



WASTE  
WATER

## Wastewater Treatment

Core and innovative products and services designed and engineered for the Wastewater Treatment Industry.



[BDIExpress.com](http://BDIExpress.com)



## INTRO

BDI has worked with Wastewater facilities for more than 50 years. Our industry expertise, complemented and supported by a wide selection of products from leading manufacturers around the world, enables BDI customers to achieve extended operating life, reduced downtime and lower overall costs.



### Bearings

- Belt Press
- Cast Nylon
- Non-Metallic
- Split
- Static Sleeve
- Wall Bearings



### Fluid Power

- Diaphragm Pumps
- Gauges, Cylinders, Valves
- Hose and Fittings
- O-Rings
- Pump, Level Controls
- Pump Seals



### Filtration

- Air, HVAC
- Bag Style
- Foreign Body Removal
- Hydraulic
- Magnetic

## Supplier Partners

- |   |   |   |   |  |   |
|---|---|---|---|--|---|
| <ul style="list-style-type: none"><li>• ABB</li><li>• Akron Gear</li><li>• All-flo pump</li><li>• Allied Locke / Brewton</li><li>• Ameridrives</li><li>• Ansell</li><li>• ARO</li><li>• ASCO</li><li>• ASI</li><li>• Boston Gear</li><li>• Brady</li><li>• Browning</li><li>• Channellock</li><li>• Chicago Rawhide</li></ul> | <ul style="list-style-type: none"><li>• Cooper Bearings</li><li>• Contiental</li><li>• CRC</li><li>• DeWalt</li><li>• Diamond Chain</li><li>• Dow Corning</li><li>• Drives</li><li>• Duramax</li><li>• Dwyer</li><li>• ED Bullard</li><li>• Ergodyne</li><li>• FALK</li><li>• Fenner Drives</li><li>• Garlock</li></ul> | <ul style="list-style-type: none"><li>• Gates</li><li>• Habasit</li><li>• Hitachi (Senqcia Maxco)</li><li>• Honeywell Safety</li><li>• iwis</li><li>• Kennedy</li><li>• Kimberly Clark</li><li>• Kop-Flex</li><li>• KWS</li><li>• Leeson</li><li>• Link-Belt</li><li>• Lista / Vidmar</li><li>• Loctite</li><li>• Lovejoy</li><li>• Marland Clutch</li><li>• Martin Sprocket &amp; Gear</li></ul> | <ul style="list-style-type: none"><li>• Mayr</li><li>• McGill</li><li>• Milwaukee</li><li>• Morse</li><li>• MRC</li><li>• National Oil Seals</li><li>• Nord Gear</li><li>• NuTrend Disposables</li><li>• Optibelt</li><li>• PPI</li><li>• Proto / Craftsman / Stanley</li><li>• RBC Bearings</li><li>• Regal Beloit</li><li>• Renolds Jeffrey / Whitney</li></ul> | <ul style="list-style-type: none"><li>• Reuland</li><li>• Rexnord</li><li>• Rustoleum</li><li>• Schaeffler Group</li><li>• SealMaster</li><li>• SEW Eurodrive</li><li>• Siemens</li><li>• simatec</li><li>• SKF</li><li>• SmartLUBE</li><li>• Sumitomo</li><li>• Syntron</li><li>• TB Woods</li><li>• Thern</li><li>• Timken</li><li>• Tsubaki</li></ul> | <ul style="list-style-type: none"><li>• U.S. Seal</li><li>• Webster Industries</li><li>• WEG</li><li>• Winsmith</li></ul> |
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## Specialty Inventory

BDI is committed to supporting your operations with local inventories specific to the Wastewater Treatment industry. Each BDI location has technical resources available for on-site troubleshooting and equipment upgrade recommendations.



