



GEARING FOR MEDICAL & PHARMACEUTICAL

Cone Drive delivers precise, clean motion for critical medical and pharma equipment—from surgery to lab automation.



Trust Cone Drive in Every Critical Turn



Medical and pharmaceutical applications require motion solutions that are **compact, precise, and contamination-free**. Cone Drive's full range of technologies—harmonic, cycloidal, worm, and slewing—support critical functions in **surgical robotics, imaging systems, lab equipment, and automated production**. Engineered for smooth, reliable performance, our drives help ensure safety, accuracy, and uptime in the most demanding environments.



In Action

- ⚙️ Surgical robot arm positioning
- ⚙️ Hospital beds and surgical tables
- ⚙️ Rotation of imaging equipment
- ⚙️ Automated pipetting systems
- ⚙️ High-accuracy rotary indexers



www.ConeDrive.com



1-888-994-2663



Traverse City, MI





www.ConeDrive.com



Cone Drive
BY TIMKEN

Our Competitive Advantage



LEADING PERFORMANCE

Recognized for our accuracy and precision



HIGHLY CUSTOMIZABLE SOLUTIONS

We can engineer a solution for your unique application



SHORT LEAD TIMES

We ship in days; not weeks or months



SUPERIOR QUALITY

With over 100 years in the industry, we offer robust and reliable solutions



HIGHEST TORQUE/POWER DENSITY

Smallest form factor in the industry



GLOBAL REACH WITH LOCAL SUPPORT LEVELS

Where it's needed, when it's needed



WWW.CONEDRIVE.COM/TOOLS

Empower yourself with click-to-configure tools.

A Full Spectrum of Gearing Technologies, Tailored to Perform

DOUBLE ENVELOPING WORM GEARING

Precision-engineered and made in the USA, Cone Drive's double enveloping worm gears deliver smooth, high-torque transmission with low or zero backlash, customizable for NEMA and servo applications—including IP69K-rated options.

HARMONIC STRAIN WAVE GEARING

Designed for compact, high-precision motion control, Cone Drive's harmonic solutions offer drop-in compatibility with competitors and full customization in cup, hat, and ring styles—including lightweight and "F-style" bolt patterns.



SPINEA TWINSPIR® PRECISION CYCLOIDAL GEARING

For demanding applications requiring zero backlash and high torque in a compact footprint, Spinea's cycloidal gear units deliver superior torsional stiffness, load capacity, and integrated design flexibility.

SLEWING DRIVES & BEARINGS

Cone Drive's slewing drives feature high-ratio gearing in a compact, ready-to-install housing, optimized for weight and performance. Cone Drive's slewing bearings can handle the axial, radial, and tilting moments for the most challenging applications – select sizes and styles available from stock.