



***BDI***

*World Class  
World Wide*

**ETHANOL**

**ETHANOL**





BDI has been working with Ethanol and Corn processing plants for over 50 years. BDI offers product knowledge and technical expertise for plant maintenance and operations.

## Supplier Partners

- Baldor
- Bi-Torq
- Browning
- Cooper
- Dodge
- Dow Corning
- Drives Chain
- Fafnir
- Falk
- Gates
- Goodyear
- Kop-Flex
- Leeson
- Link Belt
- Loctite
- Martin Sprocket
- Morse
- MRC
- Power Team
- Precision Pulley
- Rexnord
- Sew Eurodrive
- SKF
- TB Woods
- Timken
- Thern
- Torrington
- US Tsubaki



## Core Products

BDI stocks the key components necessary to maintain equipment found in Ethanol plants. These components include, but not limited to:

### Bearings

- Spherical
- SAF Blocks
- Split
- Cylindrical
- Water Cooled

### Fluid Power

- Steam Hose / Air
- Automated Valves
- Fusible Link Assemblies
- Pumps
- Filtration

### Mechanical

- Gear Reducers
- Conveyors
- Belt Drives
- Chain Drives
- Couplings

### Industrial

- Adhesives / Sealants
- Grease / Lubricants
- Floor Repair
- Paints
- Hand / Power Tools

### Electrical

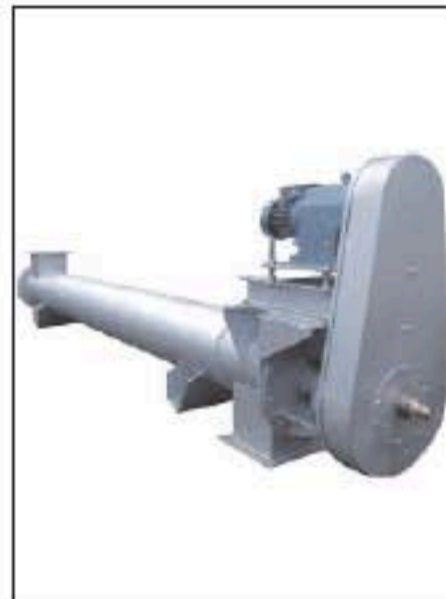
- Motors
- Drives / VFD's
- Brakes / Clutches
- Soft Starts
- Actuators

### Safety

- Lock out / Tag out
- Respiratory
- Fall Protection
- Signs / Warnings
- Gloves



ETHANOL PRODUCTION



SCREW CONVEYOR



DRUM DRYER



HAMMER MILL



DRAG CONVEYOR

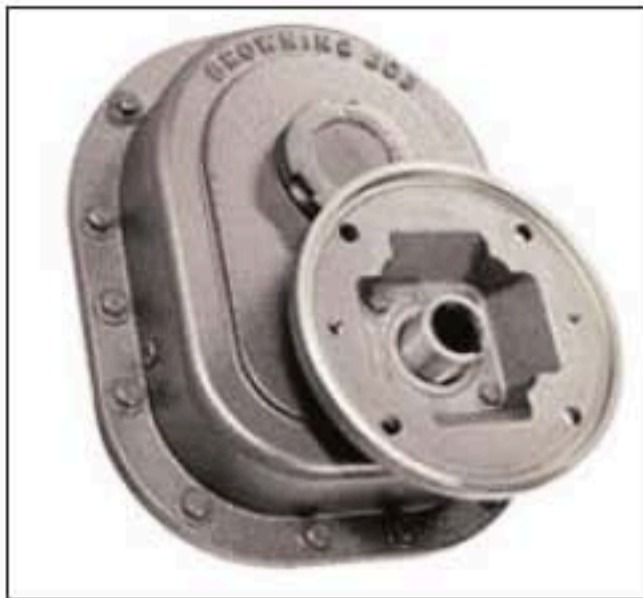
- Hammer Mills
- Screw Conveyors
- Bucket Elevators
- Centrifuges
- Dryers
- Drag Conveyors
- Pumps
- Mixers / Agitators
- Cooling Towers



# Specialized Inventory



**COOPER SPLIT BEARING**



**BROWNING SHAFT MOUNT REDUCER**



**V-BELT DRIVES**



**BALDOR MOTORS**

Your local BDI representative is trained and knowledgeable on the products and services offered. You can count on BDI for information and updates on new products and innovations that positively impact your operations.



