

POWER TRANSMISSION GROUP

Division of

HY-TECH
ENGINEERED SOLUTIONS

Custom Power Transmission Products

From Turnkey Solutions
to Custom Gears
and Gearboxes

HY-TECH
ENGINEERED SOLUTIONS

Gear Manufacturing Capabilities



- Member of the American Gear Manufacturers Association (AGMA)
- Business was established in 1990
- Extensive inventory of custom and specialized tooling
- Reverse engineer or design gears utilizing CMM and SolidWorks 3D modeling software
- Over 200 CNC and manual machines used in production
- Gearbox repair
- 24-hour breakdown / rush service
- No minimum order quantity – any size order welcome
- Gear material certifications

Rapid turnaround available for breakdown/rush service with in stock inventory:

- 4140 Steel
- 4140-PHT Steel
- 8620 Steel
- 1018 Steel
- Cast Iron Class 40
- 954 Bronze

Non-stock material available within a few days

Additional special materials: phenolic, nylon, Delrin, alloys, brass and aluminum

For 24-hour breakdown / rush service, contact
Ed Blaszyński (708) 767-3109 or (814) 938-5552

For all other inquiries please call
or email request(s) to the below:



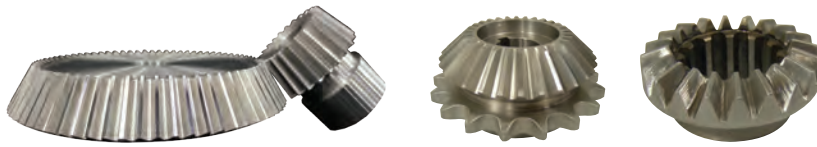
sales@qualitygear.com
(814) 938-5552



blazmangear@hy-techinc.com
(814) 938-5552



sales@gearproducts.net
(814) 938-5552



Straight Bevel & Angular Straight Bevel Gears

Up to 18" P.D., 3 D.P. Maximum



Spiral Bevel & Hypoid Spiral Bevel Gears

Up to 33" P.D., 1.5 D.P. Maximum, 4" Face, 4.5" Maximum Offset



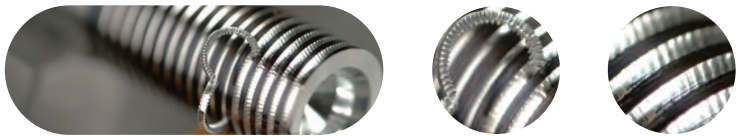
Spur/Helical/Worm Gear Cutting

Up to 48" O.D., 1.5 D.P. Maximum



Spur Shaping

Up to 32" O.D., 2 D.P. Maximum



Thread Milling

Up to 16" O.D. x 72" Long, 2 D.P. Maximum



Racks

Any Pitch or Length



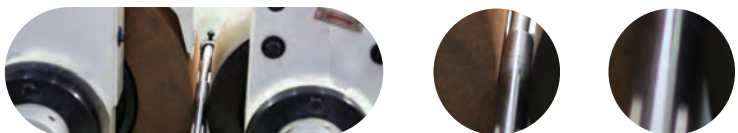
O.D. Grinding

14" O.D. x 28" Centers



I.D. Grinding

24" O.D. x 20" Travel



Centerless Grinding

3" Maximum O.D.

Core Competencies



Reverse Engineering of Gears



Machine Breakdowns



Custom Made Gears



Gearbox Rebuild/Refurbish



Power Transmission Group a Division of Hy-Tech Engineered Solutions
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