

# WATER TREATMENT

## *Solutions for*

**Biological Contactors**

**Clarifiers**

**Dewatering**

**Filtration**

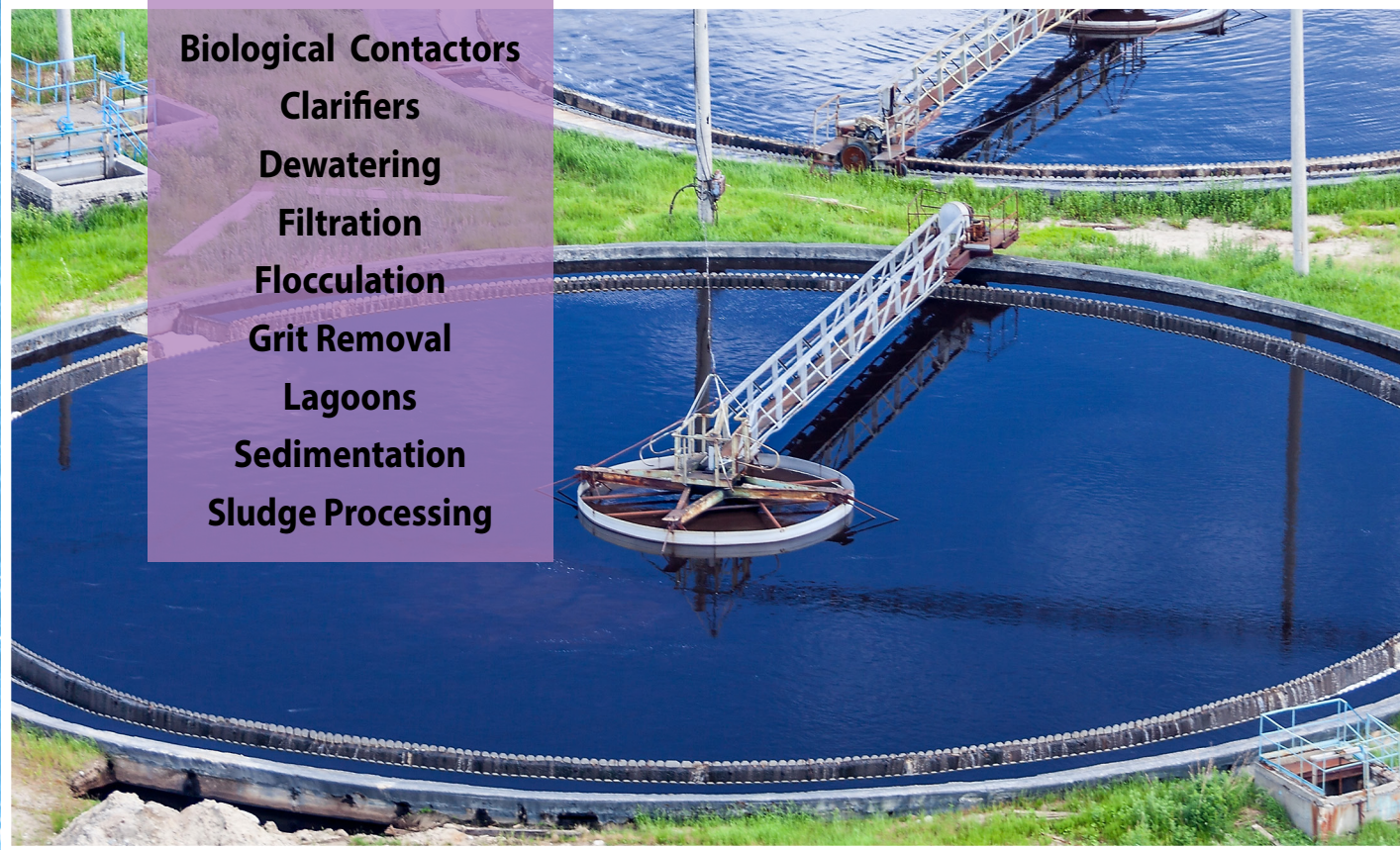
**Flocculation**

**Grit Removal**

**Lagoons**

**Sedimentation**

**Sludge Processing**



DRIVE SYSTEMS INTEGRATORS

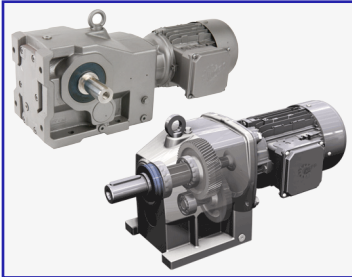


CARLSON-DIMOND & WRIGHT, INC.



## BEARINGS

Customers depend on CDWdrives for premium quality bearing design, performance, and technical support. Our well-known brands provide performance and quality in "type E" taper and spherical roller bearings, ball bearings, cylindrical roller bearings, sleeve bearings, filament, and "Aqua" bearings.



