

# RBC SERVICES UPDATE

**RBC Services**  
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## RBC SHAFT MOUNT DRIVES

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Of the some 11,000 RBCs in operation worldwide, many were sold with a drive package which is mounted directly on an extended end of the shaft and are called, what else...Shaft-Mount Drives.

There were only three manufacturers which geared their reducers to conform to the requirements of the RBC industry. In order, they are; Browning, Dodge and Winsmith. At this time, Winsmith reducers are no longer available, nor do any replacement parts remain.

In much later years, Rexnord, Sumitomo and some others could have produced equipment which could be adapted to use on RBCs, but not financially practical.

Browning reducers were first used with RBCs in 1972 and set up for a chain & sprocket type drive when Autotrol Corp. was first to begin full production of RBCs in the U.S.. In 1982, Browning designed gearing used for the shaft-mount type application with the RBC process.

The Dodge (CLOW or BIO-DISC) reducer was used on RBCs produced by CLOW and Walker Process beginning in the mid-1970s. Winsmith was used by LYCO and Walker in the 1980s, with the same unit used by Envirex through about 1997. Winsmith discontinued manufacturing their drive unit.

For the last several years, each of the major U.S. RBC manufacturers have all been using the shaft-mount reducer as part of their respective drive packages.

Seeing less use within the RBC industry, Dodge discontinued regular production of the CLOW or BIO-DISC reducer, but they are still available at a good price. The Dodge drive has enjoyed a very good reputation over the years and remains an excellent choice.

With SPLIT POWER PATH design, the gears receive less stress which provides longer life. The tapered bushing mounting also makes it easier to remove (should it become necessary) when performing drive end bearing maintenance.

If you are experiencing any problems with your current RBC drives or considering a drive replacement program, give us a call. We'll be able to help...from start - to finish. After all, RBC Services is our name!

As always, if you ever have any questions regarding your RBC plant operations, whether maintenance, repair or quality replacement equipment, we are as near as your phone to give you the assistance you need. Call me - no charge.