**ENGINEERED CHAIN - WH124  
CARBON AND STAINLESS STEEL**



**REXNORD COUPLINGS**



**REXNORD SHURLOK BEARINGS**



**DODGE BEARINGS & SHAFT MOUNT REDUCERS**



**MARTIN SCREW CONVEYOR**



**GOODYEAR STEAM AND AIR HOSE**



# Specialty Services

## Repair and Rebuild

### Gearbox Repair / Rebuild

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

### Crane / Hoist / Winch Repair

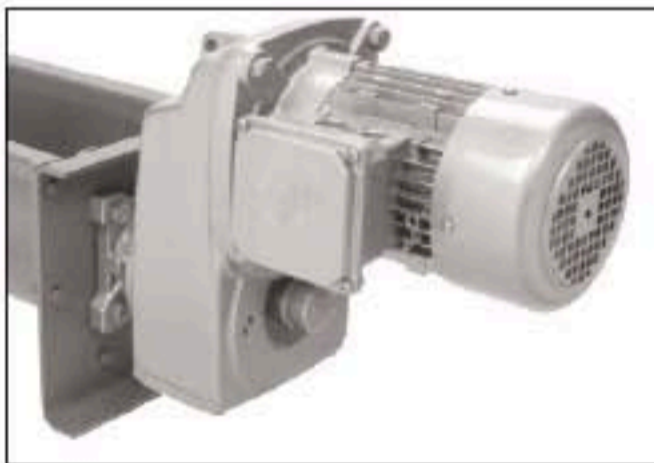
#### Drive Repair

- AC / DC

#### Electrical Repair

- Circuit Board
- Instruments
- PLC
- Servo

### Pump / Cylinder / Valve / Actuator Repair



**SCREW CONVEYOR DRIVE**

## 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.

## Condition Monitoring

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



***Pictured above is a Timken condition monitoring system.***

## Drive Standardization

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

## Services Overview

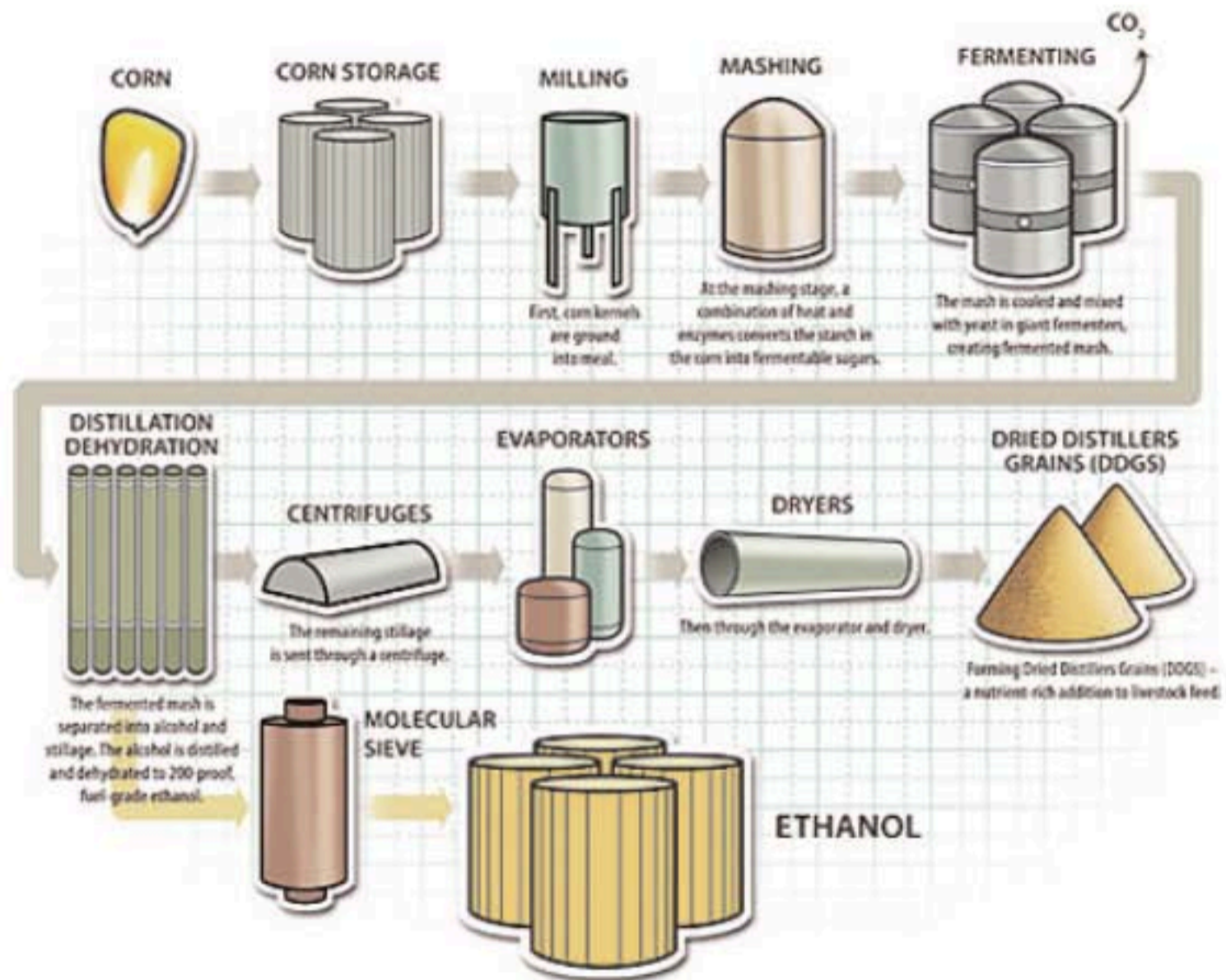
- Repair Services**
- Spare Parts Standardization**
- Energy Savings**
- CO2 Cleaning**
- OEM Interchange**
- In-Plant Training**
- Inventory Reduction**
- Cost Savings**
- Lubrication Surveys**
- Share Spare Programs**
- Condition Monitoring**
- Plant Equipment Surveys**
- Vendor Managed Inventory**