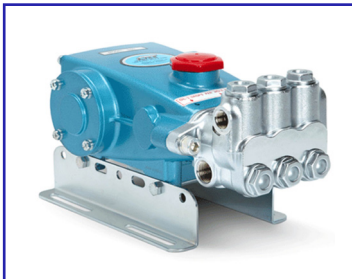
## GEAR DRIVES

We have Installed our high-quality, reliable, and rugged Gear Drives in the world's most challenging applications. Complete product lines, technical support, and local service allow for maximum performance and the lowest total cost of ownership.



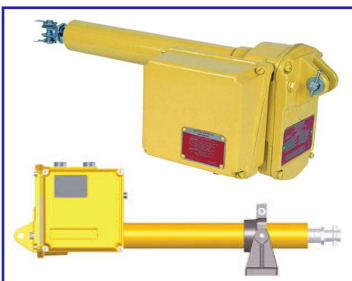
## INVERTERS / VARIABLE SPEED DRIVES

Energy savings from variable-frequency drives can be significant, where the greatest energy draw comes from pumping and aeration - two applications particularly suited to variable-frequency drives. Variable-frequency drives can reduce a pump's energy use by as much as 50%.



## PUMPS / WASH PRODUCTS

We offer reliable pump products from high volume-low pressure, and stainless-steel submersible pumps to high-pressure mobile platforms. 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.



## ACTUATORS

Self-contained electro-mechanical actuators with a wide variety of speeds, stroke lengths, thrusts, and mounting options. Rack and pinion pneumatic valve actuators in double acting and spring return models up to 57,000 inch-pound torque, with ISO and NAMUR mounting options.



## THE CDWdrives DIFFERENCE

In addition to providing premium and cost-effective products from leading manufacturers, we have exceptional support services. We are not a catalog - we're engineers. We have experienced engineers to assist you with product selection and design details. We take the time to understand the problems you are trying to solve with your purchase, recommend the best solutions, and then stand behind our recommendations.



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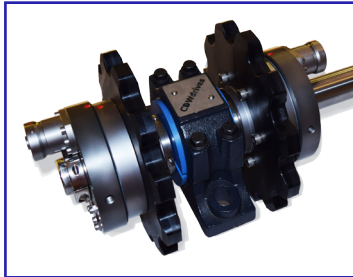
## COUPLINGS

CDWdrives provides zero maintenance elastomeric couplings - (including models with no metal-to-metal contact), metallic and composite disc couplings, steel grid, fluid (soft start), gear, bellows, disconnect, universal joint, and torque limiting styles, with thousands successfully running in the field.



## DRIVE BELTS

Single, banded, cogged, ribbed, microgroove, synchronous/timing, and corded. Long, dependable performance (oil resistance and static conducting). Full range of Classical (A, B, and C) and D-V Wedge (3V, 5V, and 8V) belts. Polyband, Double-V (hex), and FHP belts are available. Lengths from 22" to 660".



## TORQUE LIMITERS

Specifically designed for the severe-duty of wastewater environments, exposure to outdoor weather and corrosives, use them on the reducers of rectangular settling tanks or other sludge collecting systems to protect the gear reducer, drive chain, drag chain & flights.



## SCREW CONVEYORS

Our screw conveyor systems are available in a wide variety of materials resistant to corrosion, abrasion, and heat, for use in horizontal, inclined, and vertical applications -- screw conveyors as small as 4 inches in diameter and up to 120 inches in diameter, with material thickness up to 1-1/2 inches.



## CLARIFIER PARTS

CDWdrives can engineer and supply solutions for a new or refurbished facility. Our products exactly replace existing standard items, and the flexibility of our reverse engineering and manufacturing methods allows for custom designs for your particular treatment facility.



## CONVEYOR & DRIVE CHAINS

We supply conveyor and drive chains from industry leaders and the most experienced chain manufacturers in the world. State-of-the-art design and manufacturing technologies provide a quality, reliable chain with years of trouble-free performance.





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## **CDWdrives Service and Repair Department**

CDWdrives service and repair department is fully equipped and staffed with expert technicians and mechanics backed by an engineering group that will effectively and quickly resolve your equipment failures. We offer extensive repair services to save you from costly downtime, including repair, replace, rebuild, and even reverse engineering services. Our repair department often rebuilds pumps, blowers, gearboxes, and drive units of every size. Repaired equipment is fully pressure tested before delivery. Another excellent money-saving service we offer our customers is the reconditioning of impellers, at a fraction of the manufacturer's cost. All reconditioned impellers are high-speed balanced and epoxy coated.

We perform all repairs using only genuine, high-quality new parts from leading manufactures at the very best prices. You can expect prompt quotes and on-schedule repair dates. Pick up, and delivery is available. All our repairs feature a one-year limited warranty.



CDWdrives offers a **Preventative Maintenance Program** to keep your equipment in top working order. Our service department will thoroughly inspect the product, replace the seals and bearings, change the oil and lubrication, and make recommendations to improve the efficiency and longevity of your equipment.

Your Authorized *CDWdrives* Distributor:

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. Rotating equipment must be provided with suitable guarding, or injury may result.