



# INTEGRATED MACHINERY SOLUTIONS

## Integrated Machinery Solutions

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Let Integrated Machinery Solutions help you with your power transmission challenges. We can provide rebuilds, refurbishments, failure analysis, and engineered upgrades for all types of open and enclosed gearing:

Helical

Spur

Worm

Bevel

### **There are a number of options available for your re-build:**

Replace the gearing with duplicate gearing and re-use the existing housing

Redesign and upgrade the gearing and re-use the existing housing

Build a drop-in replacement of the existing assembly with new housing and new gearing

### **Past gearing projects for IMS include:**

Bridge and trolley built-up travel drive reducer upgrades

Open gearing replacement for ladle crane hoist drums

Worm/helical combination reducer redesign and upgrade for gate hoists on a hydro-dam

Inspection and mechanical evaluation of tainter gate hoist reducers and open gearing

Multi-split travel drive redesign for a crane operating in a nuclear facility

Upgrade for a CMAA Class F scrap crane hoist reducer

Drop-in replacement gearbox for 250 ton hoist reducer

We have a number of degreed Mechanical Engineers that are active participants of the AGMA Enclosed Drives technical committee, writing standards for use throughout the gearing industry. In addition, IMS has a state-of-the-art M&M gear inspector that is capable of determining unknown gear geometry from an existing gear or pinion.



# TEAM-IMS

