

**Custom  
Engineered  
Gear Drives  
for the  
Metals  
Industry**



 **Nuttall Gear**<sup>®</sup>  
Altra Industrial Motion

 **Delroyd Worm Gear**<sup>®</sup>  
Altra Industrial Motion



## Nuttall Gear

Nuttall Gear supplies the metals industry with a wide variety of helical gear drives for its many different applications. Applications include combination reducer/pinion stands, separate pinion stands, pinch roll drives, flattener drives, and single and multi-speed recoilers and uncoilers with a torque capacity of 6,000,000 inch pounds.



### OPTIONS INCLUDE:

- Hollow-bored low speed shafts
- Provisions for stripping mechanisms
- Hold-down rolls designed to your requirements
- Pneumatic Shifting
- Forced Lube Systems

We will custom design and manufacture gearboxes for your specific application requirements including drop-in replacements. We combine our extensive application experience and computer assisted design technology to produce reliable enclosed gear drives for all of your ferrous and non-ferrous material processing requirements. Nuttall Gear offers a level of quality service and product that is unsurpassed in the industry.



## NUTTALL DELROYD SERVICE DIVISION



The Service Division of Nuttall Gear and Delroyd Worm Gear provides a wide range of services for monitoring, maintaining, rebuilding and repairing your gearbox; both on site and at our facility.

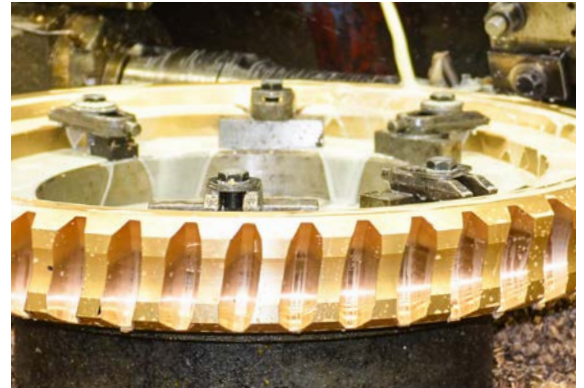
Services include:

- Reverse Engineering
- Gearbox Repair
- Upgrades and Uprates
- Vibration Analysis
- Laser Alignment
- Torque Measurements
- On Site Troubleshooting & Repairs
- Inspection and Failure Analysis
- Training Seminars
- Installation Assistance
- Non-Destructive Testing
- Contracted Maintenance



## Delroyd Worm Gear

Delroyd Worm Gear provides the metals industry with vast experience in designing and manufacturing worm gears and worm gear drives with a torque capacity up to 3,400,000 inch pounds. We offer a versatile and reliable product that will provide your company years of trouble free operation through a wide selection of model configurations, housing options, sizes, ratios, and accessories. Delroyd Worm Gear will deliver a proven package that is fully tested and ready to be integrated into your manufacturing process without any worries or surprises.



## Applications:

- Pinch Roll Drives
- Pinion Stands
- Single Speed Recoilers & Uncoilers
- Multi-Speed Recoilers & Uncoilers
- Flattener Drives
- Slab Rotation Tables
- Tonnage Cars
- Pumps/Fans/Compressors
- Screwdown Mill Stands
- Crane Hoist Drives for Ladle/Charging/Furnace/Overhead
- High Load Conveyors
- Stackers
- Strainers
- Mixers/Agitation
- Power Generation
- Slitter Drives
- Levellers
- Scrap Choppers
- Accumulator Drives



These services can be provided for gear drives of any manufacturer. As the former Westinghouse Gearing Division, Nuttall Gear is the only authorized repair center for Westinghouse gear drives. We maintain all original drawings and specifications.

Our in-house testing equipment allows us to load test gearboxes up to 500 HP. Every gearbox that is manufactured in our facility in Niagara Falls is tested before it leaves the plant.

## Nuttall Gear and Delroyd Worm Gear Facilities

### North America

#### USA

2221 Niagara Falls Boulevard  
Niagara Falls, NY 14304 - USA  
716-298-4100

*Worm Gear and  
Helical Speed Reducers*

## The Brands of Altra Industrial Motion

### Couplings

**Ameridrives**  
[www.ameridrives.com](http://www.ameridrives.com)

**Bibby Turboflex**  
[www.bibbyturboflex.com](http://www.bibbyturboflex.com)

**Guardian Couplings**  
[www.guardiancouplings.com](http://www.guardiancouplings.com)

**Huco**  
[www.huco.com](http://www.huco.com)

**Lamiflex Couplings**  
[www.lamiflexcouplings.com](http://www.lamiflexcouplings.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**TB Wood's**  
[www.tbwoods.com](http://www.tbwoods.com)

### Gearred Cam Limit Switches

**Stromag**  
[www.stromag.com](http://www.stromag.com)

### Electric Clutches & Brakes

**Inertia Dynamics**  
[www.idicb.com](http://www.idicb.com)

**Matrix**  
[www.matrix-international.com](http://www.matrix-international.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**Warner Electric**  
[www.warnerelectric.com](http://www.warnerelectric.com)

### Linear Products

**Warner Linear**  
[www.warnerlinear.com](http://www.warnerlinear.com)

### Engineered Bearing Assemblies

**Kilian**  
[www.kilianbearings.com](http://www.kilianbearings.com)

### Heavy Duty Clutches & Brakes

**Industrial Clutch**  
[www.indclutch.com](http://www.indclutch.com)

**Twiflex**  
[www.twiflex.com](http://www.twiflex.com)

**Stromag**  
[www.stromag.com](http://www.stromag.com)

**Svendborg Brakes**  
[www.svendborg-brakes.com](http://www.svendborg-brakes.com)

**Wichita Clutch**  
[www.wichitaclutch.com](http://www.wichitaclutch.com)

### Belted Drives

**TB Wood's**  
[www.tbwoods.com](http://www.tbwoods.com)

### Gearing

**Bauer Gear Motor**  
[www.bauergears.com](http://www.bauergears.com)

**Boston Gear**  
[www.bostongear.com](http://www.bostongear.com)

**Delroyd Worm Gear**  
[www.delroyd.com](http://www.delroyd.com)

**Nuttall Gear**  
[www.nuttallgear.com](http://www.nuttallgear.com)

### Overrunning Clutches

**Formsprag Clutch**  
[www.formsprag.com](http://www.formsprag.com)

**Marland Clutch**  
[www.marland.com](http://www.marland.com)

**Stieber**  
[www.stieberclutch.com](http://www.stieberclutch.com)

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