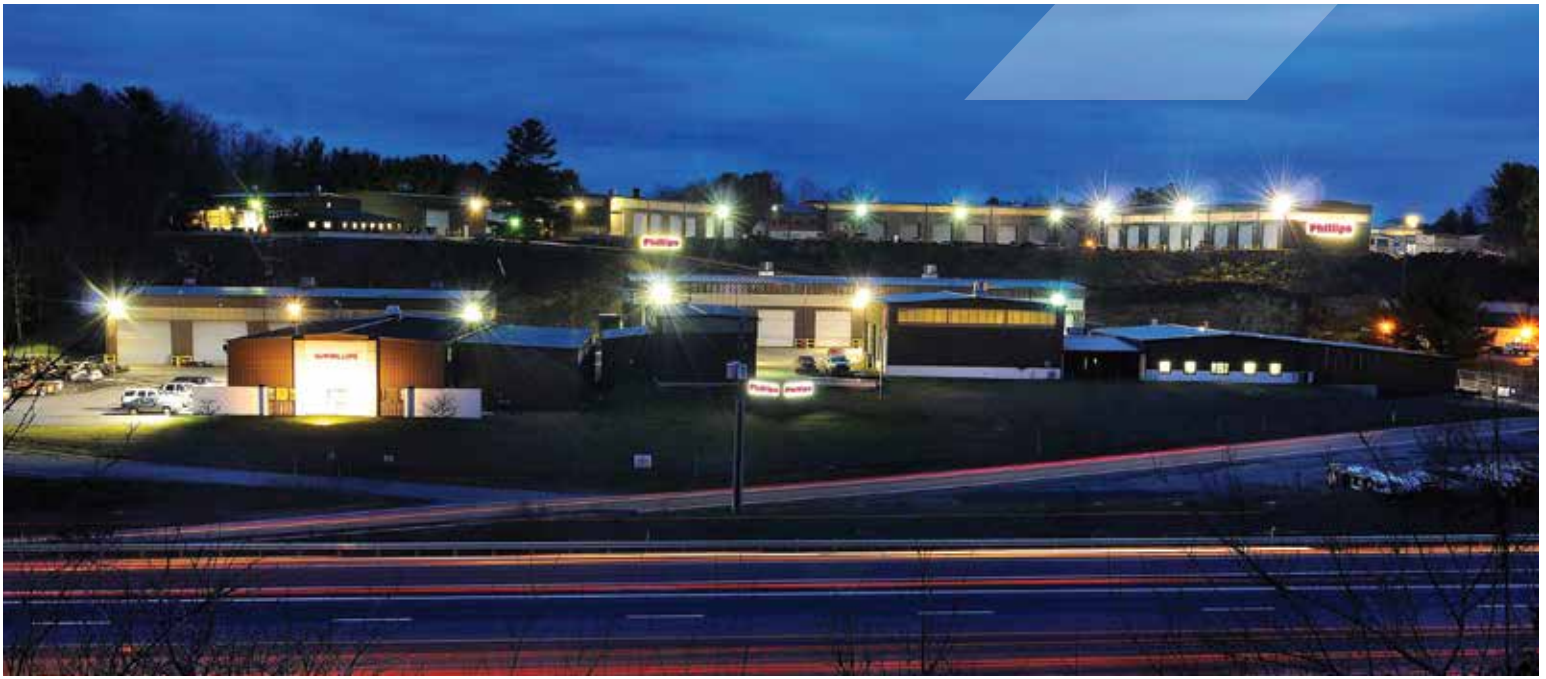
The key to service is availability and Phillips has continued to expand it's U.S. holdings with offices in West Virginia, Colorado, Tennessee and Kentucky, and also has international operations in China, South Africa and Australia. Our mining expertise, our teams of experienced engineers, mechanics and machinists, provide innovation and service excellence to the underground mining industry. Our deep understanding and experience in this industry and our superior products and services set us apart as a world leader serving the energy and underground mining arena.



We strive to be your #1 choice for machining, fabrication, chroming and repair.

A History of Excellence





Machining, Fabrication, Chroming and Repair

Phillips has grown to be one of the largest full-service companies of its type in the world. Since Phillips began operation in 1976, the company has set the pace for equipment service and support. Today, Phillips has several Original Equipment Manufactured (OEM) products and is involved in the fabrication or repair of most mining equipment, including rebuilding continuous miners, shuttle cars, roof bolters, feeder breakers and scoops; repair and remanufacturing of cutter drums and a variety of service exchange components; as well as the sale of new and used equipment.

It's in our DNA to keep our clients up and running—regardless of their industry segment. Our U.S. and global locations provide our customers with the consistency and availability they need to stay in production. Our customers rely on Phillips' complete precision machine shop, our welding and fabrication facilities, our chroming and repair facilities and our component exchange program to help provide them with support, safety and greater profitability.



