

WASTE WATER



*Building Customer Loyalty
One promise at a time*

WASTEWATER TREATMENT





BDI has been working with Wastewater Treatment facilities for over 50 years!

Supplier Partners

- ALLIED LOCKE/BREWTON
- ARO
- BALDOR
- BOSTON GEAR
- BROWNING
- COOPER BEARINGS
- DOW CORNING
- DWYER INSTRUMENTS
- FAFNIR/TORRINGTON
- FALK
- FOOTE JONES
- GARLOCK
- GOODYEAR
- HITACHI
- JEFFREY
- KWS
- LINK BELT
- LOCTITE
- MARTIN SPROCKET
- MAYR
- MRC
- NATIONAL SEALS
- NORDGEAR
- REXNORD
- SEW EURODRIVE
- SKF
- SUMITOMO
- TB WOODS
- THERN
- TIMKEN
- U.S. SEAL
- U.S. TSUBAKI

Core Products

Mechanical

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



Drive / Idler Sprockets

Material Handling

- Bucket Conveyors
- Buckets
 - Non-Metallic
 - Cast / Grit
- Collector Chain
 - Non-Metallic
 - Cast Pintle
 - Stainless Steel
- Drag Conveyors
- Flights (Fiberglass or Aluminum)
- Press Belts
- Screw Conveyors
- Sidewall Belt Conveyors
- Sprockets
 - Non-Metallic
 - Cast Iron
 - Replacement Teeth
- Wear Strips / Filler Blocks / Shoes

Electrical

- Brakes Soft Starts
- Motors Variable Frequency Drives (VFD's)

Fluid Power

- Diaphragm Pumps
- Gauges, Cylinders, Valves
- Hose and Fittings
- Pump, Level Controls
 - Float Switches
 - Submersible Transmitters
 - Alternating Pump Controls
- Pump Seals

Bearings

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



Chain & Flights

Industrial

- Adhesives and Sealants
- Condition Monitoring
- Cranes / Winches
- Electric Tools
- Hand Tools
- Lubricants and Cleaners
- Paints and Coatings

Safety

- Eye and Hearing protection
- Fall protection
- First Aid
- Gloves
- Hard Hats



RBC Drive



Specialty Services

Repair and Rebuild

Gearbox Repair / Rebuild

- Helical
- Parallel
- In-line
- Up to 2 year warranty
- Reverse engineering
- Servo

Crane / Hoist / Winch Repair

Drive Repair

- AC / DC

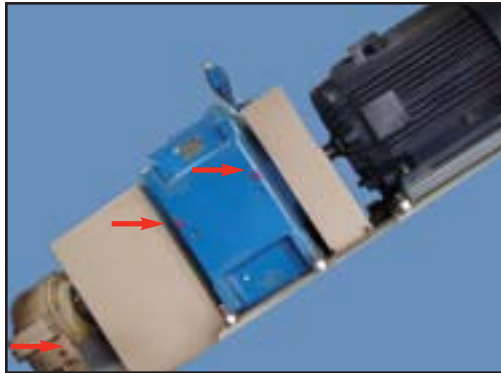
Electrical Repair

- Circuit Board
- Instruments
- PLC
- Servo

Pump / Cylinder / Valve / Actuator Repair

Condition Monitoring

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



Pictured above is a condition monitoring system showing red caps on sensor mounts for the Motor, Gearbox, and Bearing on this drive system.



Screw Conveyor

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 is skilled at upgrading the components of conveyor systems by providing more durable and long-life products. 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.



