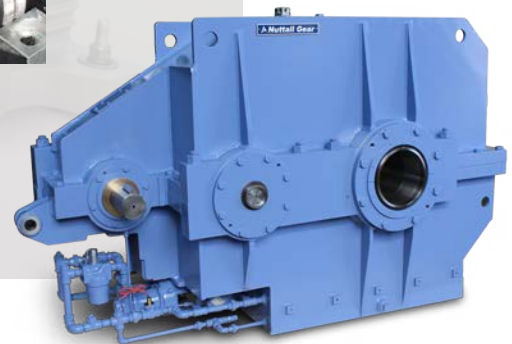


# Nuttall Gear & Delroyd Worm Gear Your Total Drive Source





# Nuttall Gear and Delroyd Worm Gear

## “Your Total Drive Source” is more than a slogan

Nuttall Gear specializes in providing complete packaged helical and worm gear drive assemblies. We can bring your concept to reality and design a custom drive package to meet your specific application by offering a wide selection of model configurations, housing options, sizes, ratios and accessories. Our Total Drive Source includes:

- Complete mechanical and electrical assemblies
- In-house testing to expertly mount, align and couple your reducer and motor
- Engineering expertise to solve any application problem
- Custom helical gear assemblies to 6,000,000 in lb torque capacity
- Custom worm gear assemblies to 3,400,000 in lb torque capacity
- Machining expertise to manufacture any components for your application
- On-site installation, maintenance and warranty support

You can't get this kind of service from any other company!

**Scan to Watch**  
Nuttall Gear and Delroyd Worm Gear - Facility Overview Video

*“For over 100 years both brands have been innovators in the field of gear engineering and leaders for setting gear standards.”*

Cliff Gilbert, General Manager of Nuttall & Delroyd  
[www.youtube.com/AltralndMotion](http://www.youtube.com/AltralndMotion)

## Improved Delivery

Delroyd is excited to announce its new order-to-delivery for the following products:

- 2” through 12” Standard Catalog Reducers are now available in 4-7 weeks.
- Worm Gear Mixer Drives (P30 - P40 - P50 - P60 - HP40 - HP50 - HP60 Units) are now available in 3 weeks.

The new delivery commitment is the result of capital investment in new machinery and improved manufacturing processes.

**Scan to Watch**  
Delroyd Worm Gear - Improved Delivery

*“As we continue to focus on Delroyd by working on our processes, our overall goal is to continue to improve our response to customer demand.”*

Michelle Mattice, Lean Manufacturing Manager  
[www.youtube.com/AltralndMotion](http://www.youtube.com/AltralndMotion)

## Field Service

The Service Division of Nuttall Gear and Delroyd Worm Gear offers comprehensive and dedicated on-site support designed to keep your rotating machinery in operation. When a gear drive is purchased from us, our commitment to the customer does not stop when the unit leaves our dock. You can rest assured knowing that world-class field service and repairs are only a phone call away. Our extensive experience in gear drive applications, combined with our manufacturing and design capabilities enable us to provide you with a single-source solution for minimizing your downtime and improving your productivity. In addition to our extensive line of products, we can offer cost-effective repair solutions for any manufacturer’s gear drive. 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.



Download related improved delivery literature from [www.altraliterature.com](http://www.altraliterature.com)

P-7560-DWG, P-7561-DWG, P-7630-DWG



Download related field service literature from [www.altraliterature.com](http://www.altraliterature.com)

P-7010-ND, P-7542-ND



## Engineering

Delroyd Worm Gear and Nuttall Gear understand each application is different and our custom products are available in almost any configuration with features, ratios, and speeds specialized to your requirements.

Our extensive application and design engineering experience continually produces reliable and cost effective gear drive solutions for many industries globally. Nuttall and Delroyd also have the ability to reverse engineer any manufacturer's gear box or thread forms.

Nuttall Gear has earned a reputation for the design and manufacture of unique, custom engineered gear drives for parallel, right angle or vertical input shaft arrangements. Highlights of our design engineering capabilities include: 3D solid modeling, gear train design and rotor dynamic analysis.



### Scan to Watch

Delroyd Worm Gear - Products, Services and Markets Video

*"Our biggest attribute is our service. We truly believe in service, service, service and the success of that will bring more success."*

Jay DuBell, National Sales Manager  
[www.youtube.com/AltralndMotion](http://www.youtube.com/AltralndMotion)



### Scan to Watch

Nuttall Gear - Bridge Applications for Gearing Video

*"We are able to support this market very well by our normal course of business."*

John Proven, National Sales Manager  
[www.youtube.com/AltralndMotion](http://www.youtube.com/AltralndMotion)

## Markets and Applications

Nuttall Gear and Delroyd manufacture vertical and horizontal drives, speed reducers, and speed increasers in cast iron or fabricated steel housings. We provide gearboxes for a wide range of markets and applications, including:

