



Motors, Gearboxes & Drives

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Richmond
Engineering
Works

This Hydraulic Travel Drive was replaced with an AC Motor and Gearbox

It reduced maintenance and oil leaks, improved cold weather reliability and replaced many obsolete items.



Here a Hydraulic Feeder Drive was replaced with an AC Motor and Gearbox

This made fine speed adjustments possible which the customer used for more accurate coal blending.



Older mechanical drives can be a maintenance problem. REW can update your systems with new motors, gearboxes and VFD's

We can make your feeders more accurate and also automatically reverse for clearing jams.



A Customer was having reliability problems with their original gearboxes and parts were no longer available. REW found a replacement with a better service factor and engineered the adapting parts to make it all work.



After 25 years the original travel and slew drives became obsolete.

We installed new drives and smoothed out machine operation, It made reclaiming rates much more consistent, and it helped to stop gearbox mount cracking.



BEFORE



AFTER



Below a DC Motor, Gearbox and Chain Drive replaced with a Shaft Mounted Gearbox, AC Motor and a Drive. Messy Chain eliminated.



Are your Dumper Drives down in the Pit?

Let REW bring them up to grade.



**...the process takes a little Rebar
and some Concrete.**



Bringing your Drives up to grade will make them easier to maintain and wash



A regenerative AC Drive will pay for itself in Maintenance Savings:

**If your Dumper is still using Contactors, we can improve
your cycle times, reduce strain and
End Ring Cracking on the Dumper at the same time.**



**If it's a simple Drive or 4 Drives that load share;
REW can build you a solution.**



Many Haulage and Arm Drives are becoming obsolete. Spare parts are getting harder to find as OEM's stop supporting their older products.



Brakes & Encoders
can be provided to complete the package making
REW your single source for machine upgrades

