

AUTOMATION

Solutions for

Aerospace

Automation

**Automated Guided
Vehicles (AGV's)**

Automotive Tooling

Filtration Systems

Furnace Systems

Material Handling

Test Systems

Washer Systems



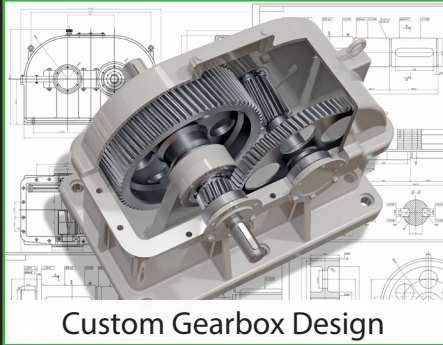
Solutions Designed by Engineers



CARLSON-DIMOND & WRIGHT, INC.

CDWdrives Services

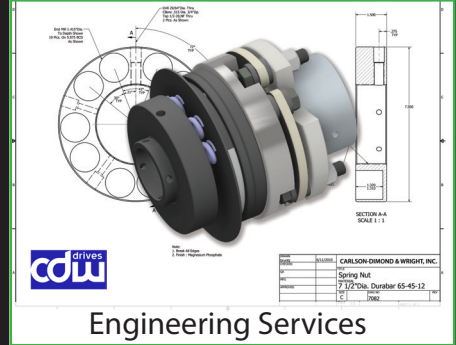
Customers often find that the CDWdrives advantage is our technical support. We have experienced engineers on staff to assist you with your application and to provide a higher level of support. When standard products don't offer the performance or configuration you require, CDWdrives will provide a custom solution to better fit your application. We can provide custom gearboxes, couplings, torque limiters, brakes, and many other high-quality products. Let our staff make your job easier. Some of the services we can provide include:



Custom Gearbox Design



Design Consulting



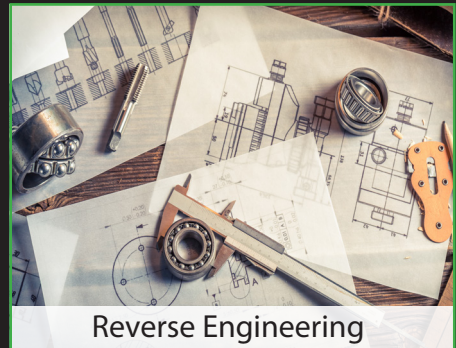
Engineering Services



Product Sizing & Selection



Repair, Refurbish and Rebuild



Reverse Engineering

LHD S.p.A. - Innovative Load Handling Products



LHD S.p.A. builds and designs telescopic forks and load handling devices used in automatic warehouses, industrial automation systems and stacker cranes. LHD S.p.A. develops, manufactures and markets these load handling solutions, which can range from products for standard applications (pallet handling), to custom solutions for different industrial applications (coils, long products, automotive, cold storage, food and beverage, wood, textile, machine tools, miniload and transfer stations). CDWdrives can provide you with state-of-the-art design solutions using LHD S.p.A. Load Handling Devices.

Industry 4.0 Supplier

CDWdrives can help you to envision your future in this technology driven world

Today, equipment manufacturers are facing another form of advancement - the rise of new digital industrial technologies, referred to as "Industry 4.0." CDWdrives would like to be your partner for this new industrial revolution. Let us help you equip your machinery to run at peak efficiency and to provide you with the data you need to reduce downtime and improve quality. We want to help you stay out in front of the competition.





BEARINGS - Mounted, Slewing, Cam Followers, Unmounted

Customers depend on CDWdrives for premium quality bearing design, performance, and technical support. Our well-known brands provide both performance and quality. "Type E" tapered roller, spherical roller, ball, needle roller, cam follower, bronze, composite, sleeve, filament and "Aqua" bearings.



BRAKES, CLUTCHES & TORQUE LIMITERS

Brakes, clutches, and torque limiters are products CDWdrives has long been known for. We have a large inventory and have the knowledge and experience to match the right components to your application. We also burnish brake shoes in house. Whether you need an e-stop capable brake or a torque limiter to protect your machine, we can help.



CONVEYOR & DRIVE CHAIN, SPROCKETS & GEARS

Conveyor and drive chains and sprockets from industry leaders and the most experienced chain manufacturers in the world. State-of-the-art design and manufacturing technologies provide quality, reliable chain for years of trouble-free performance. CDWdrives has long been known for automotive class gear and rack. Stock gear and rack is soft and typically is not acceptable for the heavy demands of the material handling and automation industries.



COUPLINGS & LINESHAFTS

How do you know what the correct coupling solution is for your application? We have thousands of couplings successfully running in the field. Let us review your application and recommend the right coupling for you. CDWdrives can provide zero maintenance elastomeric, metallic and composite disc, steel grid, fluid (soft start), gear, bellows, disconnect, universal joint, zero backlash, and torque limiting couplings, just to name a few.