**Gear Units**



**Elastomer Couplings**



**Adhesives and Sealants**

- Cleaners
- Degreasers
- Paints
- Thread Lockers
- Silicones



**Material Handling**

- Bucket Conveyors
- Buckets
- Belt Scrappers, Lacers & Cleaners
- Collector Chain
- Conveyor Belt
- Drag Conveyors
- Flights
- Press Belts
- Screw Conveyors
- Sidewall Belt Conveyors
- Sprockets
- Wear Strips / Filler Blocks / Shoes
- Wire Mesh Belt



**Mechanical**

- Gear Reducers
- Couplings
- Cross Collector Drives
- Mixing Drives
- V-Belt Drives / Sheaves/Belts / Bushings
- Chain Drives / Segmented Sprocket
- Overload Clutches / Torque Limiters



**Split Bearings**



**Drive Systems**



**Non-Metallic Sprockets**



**Overload Clutches**



**Screw Conveyors**



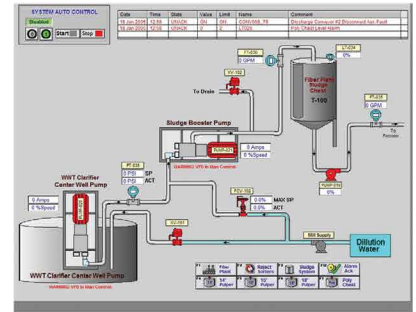
**Speed Reducers**

## Application Challenge

AAC, Inc. provides a full spectrum of electrical, mechanical, utility and industrial plant engineering services, with full capabilities in concept development, project design, construction administration, system integration and support services.

## Wastewater Hardware Solutions

- Clarifier Center Well Pump
- Sludge Booster Pump
- Center Well Dilution Valve
- Sludge Booster Dilution Valve
- Booster Bleeder Valve



## Electrical

- Motors
- Variable Frequency Drives (VFD's)
- Soft Starters
- Industrial Controls
- Power Distribution
- PLCs
- Sensors



## Industrial

- Abrasives
- Condition Monitoring
- Cranes / Winches
- Ladders
- Lubricants & Cleaners
- Paints & Coatings
- Storage
- Wipers & Rags



## Safety

- Cooling & Warming Products
- Environmental
- Eye Protection
- Fall Protection
- First Aid
- Flammables Cabinets
- Gloves
- Hardhats
- Hearing Protection
- Lockout Tagout
- Protective Clothing & Rainwear
- Signage & Identification
- Sorbents
- Tool Lanyards

## Services Overview

### Drive Standardization

Standardizing on a preferred brand for AC Drives, Motors, Couplings and Gearboxes can significantly reduce downtime, maintenance costs, spare parts and inventory.

### Reverse Engineering

BDI's experience in offering solutions for upgrading the components of conveyor systems with more durable and long-life products, is second to none. Engineers and maintenance personnel rely on BDI's capabilities to machine and fabricate components from prints, drawings and samples in order to eliminate the lengthy lead-times from original equipment manufacturers.

### Actuator / Crane / Hoist / Winch Repair

### Condition Monitoring

- Motors
- Bearings
- Gearboxes
- Pumps
- Air Leak Detection

### Drive Repair

- AC / DC

### Pump / Cylinder / Valve Repair

### Electrical Repair

- Circuit Board
- Instruments
- PLC
- Servo

### Gearbox Repair / Rebuild

- Helical
- Parallel
- In-line
- Up to a 2-year warranty
- Reverse Engineering
- Servo
- Shaft Mounts