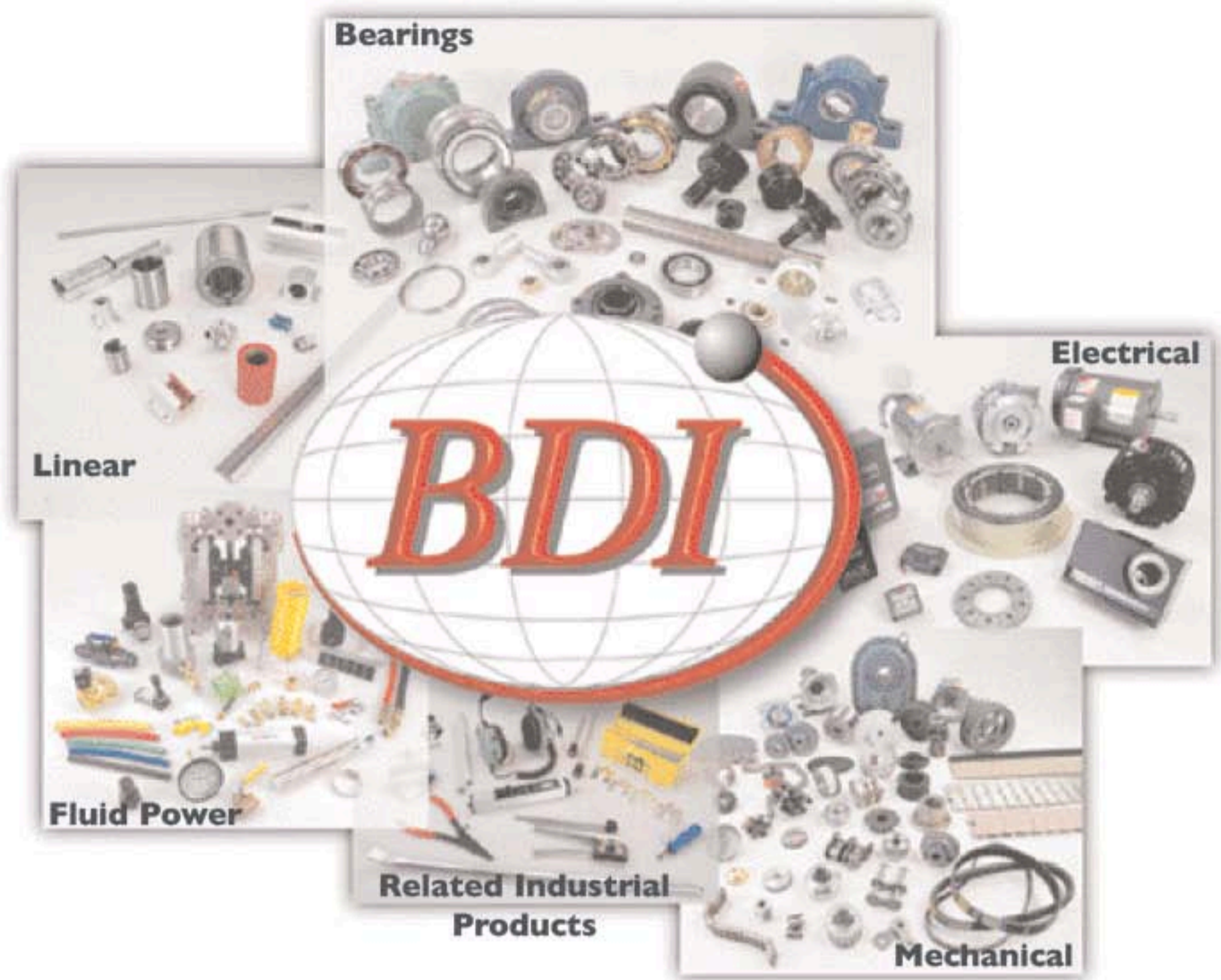
### **24 Hour Rush Service**

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









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 BDI's Ethanol Plant capabilities, please contact your local BDI account representative, or visit [www.bdi-usa.com/ethanol](http://www.bdi-usa.com/ethanol)**

*Branch label here*