

ROTARY VALVE REFURBISH AND REPAIR SERVICE

**We Bring Worn-Out Rotary
Valves Back To Life**

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Rotary Valves by the nature of the design have tight internal clearances and are often used as an airlock to separate two different pressure or vacuum zones. These rotary valves can handle a wide variety of powders or granules that may have abrasive or corrosive properties. As a rotary valve goes through its normal service life it eventually gets to a point that it no longer serves the needs of the application. There are many factors that can influence the service life, but eventually every valve requires attention. When this occurs, the user has two choices:

- a. Replace the worn rotary valve with a new valve
- b. Repair the existing rotary valve

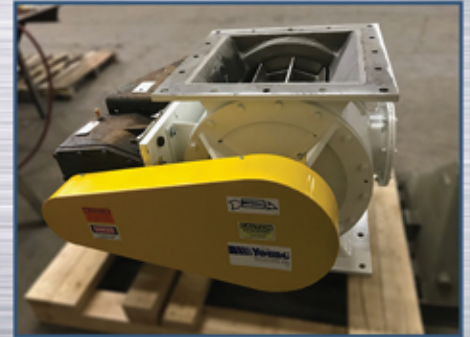
**ADVANCED
TECHNOLOGY
PROVEN DESIGN**

Now Available

Rotary Valve Calculator App



Before



After

CAN THE ROTARY VALVE BE REFURBISHED TO “AS NEW” CONDITION?

Young Industries offers **“Free Tear-down and evaluation service for all Rotary Valves”**. As part of this service, our team takes the following steps to reach a conclusion.

1. Our Application Engineer contacts the user of the rotary valve to understand the application in which the rotary valve is being used. Our experience with rotary valve applications assure that the valve which have the proper features to meet the application.
2. The user sends the rotary valve to Young Industries for evaluation.
3. When received, the rotary valve is completely dis-assembled.
4. Critical internal dimensions are measured for the housing, rotor, and end plates.
5. Drive, drive components, bearings and seals are evaluated to determine their condition.
6. After all the information is gathered, our Engineers determine what will be needed to bring the valve back to “as new” condition.
7. If the rotary valve can be repaired, a report is presented to the user with costing to perform the repairs. This repair cost can then be compared to the cost of a new rotary valve.

**WE REFURBISH AND REPAIR ALL
BRANDS OF ROTARY VALVES.**

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Young Industries Capabilities

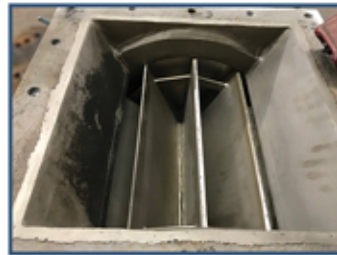
In many cases the cost to repair or refurbish a rotary valve is considerably less than purchasing a new valve. Repair requirements are determined by our team of application engineers following a thorough evaluation of the valve and its components. Prior to repair or restoration of a rotary valve, a detailed schedule including associated cost is reviewed, and approved by our customer. When compared to purchasing a new rotary valve, *refurbishing a used valve can be a significant cost savings.*

Young Industries has much greater capabilities for refurbishing rotary valves than the typical machine shop. Our application and engineering staff's extensive knowledge of rotary valves is the best in the industry. Young Industries has been manufacturing rotary valves since 1947 and our ASME certification gives us the ability to repair a wide range of rotary valves for most any operating pressure and temperature requirements. We have the capabilities to take used rotary valves and up-grade for use in new applications. Refurbishing services offered by Young Industries can greatly extend the life of a rotary valve and be extremely cost effective.

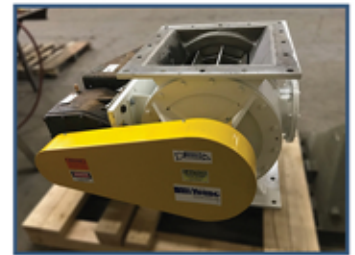
Young Industries Model LH Rotary Valve



Before Repair



After Repair

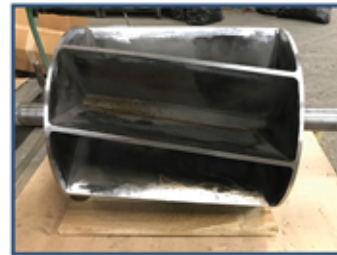
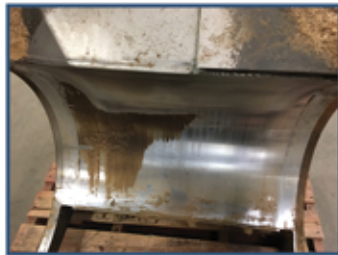


25" x 30" - Rotary Valve

Not Originally Manufactured By Young Industries



Before Repair



After Repair



16 PAINTER STREET, MUNCY, PA 17756

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