

SYSTEM-1

ONE SYSTEM ☆ ONE SOURCE ☆ ONE SOLUTION

Performance & Convenience from System-1

Rockwell Automation offers a unique service aimed at providing customized solutions for customers. This service, known as System-1, combines the functions of inside sales, marketing and engineering to provide a single source for the design, selection and procurement of multiple component systems.

Once the System-1 Group receives the customer's specifications, the criteria are reviewed and the correct products for the application are selected and priced. The group then checks into deliveries and provides a written quote to the customer. Throughout the process, they work to ensure that the order is available when the customer needs it.

One point of contact within the

System-1 Group covers all of the product lines we offer. Whether you need a standard package or are looking for one that is more customized, System-1 is the source for all of your product needs. System-1 also has the capability to ship the total package pre-assembled and on a single pallet. If products are to be assembled on-site, the items are boxed together for ease of identification. All orders are tagged on the outside of the pallet or box with the description number designated for the project.

A centralized source for warranty administration is also a feature of System-1. If one of the products you ordered needs warranty attention, you can call the System-1 Group directly. Our experts will assess the situation and provide a solution to satisfy your warranty needs.

Lowering Total Cost of Ownership for Industry

System-1 has a long history of providing drive and tail conveyor assemblies for the aggregate industry. These systems are designed to provide long lasting, power-matched solutions to meet bulk material conveying requirements. They incorporate high quality, long lasting DODGE and RELIANCE products, including reducers, conveyor pulleys, bearings, take-up frames and motors. A quick selection guide is available for pre-engineered assemblies and simplifies the design of the conveyor process because the selection of components is already done. For users requiring a more customized bulk conveyor solution, System-1 offers a complete package of power-matched DODGE and RELIANCE products, selected for specific applications.

The System-1 Group is also able to provide a standard solution for the food and beverage industry. System-1 offers these users a standard package that includes three products well suited for their applications: a DODGE QUANTIS Unit, a RELIANCE XE Motor and a Reliance SP600 AC Drive. The combination of these products offers users lower maintenance costs and more versatility.

In a typical food plant, converting equipment and conveyors are often powered by a mechanical drive. However, the standard package offered by System-1 presents a more reliable and efficient solution because our drive is easy to control and monitor with an external keypad. Our package also operates at more than 90% efficiency, requires less maintenance and maximizes customer uptime.

Standard packages offered for this industry can be specified for either in-line or right-angle configurations based on the applications. For users that require washdown capabilities, there is also a modified package containing products specially manufactured for these environments.

The System-1 Group brings performance and convenience to every order they receive. By providing ease of selection, procurement and delivery, the System-1 Group is able to lower your total cost of ownership, while providing the power-matched product solutions you need for all your mechanical and electrical power transmission needs.

For more information on these services, contact a System-1

Product Specialist at 864-284-5767 or access our System-1 Page located at www.dodge-pt.com or www.reliance.com.

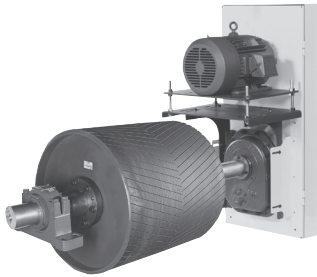
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Engineering

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Bulk Conveyor

Use System-1 to quote your Bulk Conveyor Drive Systems. Packages include DODGE and Baldor•Reliance products such as: Mine Duty Extra Conveyor Pulleys, TAF Bearings, Torque-Arm II Shaft Mounted Reducers, V-belt drives, QUANTIS Reducers, baseplates, fluid couplings and Super-E Motors.

System-1 also offers pre-packaged drive and tail conveyor assemblies. These packages were designed for Bulk Conveyor applications offering a variety of common configurations. The drive system utilizes a Baldor•Reliance Motor driving a Torque-Arm II Shaft Mount Reducer through a v-belt drive. System-1 will ship the motor, reducer and v-drive assembled with the belt guard and motor mount. The pulleys, shafts and bearings will be delivered as a single piece, ready to be mounted to the reducer. Contact a System-1 representative to receive the most efficient power transmission solution available.

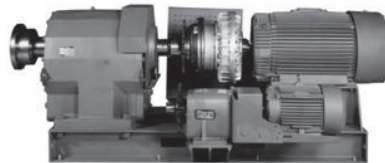


Custom Fabricated Baseplates

System-1 can provide custom fabricated baseplates for mounting various DODGE gear reducers and Baldor•Reliance motors, including made-to-order couplings and v-belt drive guards.

Variable Speed Drives

Packages include DODGE QUANTIS Gear Reducers with Baldor•Reliance Premium Efficient Motors and Baldor Variable Frequency Drives for variable speed applications. These packages provide compact, low maintenance solutions that are easy to install. System-1 also has the capability to interchange mechanical variable speed drives, such as REEVES Motodrives, to an electrical variable speed solution.



Creep Drive

A Baldor•Reliance Motor drives a DODGE MAXUM Reducer through a fluid coupling for a soft start to maximize the life of the system. When the driven equipment needs to be inspected, an over-running clutch disengages the main drive and engages a smaller Baldor•Reliance/DODGE drive system connected to the main drive input shaft. The equipment now runs at a fraction of the normal operating speed. This complete package is delivered pre-assembled on a heavy duty baseplate for ease of installation.

Large and Specialty Gearing

System-1 provides offset parallel and right angle drive packages, featuring DODGE MagnaGear Reducers, for applications requiring high horsepower, which can include the incorporation of external backstops.

Non-Baldor Products

System-1 can also provide non-Baldor products such as external backstops, moment couplings, and braking systems for decline conveyors.

Why Should You Use System-1?

