



Cone Drive
BY TIMKEN

GEARING FOR METALWORKING AUTOMATION

Cone Drive powers modern fabrication with high-torque rotation and compact precision—driving performance in welding, positioning, and assembly.



NEW Electric Motor-Driven Double Reduction Slew Drive
— **Clean, Efficient Power** for Demanding Applications

Powering Precision in Every Rotation



The metalworking industry runs on precision, strength, and control—from **cutting and forming** to **welding and assembly**. As automation grows, **gear technologies are essential to both manual and automated operations**. Cone Drive's worm, harmonic, cycloidal, and slewing solutions deliver high torque, smooth motion, and compact footprints. From powering **cutting heads** and **roll formers** to rotating heavy weldments on **welding positioners**, Cone Drive keeps fabrication moving with strength and precision.



In Action

- ⚙️ Welding Positioners
- ⚙️ Rotary Welding Tables
- ⚙️ Robotic Welding Arms
- ⚙️ Indexing Turntables
- ⚙️ Roll Forming Equipment



www.ConeDrive.com



1-888-994-2663



Traverse City, MI





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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.