





## KNOWN WORLDWIDE.

If you've ever bored hard rock, then you already know it; if you're working with a slurry machine, then you should find out. Nobody makes a longer lasting cutter than Robbins. Robbins TBMs and cutters have excavated more hard rock than all of our competitors combined. And, every year we continue to develop new materials, processes and cutter designs. We do extensive testing in the real world, on real machines, under the worst conditions. Why do we continue to invest so much in cutter development? The answer is simple—we intend to stay the leader.

# PIONEERING FOR 50 YEARS AND COUNTING.

The Robbins Company invests more on R&D for cutters than any other company in the industry. We lead the industry with cutter design innovation. We were the first company to use rolling disc cutters, the first with the wedge-lock mounting design, and the first to use 19-inch cutters. And we haven't stopped there. New innovations include very high-pressure seals for EPB and slurry machine applications and 20-inch cutters for yet again longer life.

## Quality and Total Value

We are the preferred cutter supplier because we are known to produce high quality products that get the job done successfully. Attention to detail during the manufacturing process ensures that every cutter component is crafted to the highest standard. Contractors have come to expect it from Robbins. No matter the geology, no matter the machine type or brand, if you are looking to bring down total cutter cost, contact Robbins - we'll help you find a solution.

## Custom Cut

When a contractor needs cutters we research the ground conditions of the job and consider the TBM to be employed, specifically the cutterhead design (cutter spacing, cutter profile, mucking design). Then we recommend the right cutters for your job. Our team of experienced engineers is capable of selecting the most productive and cost effective cutter type for your job. Not only can we recommend the type of cutter, but we can also predict cutter consumption and cost for your project through the use of our field-proven predictive algorithms.





## YOUR PARTNER IN EXCAVATION.

Robbins also provides innovative and proactive cutter management programs. We assist our customers in getting the maximum cutter life and the minimum cost per volume of rock excavated.

After the job starts, we can help you manage your cutter inventory and train your cutter technicians or provide them from our own technically certified staff. We can show you how to optimize your cutter rebuild program using cutter tracking procedures and proper rebuilding processes. We can provide you with cutter changing guidelines to get the maximum life out of each cutter on the TBM. The result will be lower cutter consumption, and a reduction in the total number of cutters changed.

Whether you are in the design phase of a new project, just starting construction or re-evaluating your current cutter program, contact us so we can custom tailor a cutter supply and maintenance program for your project.



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