

# PREMIUM SERIES



**HORSBURGH & SCOTT**  
DELIVERING THE DIFFERENCE

Horsburgh & Scott's Premium Line of standard gear drives and equipment provides high quality, cost effective solutions for your power transmission needs.

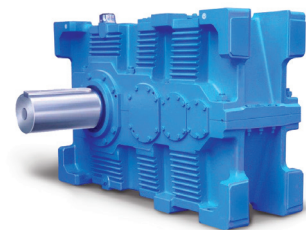
We feature heavy duty gearing, housings designed for rugged service, and a wide range of capacities and configurations.

Please contact us for a modified standard or custom engineered design for special requirements.

## HELICAL GEAR DRIVES – M Series

Case carburized and ground helical gearing available in parallel shaft and right angle configurations. Foot mounted/shaft mounted designs. Housing designed for increased thermal capacity.

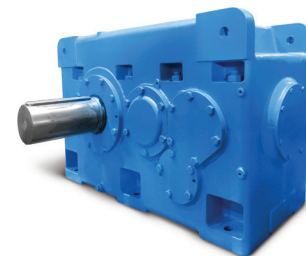
<b>Horsepower Capacity:</b> Up to 6,637HP	<b>Ratio range:</b> Up to 450:1	<b>Center Distance:</b> Up to 40"
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## HELICAL GEAR DRIVES – H Series

Case carburized and ground helical gearing available in parallel shaft and right angle configurations. Foot mounted/shaft mounted designs.

<b>Horsepower Capacity:</b> Up to 11,500HP	<b>Ratio range:</b> Up to 657:1	<b>Center Distance:</b> Up to 63"
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## COOLING TOWER GEAR DRIVES

Case carburized spiral bevel gears in cast housing with splash lubrication and three point foundation that provides a right angle configuration.

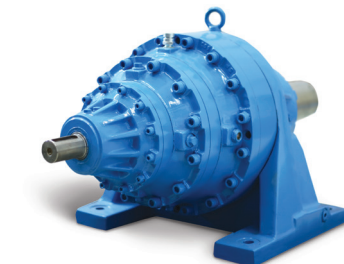
<b>Horsepower Capacity:</b> Up to 800HP	<b>Ratio range:</b> Up to 20.9:1
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## PLANETARY GEAR DRIVES

Compact planetary gear drive with high power to weight ratio. Modular construction with high interchangeability of parts.

<b>Torque Range:</b> Up to 36,000,000 in-lbs	<b>Ratio range:</b> from 4:1 to 3164:1
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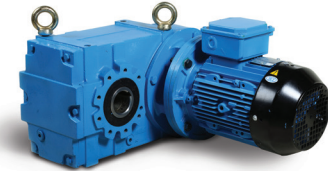


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## GEAR MOTOR DRIVES

Concentric inline and horizontal offset gear motor drives. Available in hollow shaft and right angle configurations.

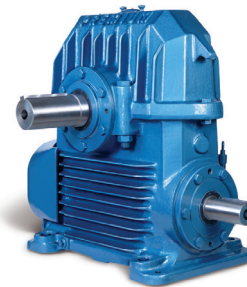
<b>Horsepower Capacity:</b> Up to 120HP	<b>Concentric Inline Torque Range:</b> Up to 221,000 in-lbs	<b>Horizontal Offset</b> Up to 71,000 in-lbs
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## WORM GEAR DRIVES

Rugged cast housing construction, cast bronze gears and precision ground worms provide exceptional strength.

<b>Horsepower capacity:</b> Over 300HP	<b>Ratio Range:</b> Up to 4,900:1	<b>Center Distance:</b> Up to 28 in. center distance	<b>Torque Range:</b> Over 1,400,000 in-lbs
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## ALTRA WORM DRIVES

Worm drive featuring die-cast aluminum housing in foot and flange mounted versions.

<b>Horsepower capacity:</b> Up to 10 HP	<b>Ratio Range:</b> from 7.5:1 to 1600:1	<b>Center Distance:</b> from 1.25" to 5.9"	<b>Torque Range:</b> Up to 11,000 in-lbs
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## FLUID COUPLINGS

Fixed fill fluid couplings supporting soft start applications.

<b>Horsepower Capacity:</b> Up to 2,400 HP	<b>Fluid Circuit Diameter:</b> From 8" to 41"
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Types available in multiple mounting arrangements and performance options:  
**FCU, FP, DFC, DFP, PSS, HTC, AFC, SFC, SDFC, WDFC, SFU, STC**



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