

RBC SERVICES UPDATE

RBC Services
Division of McNish Corporation

Phone: 630-264-5241 Fax: 630-892-7951

CONVERTING TO SHAFT MOUNT DRIVE

Issue 2, 2002

Over the last couple years, I've been asked about the possibility of converting either chain and sprocket or air driven RBCs to a mechanical shaft mount drive system. Can it be done? The answer is – yes!

As some of you well know, chain and sprocket drive RBCs require considerable time to inspect and maintain - not to mention the effort and costs involved for replacing chains, sprockets and chain guards. Having a power supply already at the unit would require little or no additional electrical work to make the switch.

In the case of air drive RBCs, there has been concern regarding rotational problems, which would be eliminated using a mechanical drive system. The blower systems currently used to rotate the RBCs can be used intermittently for biomass control only.

However, not having a power supply at the air driven RBC would require running that supply for the 5 Hp. motors used on the shaft mount drive package.

The shaft mount drive system we offer has been in use with RBCs since 1975. Its reputation and reliability has been, and remains, first class.

For either chain and sprocket or air drive RBCs, the tasks required to convert to a shaft mount drive are 1.) the application of an extension to the existing bearing journal, and 2.) the preparation to accommodate the drive itself.

If you have an interest in making a conversion to a shaft mount drive system for your RBCs, give me a call. We can discuss in more detail how this conversion will work for you.

As always, if you ever have any questions regarding your RBC plant operations, please do not hesitate to give me a call. I'll be glad to assist in any way possible.