Phillips Machine Service, Inc.
 ISO 9001: 2008 Certified w/o Design
 Certificate Number: 14.148.1

2008 - Phillips PM15DE Diesel Electric is introduced at the 2008 Las Vegas MineEXPO.

2009

2011 - Phillips acquires The Combs Group with locations in Kentucky and Tennessee.

2013

2014

2008 - Phillips Machine Services expands nationally and internationally in 2008.

2009 - Phillips introduces the first South Africa manufacturing facility.

2011 - Phillips employs nearly 300 people worldwide.

2013 - Phillips expands internationally, taking the lead in mining shuttle cars produced worldwide.

2014 - Phillips earns ISO 9001: 2008 w/o design certification

Future expansion of services in Surface, Industrial, Transportation and Energy Sectors

Our People & Experience



Innovation

“Innovation is at the core of our success. We take great pride in our products, our people and the level of quality we provide to our customers.”

C.R. Allen

General Sales Manager

Our People & Experience

Our story starts with hundreds of years of mining experience—the fruit of our company isn’t the great service or products, but the great people that have provided that wealth of knowledge and experience to our customers. We are grateful for the personnel we have been able to attract and retain—and with their help we have equipment in operation on six out of seven continents, with employees across the U.S., South Africa, Australia and China.

From the beginning we have repaired equipment for many of the world’s largest operations and greatest manufacturers. We have grown to know every bolt, seam, angle and weld known in the industry. We know the strengths of most all types of underground mining equipment, and we know the weaknesses as well. With this type of experience and knowledge—we believe we have the secret to what everyone needs to keep the operation running. It’s not just our great technology, our safety features and our precision work—it is our people that set us apart.

With decades of experience, great innovation and exceptional personnel—Phillips is poised to be a leader of underground haulers (shuttle cars) and continuous miners on the planet.



Equipment & Support

Phillips has grown to be one of the largest full-service companies of its type in the world. Since our beginning in 1976, Phillips has set the pace for equipment service and support. We are involved in almost all phases of mining equipment repair, rebuild, remanufacture and used equipment sales.

Specific areas of operation include: rebuilding continuous miners, remanufacturing shuttle cars... repairing and rebuilding of all underground mining equipment, from cutter drums to longwall systems.

Service Exchange Program

In order to serve our clients better—we know that keeping your operation running is paramount to success. Through our service exchange program, we offer a wide variety of parts and components on a service exchange basis, from electronics to gear cases, pots and traction reducers just to name a few. Contact us about our service exchange availability.



Contact us today for more information 1-800-733-1521

Machine, Fab, Chrome

The Phillips SUITE of Experience

From the surface to underground and everything in between—Phillips has a long history of machining, fabrication and chroming throughout many industry segments.

Our people, our locations around the world and our experience help keep our clients in production. Machine, fab, chrome and repair—our 24 hour call centers, global locations and our commitment to service is what sets us apart.



Surface

With fabrication facilities across the U.S. and around the world we are positioned to supply replacement parts and rebuilds to keep you up and running.



Underground

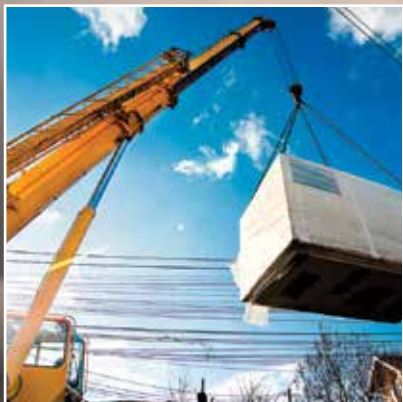
Over 30 years of experience in the underground environment—our repairs are tested and proven in the most rugged conditions.



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and Repair.

Over 30 Years
of Experience



Industrial

As an ISO 9001:2008 certified company we provide the highest level of performance for the clients we serve. It is our passion to help you get the best return on your investment.



Transportation

Our background is rebuilding and repairing equipment on the move. From excavating and hauling—to other specialized equipment, we will keep you moving.



Energy

Our headquarters is in the heart of one of America's richest energy resources. Our proximity and years of experience in this sector—make Phillips a good fit to keep you in production.

Phillips Expertise

Phillips takes the expertise, talents and experience of the hard working men and women of Phillips to expand into new markets outside of the mining world.



United States | China | Australia | South Africa

Our Services



Services

- Equipment Sales
- Equipment Rebuild
- Component Rebuild
- Chrome Plating
- Welding
- Fabrication
- Machining
- Hydraulics
- Vehicle Diagnostics

Machining, Fabrication and Welding Services

Your Single Source for Precision Machining and Fabrication Services

Phillips offers immediate response and efficient service, around the clock. We have nine horizontal boring mills, not one; six Kingston Engine Lathes, not two. Our multi-machine concept means you'll never have to wait during an emergency.