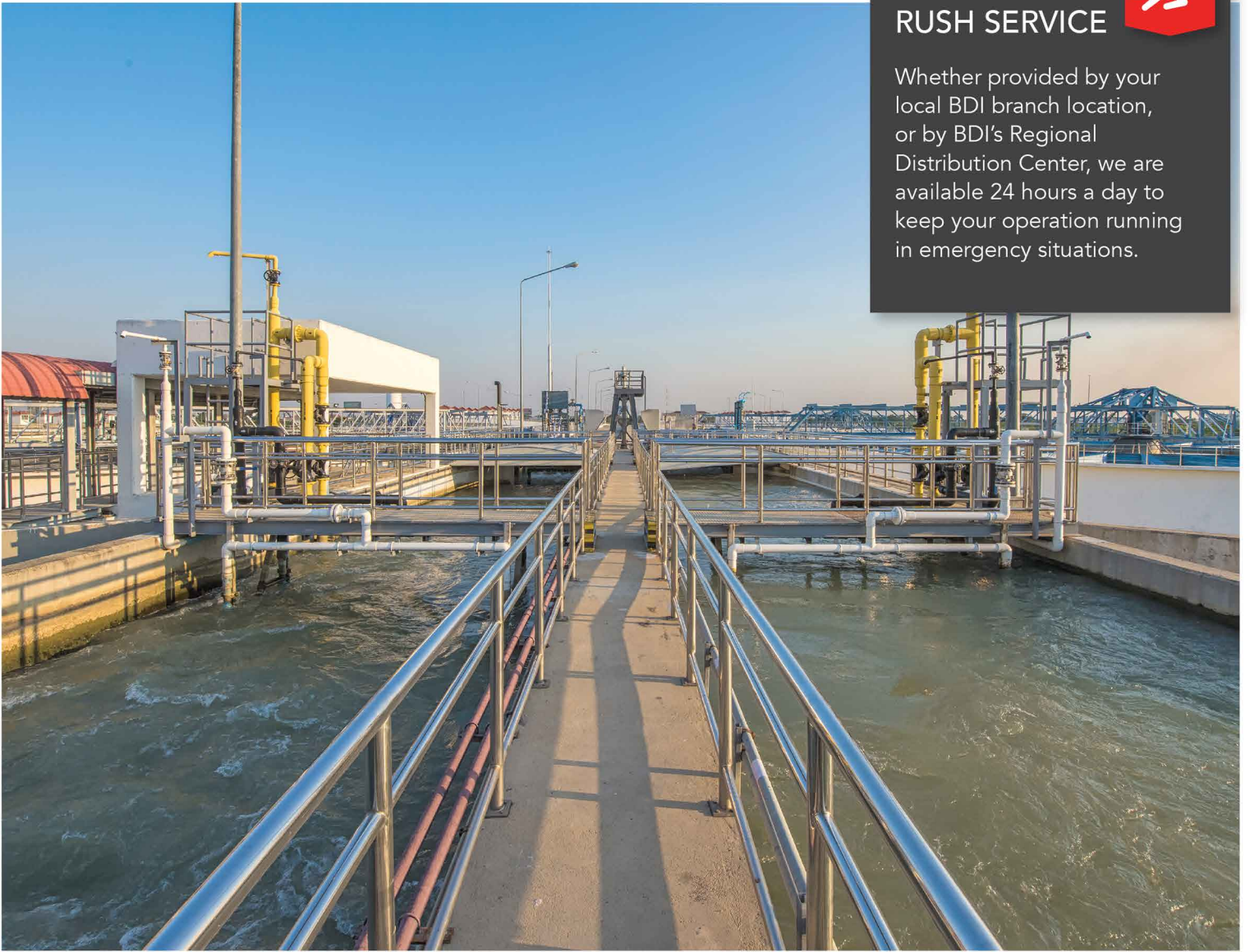
### Gloves Recertification



## 24-HOUR RUSH SERVICE



Whether provided by your local BDI branch location, or by BDI's Regional Distribution Center, we are available 24 hours a day to keep your operation running in emergency situations.





## Success Made Easier

BDI is a full line distributor for Bearings, Mechanical and Electrical Power Transmission, Fluid Power, Sealing/Retaining/Lock devices, Industrial Hose and Fittings, Conveyor Belting, Linear Motion and General Industrial products.

Branches are located throughout the USA, Canada, Mexico, Europe and Asia.

For more information on BDI's Wastewater capabilities, please contact us.

### *More Than Bearings*



CONVEYOR  
SYSTEMS



LUBRICANTS



ELECTRIC  
MOTORS



SAFETY



BELT DRIVES



CHAIN  
DRIVES

*branch label here*