



Application Stories

The Application: Brick Grinding Machinery

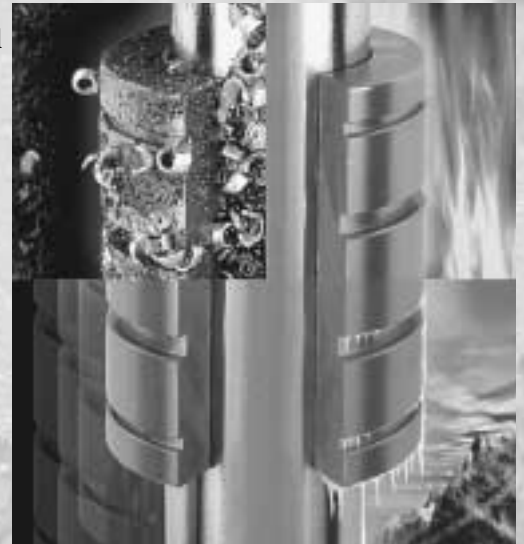
Dust and contamination has always been a problem for Di-Co, a manufacturer of tooling for grinding brick pavers and landscape stone. Di-Co makes a range of planing and grinding machines that grind or smooth the surface of brick pavers to expose a more attractive aggregate surface.



The dust from these grinding and planing operations has caused premature failure of the linear motion systems found on a variety of the machines Di-Co builds. They've been forced to "deal with the contamination problems" inflicted on their linear ball bearings until they discovered Simplicity technology.

The Solution

RR45, RRS45S, P32C and NIL32-54, SRB2-24-054 are just a few of the Simplicity products applied to date. End grinders, bull nose grinders, and planers are just three types of machines that have been retrofitted with Simplicity self-lubricating linear bearings. These grinding machines are running smoother, downtime has been decreased significantly, and machine life has been greatly extended. Because the bearings are still running we haven't been able to calculate how much longer Simplicity is lasting than the linear ball bearings.



The Distributor's Perspective

Joe Chops works for BDI in Roseville, Michigan. Joe realized that the tough environment the Di-Co equipment was working in would chew up most linear bearings. He called on Pacific Bearing Territory Manager Jeff Mowers for support. Together they specified the Simplicity products and then helped the customer retrofit and test specific machines to prove the Simplicity concept.

Joe reports that this customer is sold on Simplicity's ability to tolerate the contamination found in their typical applications.

Other key features like:

self-lubrication

high load carrying capability

vibration dampening

tolerance for temperature extremes

and the fact that Simplicity will not fail catastrophically are icing on the cake.

The result is that this satisfied customer, BDI and Joe Chops now recognize Pacific Bearing as THE value in linear motion.





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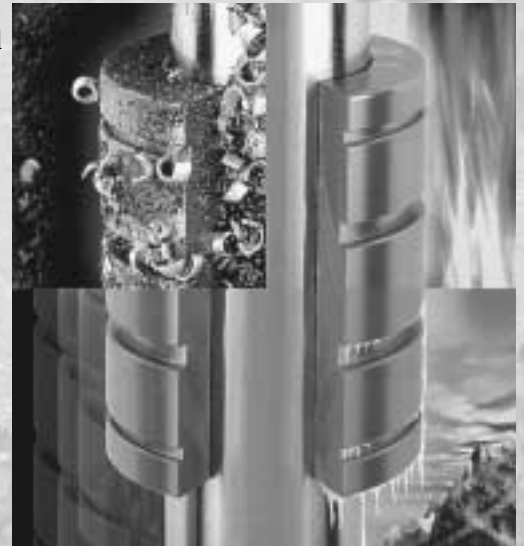
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The Distributor's Perspective

Joe Chops works for a major power transmission distributor in Michigan. Joe realized that the tough environment the Di-Co equipment was working in would chew up most linear bearings. He called on Pacific Bearing Territory Manager Jeff Mowers for support. Together they specified the Simplicity products and then helped the customer retrofit and test specific machines to prove the Simplicity concept.

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KAMAN

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