SEW Eurodrive

Services Overview

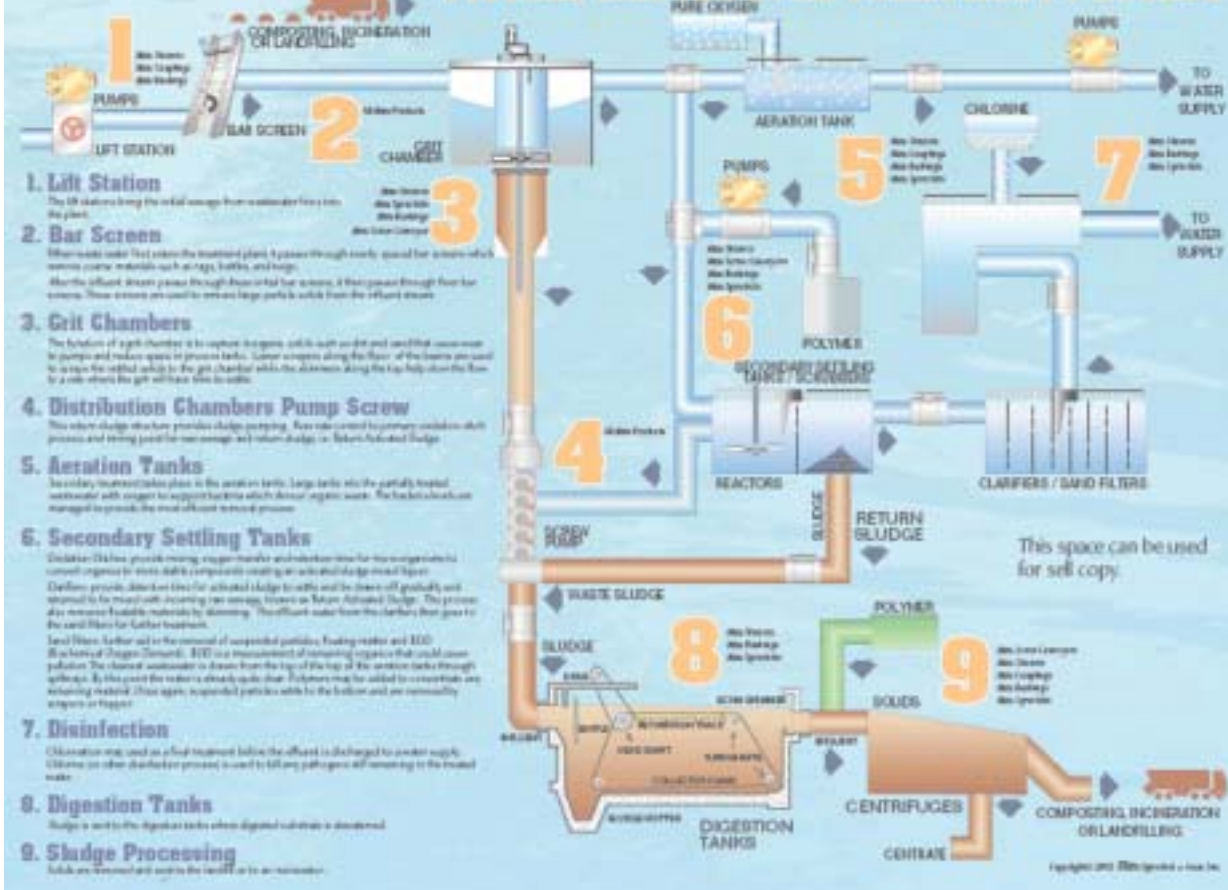
- CONDITION MONITORING
- DRIVE UPGRADES
- ENERGY SAVINGS
- GEARBOX REBUILD
- LUBRICATION SURVEY
- OEM SPARES IDENTIFICATION
- ON-SITE TRAINING - C.E.U. CREDITS
- PLANT SURVEYS
- SAFETY SEMINARS
- STANDARDIZATION

24 HOUR RUSH SERVICE

Local BDI branches provide 24 / 7 / 365 emergency service to keep Wastewater Treatment facilities operating



TYPICAL WASTEWATER TREATMENT PROCESS



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.



**Baldor Electric Motors
Extreme Duty**



Hitachi chain and Accessories



Falk Wrapflex Couplings



Timken Condition Monitoring



Rexnord Omega



Martin Screw Conveyor



Cooper Split Bearings



Boston Gear Overload Clutch



U.S. Seal



**Hitachi SAV 709
SS Chain**



RBC Drive



**TB Woods
Sure-Flex Couplings**





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

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

**For more information on our Wastewater Treatment capabilities,
please contact your local BDI account representative
at the phone number listed below,
or visit our web site at www.bdi-usa.com**

Branch label here