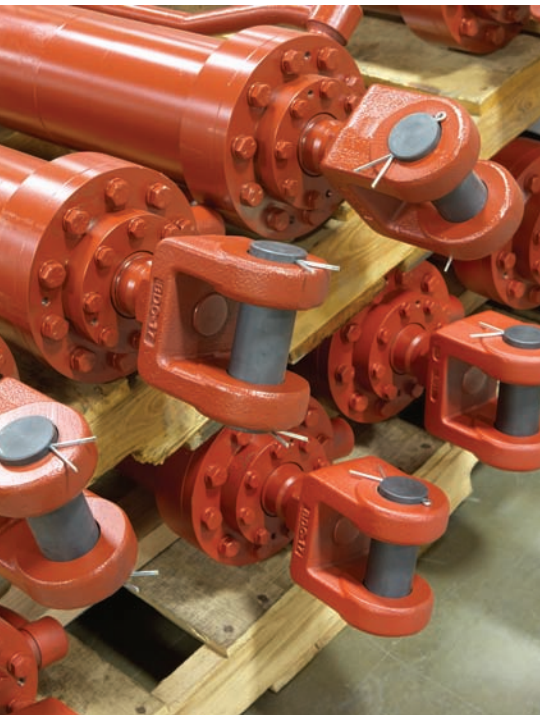


## MINING INDUSTRY



**“Cylinder and accumulator reliability, safety and quality to increase productivity”**

Clover Industries, Inc., a division of the Oilgear Company, has experience manufacturing complete cylinder packages for OEMs in the mining industry. We have experience manufacturing cylinders for roof support, stabilization, thrust, propulsion and other applications. We also understand the harsh environments encountered in mining, and have extensive experience and knowledge regarding rod coatings and seal configurations to address adverse mining conditions.

Our highly skilled engineering team runs detailed engineering calculations and finite element analysis on all new designs. Customer approval drawings and design reviews involving engineering, quality and manufacturing are a part of each job to insure we meet customer needs.

Clover Industries' manufacturing facility is well equipped to manufacture the variety of sizes and configurations needed on your mining equipment. Our equipment is appropriately sized and conditioned to machine all the necessary cylinder and accumulator components. We can turn parts with a diameter over 42" on our high speed CNC mill turning centers. Clover Industries has 128,000 sq. ft. of manufacturing floor space, up to 20 tons of lifting capacity, and a proprietary test fixture which allows full testing of every cylinder we produce.

Our shop contains multiple 5-axis mill/turn centers; vertical and horizontal machining centers; a variety of large CNC turning machines; multiple boring mills; large capacity drilling and tapping equipment; hard automation and manual welding, and more.

Not only have we invested in engineering expertise and manufacturing infrastructure, but we have a keen focus on quality and safety, implementing all clauses and requirements of the ISO 9001:2008 Standard. We also pride ourselves on on-time delivery to meet customer requirements.

*Contact us today for all your complex hydraulic cylinder and accumulator needs.*



 **CLOVER**  
INDUSTRIES™  
Custom & Complex Cylinder Specialists<sup>SM</sup>

**Clover Industries Inc., a division of the Oilgear Company**

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**A QUALITY SUPPLIER OF COMPLEX HYDRAULIC CYLINDERS**