DRIVE, LIFT & CONVEYOR BELTS & PULLEYS

Timing, flat, or V belt for power transmission, lifting, or conveying. Single, banded, cogged, ribbed, modular, micro groove, synchronous/timing, and corded. We have rubber, urethane, Kevlar, plastic, etc. The options are endless just like many of the belts. Let CDWdrives help you with the selection process.

BESTORQ

CONTITECH

**Diversified
Plastics, Inc.**
PRECISION INJECTION MOLDING SINCE 1977

Fenner Drives

**la
tech**

GOODYEAR

Martin

SLIDEWAYS

TB Wood's
Incorporated

Van Gorp

REXNORD



ENGINEERED PLASTICS

Plastics are now an important material for industrial applications. When properly applied, plastics can be excellent solutions for chain and conveyor guides, skirting, tensioners, and much more. Proper material selection can be confusing. Let CDWdrives help you make the right selections.

ARGONICS

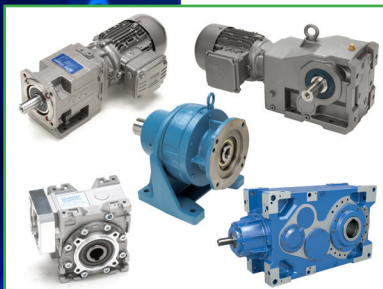
**Diversified
Plastics, Inc.**
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Murfeldt
Plastics

POBCO
PRECISION MOLDING

SLIDEWAYS

THORNDON



INDUSTRIAL GEAR DRIVES & MOTORS

Our high-quality, reliable and rugged Industrial Gear Drives are installed in the world's most challenging applications. Full product lines, technical support and local services allow for maximum performance and the lowest total cost of ownership. Selecting the correct gearbox for your application can be daunting. Let CDWdrives help you make the right selection. For the very unique applications we also offer custom gearboxes.

BALDOR
A MEMBER OF THE ABB GROUP

brother

HUB CITY

NORD
DRIVESYSTEMS

SEW
EURODRIVE

A **Nidec** Group Company
SHIMPO

Sumitomo
Drive Technologies

TECO
Westinghouse

VARVEL
MOTOR CONTROL SINCE 1953

watt drive
WEG Group

WEG



PRECISION MOTION & ACTUATORS

Whether linear, rotary, or multi-axis, CDWdrives has a solution for your application. We offer linear and rotary guides, precision gear & rack, machine, ball, and roller screws, as well as many types of actuators and positioning tables.

Accu Tech USA
First in Motion Solutions

ATLANTA

BISHOP WISE CARVER

CMC

IKO

JOYCE

nexen

TOYO

ZIMM



SERVO GEAR DRIVES

When you need higher precision and accuracy than you can get with industrial gear drives, we offer the most complete line of Servo Gear Drives to suit your application. Available styles include worm, planetary, hypoid, bevel, or any combination. Inline or 90 degree. From the highest precision to more economical solutions, we have the servo gearbox for your application.



SOLUTIONS FOR BATTERY POWERED VEHICLES

When it comes to battery powered applications such as AGV's, industrial trucks, fork lifts, etc. most people think of DC motors. While they are the "old, classic" solution they may not be the best solution. CDWdrives also has low voltage AC as well as asynchronous PMS AC motor solutions available. We offer fixed, steerable, and transaxle drive units as well as the motor controllers to drive them. We also offer actuators for battery powered controls.



OTHER PRODUCTS, SYSTEMS & MANUFACTURERS

From high volume-low pressure pumps to high pressure mobile platforms, our pump products perform with long life. Increase your effectiveness using a high pressure washer with the proper wand, floor cleaner, graffiti cleaner, or man-hole cleaner with its proven patented long-life swivel. We also offer many solutions for bulk material handling.



Positive displacement pumps

For 50 years, Cat Pumps has offered the most dependable positive displacement high-pressure triplex pumps available. Designed and built to the highest quality standards, customers count on Cat Pumps products to keep their equipment running.



High Pressure Wash Products

Mosmatic sets the standards for the high pressure cleaning sector and always acts environmentally friendly. They offer a comprehensive range of products for the car wash industry, efficient cleaning tools for professional use, and hands down the best rotary unions ever made.



Motor Controllers

From panel or motor mounted variable frequency drives and soft starts for AC motors to servo controllers and even motor controllers for battery powered applications. CDWdrives has products to help you get the right performance from your motors.



Bulk Material Handling Equipment

CDWdrives offers equipment to convey, discharge, fill, weigh, blend, feed and dump. Solutions include idlers, screw conveyors, bucket elevators, shakers, scrapers, conveyor skirting and dust control. Let us help you design your system for proper flow and efficiency.





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The CDWdrives Difference



CDWdrives has a highly trained and experienced technical staff backed by a team of engineers. From application engineering to reverse engineering and all points in between, CDWdrives provides premium products and exceptional support services. We take the time to understand the problems that you are trying to solve with your purchase and will recommend the best solutions and then stand behind our recommendations.

DRIVE SYSTEMS INTEGRATORS



In accordance with CDWdrives established policy of continuous product improvement, the specifications and technical data contained in this document are subject to change without prior notice. Moving equipment must be provided with suitable guarding or injury may result