

REPAREX

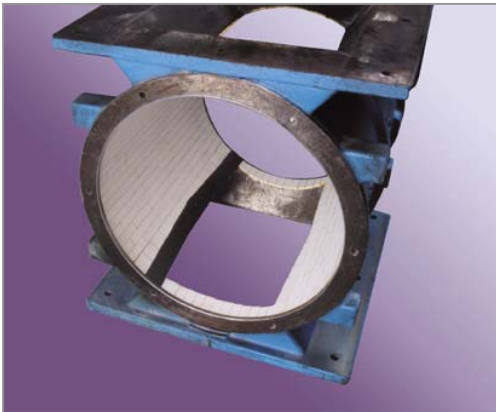
Rotary Airlock Retrofit Lining & Rebuilding

Rotary Airlock Lining & Refurbishment

If your current Rotary Airlock units see continual wear from abrasive materials let us help you prevent down time and loss of efficiency. We specialize in the repair and retrofitting of Airlocks with ceramic and tungsten carbide linings or thermal spray coatings. With our unique wear resistant technology and our grinding capabilities we are able to either retro-fit or rebuild any sized Rotary Airlock and provide a precision ground ceramic or tungsten carbide liner to optimize both the performance and the useful life of your Airlocks. Let us help you find wear resistant solutions that can meet your specific application needs.



The Choice for Wear Resistant Linings



At Reparex our focus is on providing our customers with a one-stop-shop for wear resistant solutions. In many precision applications we have helped our customers by replacing abrasion resistant steels with precision ground monolithic ceramics, thermal spray coatings, brazed tungsten carbides or AeroTech Bonded ceramics. With our in-house machining and grinding capabilities we are able to modify existing parts to accept any specified coating or lining, which then can be ground to meet precision machine tolerances.

Our Experience

We have deep project experience to match the appropriate liner with your specific application needs. Not all Rotary Airlock environments are the same so, matching the right lining or coating solution with you environment is our specialty. We are able to offer the spectrum of abrasion resistant materials and often use various materials and application technologies to form hybrid solutions suited to address each operational environment. Having developed the expertise and technology to control the selection, application and finishing of our coatings and linings we are able to offer superior products to our customers.



WEAR RESISTANT COATINGS & LININGS

P.O. Box 705, Latrobe PA 15650
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Wear Resistant Rotary Airlocks

The Bottom Line...

Let us help you improve your bottom line. Our wear resistant coatings and linings have extended the life of our customers' equipment by five, ten and even twenty times the life of mild and abrasion resistant steels. Forget about the cost savings in replacement parts; think about the lost productivity, maintenance hassles and costs associated with continual replacement of failing/ worn parts. The value proposition is clear, **longer wear life = time & money**. Let Reparex help you put more money where it counts.



Precision Grinding Services

Our equipment offers some unique large capacity capabilities for diamond grinding very hard materials. Our machines are capable of grinding the ID and OD of pieces and have a completely separate head for surface grinding. This set-up allows us to complete both surface grinding and ID or OD work at the same time. Also, both the ID/OD and Surface grinding heads can be angled to allow us to complete chamfering work or work on conical pieces. Our largest grinder table is 48"



in diameter and the machine is capable of swinging parts as large as 76" in diameter. The unit is able to work up to a full 41" under the rail making our ability to handle large piece work quite unique.

We specialize in diamond grinding very hard materials including: Tungsten Carbides, High Alumina Ceramics, Reaction Bonded and Nitride Bonded Silicon Carbides, as well as the spectrum of thermal spray coatings. We have application know-how to match the correct diamond tooling to the characteristics of the wide variety of hard materials we offer. We are confident we can meet your specific application needs.

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