Our large floor type horizontal boring mill is capable of machining weldments up to 216" x 108" x 18" and 15 tons in one set up. The result is a distortion free weldment that allows perfect component fit and reassembly. For custom machine work, no one can match Phillips!

Our locations are staffed with certified and highly skilled Machinists, Fabricators and Welders that operate a variety of precision equipment. Lathes, Milling machines, Industrial Drill Presses, Index Machines, VTL's (Vertical Turret Lathes), Vertical Boring Mills, Shears, Engine Lathes and Pattern Torches are all operated by a team with extensive abilities to rethread, repair and rebuild an assortment of components for your industrial equipment.



PHILLIPS

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Chrome Plating and Hydraulics Rebuilding

Industrial chrome is utilized in industries that employ heavy equipment, or more specifically hydraulic cylinders. Plating is very beneficial for such equipment sectors because it will significantly extend the life of the hydraulic cylinder rod and/or sleeve. Hard chroming is not for decoration, but it increases surface durability, adding wear corrosion and heat resistance. Hard chrome can also completely restore a surface, reduce friction and increase lubricity and oil retention. Chrome plating an existing rod is also generally more cost effective than procuring the raw IHC (induction hardened chrome) materials to machine a new rod.

Plating specialists have a combined 25+ years of experience.

Range Capability

Equipped with two chrome tanks; one which is a deep tank capable of plating rods up to 32' in length and 18" in diameter. We can OD plate cylinder rods and sleeves. Chrome hardness ranges up to 45 kgf with a chrome hardness guarantee; maximum thickness of 0.25 (twenty-five thousandths of an inch). We also have external grinding capabilities and can strip thermal or "spray-on" chrome as well.

Turnaround Time

Turnaround time is estimated at 3-5 days and depends on the amount of items being chromed, the depth of chrome being applied, the size of the plated piece(s), the need of the customer and overall workflow within the chrome department.

Remanufactured Equipment

Phillips U.S Based Service Center Locations

Phillips carries the largest inventory of used underground mining machinery in the USA. The condition of this machinery will range from “Mine Ready” to “Reconditionable” to requiring “Full Rebuild.” The machines can be purchased “as is” or can be reconditioned or fully rebuilt by our highly skilled and experienced employees.

Our facilities are state-of-the-art equipped with the latest machine tools, welders and electrical shop. When you have been in business as long as Phillips has, you learn a thing or two about rebuilding underground machinery.

With over 3 decades of experience; along with our remanufacturing capabilities that provides the mining industry with a one-stop shop for most of your mining machinery needs. We are committed to maximum quality to ensure that the rebuilt machine you receive from Phillips will meet the levels of productivity and reliability as expected from a new machine.



Phillips West Virginia

Phillips started in Beckley, WV in 1976 and has grown into the hub for all business activities. The West Virginia office is the home base for the sales department, engineering department and business offices, but also the backbone of knowledge in all phases of our capabilities. The company has expanded to include our regional facilities in the US, as well as internationally in South Africa and China.



Phillips Colorado

Expansion moved toward the western United States when Phillips opened a manufacturing facility in Delta, CO in 2008. Since that time, the CO facility has become an integral part of our success in the Western US. Now being located closer to many of our valuable customers, it has been an asset to saving those loyal customers time and money.



Phillips Tennessee

Our TN location specializes in rebuilding of roof bolters as well as other underground mining machinery, associated part sales, machining and fabrication. The location near the coal fields and other industrial ventures has become a vital part of Phillips’ expansion into other industries as well as maintaining our presence in mining.



Phillips Kentucky

Phillips acquired The Combs Group, Inc. in 2011. The Combs Group, Inc. specializes in industrial chrome plating and hydraulic repair and rebuild. Their ability to service and repair hydraulic cylinders, pumps, motors and valves from a wide array of manufacturers is unrivaled.



We give our customers our complete attention.

Our skills, knowledge and history along with your plant, your mine, your equipment and your goals; together we can discover new territories of Innovation.

Phillips started in a small garage in Beckley, WV – we carry on the tradition and values that make Phillips what it is today. The key to our success is our customers and the fact that they know their business better than anyone. We have hundreds of years of experience in fabrication, machining, hydraulics, electrical, gear boxes and turnkey systems integration. Our goal is to build or rebuild while customizing to your needs in...

- **Fabrication** (WV, TN, CO) – Medium to large capabilities
- **Machining** (WV, TN, CO) – Medium to large capabilities
- **Hydraulics** (WV, KY, TN, CO)
- **Electrical** (WV, TN, CO)
- **Cylinder Repair or Rebuild** (KY) – Chroming of cylinders up to 32' long and 18" in diameter.
- **Equipment Rebuild** (WV, CO, TN) – Complete teardown, repair, rebuild and modification to suit customer needs and requests.
- **Engineering** (WV, TN) – More than a dozen mechanical and electrical engineers on staff to assist in design or customization needs.
- **Contract Manufacturing and Turnkey System Builds** – (WV, TN)



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