Steel mills  
 Power generation  
 Textile processing  
 Material handling  
 Bridges and locks  
 Rail transportation  
 Oil and gas drill rigs  
 Cement and aggregate  
 Channel dredging  
 Elevators and lifts

Conveyor applications  
 Paper/wood processing  
 Mixing/agitation  
 Recoilers and uncoilers  
 Petrochemical refineries  
 Mining/mineral processing  
 Water/waste water treatment  
 Food/beverage industries  
 HVAC compressors  
 Crushing/extruding applications

## Bridge Applications for Gearing

Nuttall Gear specializes in custom engineered and manufactured gearboxes for the lift bridge and lock & dam markets. These gearboxes employ the use of through hardened gearing. The machining, hobbing, grinding and heat treatment processes are all done in-house which helps us provide a more cost effective solution. In addition, our upgraded test floor allows us to load test gearboxes up to 500 horsepower. Testing in-house provides advantages both from a turnaround time and cost perspective and every gearbox manufactured at Nuttall Gear is tested at our facility in Niagara Falls, NY before it ships.



**Download all bridge related application profiles from [www.nuttallgear.com/bridge-applications.asp](http://www.nuttallgear.com/bridge-applications.asp)**

# Nuttall Gear & Delroyd Worm Gear Literature

[www.AltraLiterature.com](http://www.AltraLiterature.com)

Altra's Literature Portal is an excellent resource for engineers and technical professionals. The portal contains links to literature available from all Altra brands including catalogs, brochures, line cards, application profiles, magazine articles and service manuals. PDF files of any literature item can be easily downloaded for fast viewing or hard copies of all literature can be ordered by using the integrated "Shopping Cart" application.



## Nuttall Gear

### Catalogs

P-1970-NG Gear Drives Catalog  
Speed Reducers, Speed Increaseers, and Gearmotors

### Brochures

P-7008-NG Speed Reducers, Speed Increaseers and Gearmotors for Heavy Duty Applications  
P-7009-NG Custom Engineered Gear Drives for the Metals Industry  
P-7010-ND Repair and Rebuild Services  
P-7542-ND Field Services  
P-7633-ND Your Total Drive Source

### Flyers

P-7674-NG Charging and Safety Injection Pumps

### Article Reprints

P-1950-NG Heavy-duty Drives Keep Coal-fired Facilities Running Smoothly  
P-7339-NG Large Gearbox Maintenance and Lubrication  
P-7340-NG Enclosed Drives for Moveable Bridges Specification Consistency

### Application Profiles

P-1934-NG Hamilton Bridge  
P-7299-NG Custom Heavy-Duty Gearing for Transit Rail Cars  
P-7331-NG Custom Heavy-Duty Gear Drives for Arsenal (Government) Bridge  
P-7332-NG Custom Heavy-Duty Gear Drives for NJ Department of Transportation Bridge  
P-7510-NG Custom Gearboxes for Drilling Rig Drawworks  
P-7517-NG Custom Heavy-Duty Speed Reducers for Bascule Lift Bridge  
P-7518-NG Custom Heavy-Duty Gear Drives for Bascule Bridge  
P-7519-NG Custom Speed Reducers for Swing Bridges  
P-7520-NG Heavy-Duty Speed Reducers  
P-7540-NG Recoiler Gear Drive Upgrade for Steel Slitting Line  
P-7622-NG Custom Pinion Stand Drive for Steel Tube Forming Mill

P-7624-NG Straightener Drive Upgrade for Steel Processing Line  
P-7635-NG Custom-Designed Gear Drives for Swing Bridge  
P-7644-NG Custom Reducers and Gear Couplings for Folsom Lake Spillway Flood Gates  
P-7626-NG Custom-Designed Recoiler Gearbox for Steel Pickling Line

## Delroyd Worm Gear

### Catalogs

P-7000-DWG Standard Worm Gear Speed Reducers  
P-7001-DWG Worm Gear Sets : 2" - 48" Center Distances

### Brochures

P-7002-DWG Heavy Duty Worm Gear Products  
P-7007-DWG Special Application Speed Reducers  
P-7010-ND Repair and Rebuild Services  
P-7542-ND Field Services  
P-7561-DWG Mixer Drive Units

### Flyers

P-7003-DWG Special Features  
P-7004-DWG Matching your Requirements  
P-7005-DWG Drop-In Replacements  
P-7006-DWG Worm Gear Speed Reducers  
Single, Double and Triple Worm Gearing  
P-7423-DWG Worm Gear Sets: 2"- 48" Center Distance  
P-7560-DWG Mixer Drive Units  
P-7630-DWG Heavy Duty Worm Gear Products

## Nuttall Gear/Delroyd Worm Gear

### Market Folders

P-1904-C Power Transmission Solutions for the Nuclear Power Industry  
P-7404-C Power Transmission Solutions for the Metal Producers Market  
P-7415-C Power Transmission Solutions for the Metal Processing Market  
P-7523-C Power Transmission Solutions for the Metal Shredder Market



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