

# RBC SERVICES UPDATE

RBC Services  
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## RBC SHAFT END REPAIRS

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### DON'T LET ANYBODY SELL YOU SOMETHING YOU DON'T NEED!

Regardless of the RBC manufacturer, the main central shaft is fabricated using a number of components. Some have as many as thirty-seven (37) parts, and others have as few as six (6) parts.

Even though the RBC shafts being produced today are superior to those made in the 70s & 80s, as with any piece of equipment, if it is not properly maintained or is loaded heavily enough for a long period of time, sooner or later, "something's got to give". That is why controlling RBC biomass weight is so critical, and has been addressed in a number of RBC UPDATES written and sent to you previously.

This UPDATE however, is not about controlling biomass, but what to do when a bearing journal is badly worn, or even if the end of the shaft becomes fractured. Now, don't get excited, because this doesn't happen very often at all. And, in every case so far, an end was simply repaired or replaced.

Let me repeat; **this is not a problem that happens often**. However, we have helped a number of operators with a solution regarding their old RBCs when it did happen. We just wanted to let you know there are solutions to most every problem which may occur.

While there is a cost involved with any repair procedure, the cost of an RBC shaft end replacement is up to 60% less than that of a new central shaft alone - without media. And, shaft bearing journal repairs are over 90% less than the cost of a new central shaft.

RBC Manufacturers are not in the business, nor are they equipped to perform these repairs. Should you need this type of work done at your facility, all you need to do is give us a call.

Along with being able to provide the proper replacement end for the particular RBC at your plant, we will help put you in touch with an experienced, independent firm which covers your area, and has the equipment and capability to do the work properly.

When working with any RBC, just remember that you are not dealing with a Swiss watch. It's a simple piece of mechanical equipment which happens to perform a biological process. Every piece of equipment at your plant requires maintenance...RBCs are no different.

Regardless of any mechanical problem you may encounter with your RBCs, chances are the part can be repaired or replaced, without having to buy a whole new RBC. **Again, don't let anybody sell you something you don't need. Check with us first.**

As always, if you ever have any questions regarding your RBC plant operations, please do not hesitate to give me a call. Don't forget, we are as near as your phone to assist in any way possible.