- Saves you time
- Project coordination
- Optimized system design and product selection
- Products / services bundling
- Pre-assembled Packages
- Freight administration
- Single source warranty
- Reduces the Total Cost of Ownership

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CUSTOMIZED CONVEYOR PACKAGE SOLUTIONS

Use this quick fax form to receive your customized solution quotation.

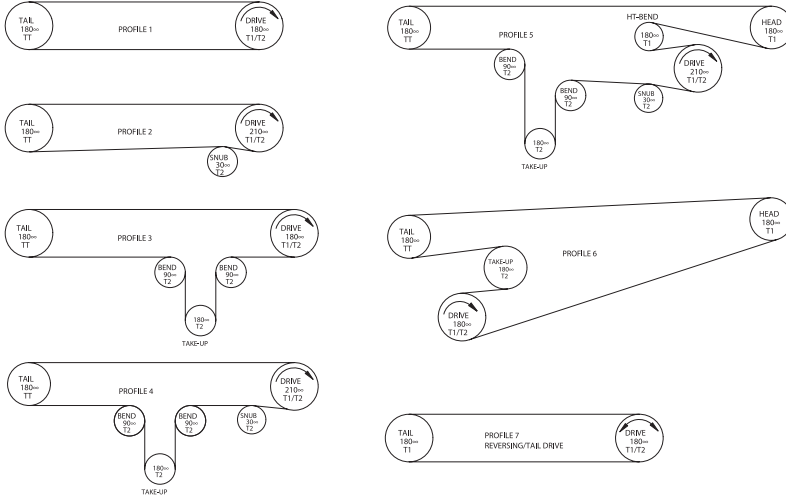
TO: SYSTEM-1 GROUP
FAX: (864) 281-2355
RE: CUSTOMIZED QUOTATION
E-MAIL ADDRESS: pssystem1@baldor.com

FROM: _____
COMPANY / CUSTOMER NUMBER: _____
CITY, STATE: _____
PHONE: _____
FAX: _____

Desired System Capacity (TPH) _____
 Material Type _____
 Estimated Weight of Material _____
 Desired Belt Width _____
 Desired Belt Speed _____

Length of Conveyor _____
 Change in Elevation _____
 Number of Belt Scrapers/Plows _____
 Idler Angle _____
 Bearing Center Distance _____

Desired Conveyor Profile (Please Circle Your Selection)



Additional Comments

- | | | |
|------------------------------|---|---|
| Motor Type: | Premium Efficiency Super-E <input type="checkbox"/> | Severe Duty <input type="checkbox"/> |
| | E-Pact <input type="checkbox"/> | Crusher Duty <input type="checkbox"/> |
| | Quarry Duty <input type="checkbox"/> | 841-XL <input type="checkbox"/> |
| Reducer Type: | QUANTIS <input type="checkbox"/> | MAXUM <input type="checkbox"/> |
| | TORQUE-ARM (TXT) <input type="checkbox"/> | MagnaGear <input type="checkbox"/> |
| | TORQUE-ARM II (TAII) <input type="checkbox"/> | TIGEAR 2 <input type="checkbox"/> |
| Bearing Type: | SCM Ball Bearing <input type="checkbox"/> | TAF <input type="checkbox"/> |
| | Type-E <input type="checkbox"/> | IMPERIAL SAF <input type="checkbox"/> |
| | S-2000 <input type="checkbox"/> | USAF <input type="checkbox"/> |
| | IMPERIAL <input type="checkbox"/> | SPLIT-SPHERE <input type="checkbox"/> |
| Conveyor Pulley Type: | Cema Drum <input type="checkbox"/> | ISAF <input type="checkbox"/> |
| | Mine Duty Drum <input type="checkbox"/> | Cema Wing <input type="checkbox"/> |
| | Mine Duty Extra Drum <input type="checkbox"/> | Mine Duty Extra Wing <input type="checkbox"/> |
| | 1/2" Herringbone Lagging <input type="checkbox"/> | Quarry Duty Wing <input type="checkbox"/> |
| | 1/2" Plain Lagging <input type="checkbox"/> | Wing Lagging <input type="checkbox"/> |
| | 1/2" Diamond Lagging <input type="checkbox"/> | |
| | 1/2" Holz Lagging <input type="checkbox"/> | |
| | Ceramic Lagging <input type="checkbox"/> | |
| | Chevron Lagging <input type="checkbox"/> | |



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CUSTOMIZED CONVEYOR PACKAGE SOLUTIONS

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TO: SYSTEM-1 GROUP
FAX: (864) 281-2355
RE: CUSTOMIZED QUOTATION
E-MAIL ADDRESS: pssystem1@baldor.com

FROM: _____
COMPANY / CUST NUMBER: _____
CITY, STATE: _____
PHONE: _____
FAX: _____

Motor HP / Voltage:
Reducer Output Speed:
Reducer Configuration:

- Right Angle
- In-Line
- Offset Parallel
- Worm Gear
- Shaft Mount

Output Connection:

- Chain Drive
- Synchronous Drive
- Coupled
- V-Belt

Mounting:

- Shaft
- Baseplate
- Flange

Softstart Device:

- Yes
- No

Motor/Reducer Connection:

- Type of coupling: fluid, puraflex, grid, gear _____
- Direct Coupled
 - Belt Driven
 - C-face

Environment:

- Standard
- Extra Tough
- Washdown

Output Torque Requirements:

Is High Starting Torque Required? _____

- Yes
- No

Variable Speed

- Yes

(Circle One) Constant or Variable Torque
Speed Range _____

- No

Division I

Classes _____
Groups _____
Temp Code _____

Division II

Classes _____
Groups _____
Temp Code _____

Application Description / Other Comments:

Engineering

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