



**Conveyor & Automation**

TECHNOLOGIES, INC.

## CONVEYOR & AUTOMATION TECHNOLOGIES, INC.

Conveyor & Automation Technologies, Inc. is a turnkey solutions provider. We offer custom solutions for the food, beverage and manufacturing environments. We pride ourselves on listening to our customers problems, and offering cost effective solutions. Our staff of Mechanical, Electrical and Civil Engineers along with our Project Managers and Senior Account Managers work together to provide the best available service to solve your problems.

Conveyor & Automation Technologies can help you with simple machine alterations to your production line, to increase productivity or to introduce additional packaging for the market place. We can also tackle the task of reworking an existing line with new equipment or moving complete lines and consolidation of production to single facilities. Conveyor & Automation Technologies can be used as your Engineering Department when you face the challenge of expansion concurrently with production.

Our experience with a variety of conveyors from tabletop, air conveyor, case conveyor, pallet conveyor, as well as our knowledge of the packaging field, enables us to provide a cost effective turnkey solution to our customer base.

### SERVICES

**Engineering Studies**-Conveyor & Automation Technologies will provide its clients with an in-plant audit. We will review your process to learn the complexities of how you function. We will consult with vendors and research the industry to find appropriate solutions. This process will take into account rates of return, how it can improve your efficiency, and ultimately make a ROI. Our presentation will offer a solution made up of a written scope document as well as an AutoCad Layout. Additional consultations will develop the full project of Scope, Budget and Schedule.

**Distributed Products**-Conveyor & Automation Technologies has negotiated representation with various national and international manufacturers and contractors that are capable of providing it's customers with the very best equipment and services. We only partner with manufactures capable of providing top-notch equipment with quality and reliability. By selecting leaders in their fields we bring world class equipment to our clientele.

**Project Managements Services**-Conveyor & Automation Technologies can offer any level of project management required by our customers from single equipment project management to total line integration. Our project manager will act as an advocate for the customer always focused on the three aspects of project management: Scope, Budget and Schedule.





## CONTROLS AND INTEGRATION

Conveyor & Automation Technologies provides turn key control solutions.

- **Total Line-System Integration**

We design controls with the complete system in mind. Each piece of equipment is carefully integrated with the new and existing conveyor so the system operates as one, not as individual islands of machinery. Such upfront design and programming is critical to complete, successful system integration.

- **PLC Programming Standardization**

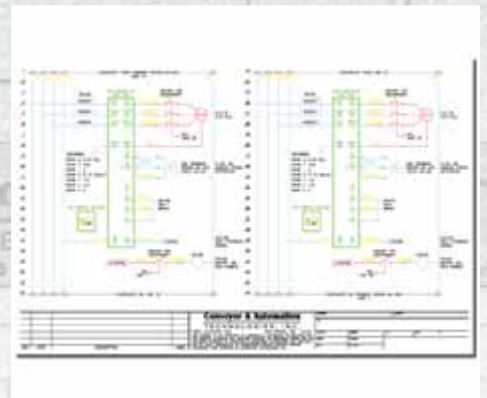
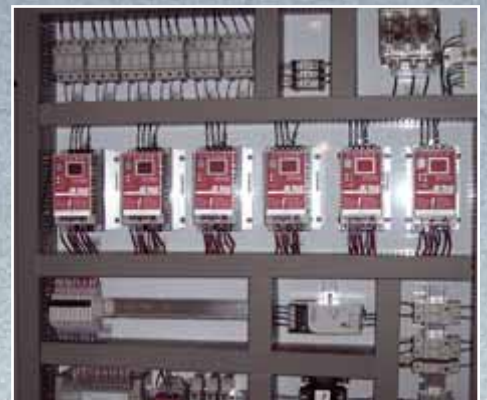
Each PLC program is written to documented standards throughout our Controls division. This equates to shorter start-up durations with more predictable results.

- **Control Panel Design and Fabrication**

Conveyor & Automation Technologies manufacture panels to either industry or customer specifications. Each panel is rigorously tested prior to shipping to ensure all wiring and functionality. All panels adhere strictly to the National Electric code.

- **Start-Up Assistance and Line Commissioning**

We provide experienced controls engineers who understand Line Controls and Integration.





## TABLETOP & MATTOP CONVEYORS

We have a full line of tabletop conveyor for Beverage, food, personal care as well as special applications. Specifications include but are not limited to:

- Stainless steel or Mild steel painted
- Raised sanitary construction with serpentine or roller returns
- Clean out holes with covers are available
- Wash-down duty bearings and motors
- 2" square tube supports, welded construction
- Drain pans are available
- Line covers are available
- All types of chain and belting are available from Rexnord, Intralox, Habasit
- Custom applications and specials are available upon request.

## AIR CONVEYOR

We have 2 lines of air conveyor available. One line is for the PET manufactures which includes more aluminum parts to reduce costs as well as a Beverage line of air conveyor which is available with stainless steel. Specifications include:

- Stainless steel plenums with structural stainless steel yokes
- Dual pressure sequencing dampers for transport and accumulation.
- Air cylinder operated neck guides for 2 bottle finishes
- Air cylinder operated side guides for multiple bottle diameters
- Automatic merge and divert gates.
- Hand crank adjustment module for bottle height changes
- Stainless steel blower housings with stainless steel motors
- Special Rinser Feedscrew Stabilizer available for PET lines with rinsers



## VACUUM CONVEYOR

We offer vacuum conveyor for the PET industry to help stabilize the bottles and transport them. The conveyor is available in single file as well as mass if necessary. Specifications include:

- Mild steel and stainless steel construction
- LF chain both side flex and Mattop
- Vacuum Elevator or Lowerator available.
- Lexan line covers available





## PALLET CONVEYOR

Pallet conveyor is available in mild steel construction both in chain driven live roller as well as drag chain style. Medium duty and heavy duty models are available depending on the weight of the pallet and the configuration of the bottom boards. A wide variety of custom devices can enhance your system. Specification include:

- From 10 Ga side frames to structural steel frames
- Drag chain both 2 and 3 strands available with #60 and #80 chain
- 90 degree transfers available between roller or between drag chains
- Turntables available with multi position stops
- Pallet conveyors available on Scissors lifts as well for material handling areas
- Custom colors available (RAL #)

## MACHINERY

- Depalletizers
- Single Filer (Pressureless Combiner)
- Bottle and Can Rinsers
- Head Space Sterilizers (Gripper style and lay-down)
- Fillers
- Warmers
- Case Packers
- Spiral Lifts
- Case Elevators
- Conventional Palletizers
- Robotic Palletizers for multiple lines
- Stretch Wrap Machines









## WE'RE YOUR TURNKEY SOLUTION

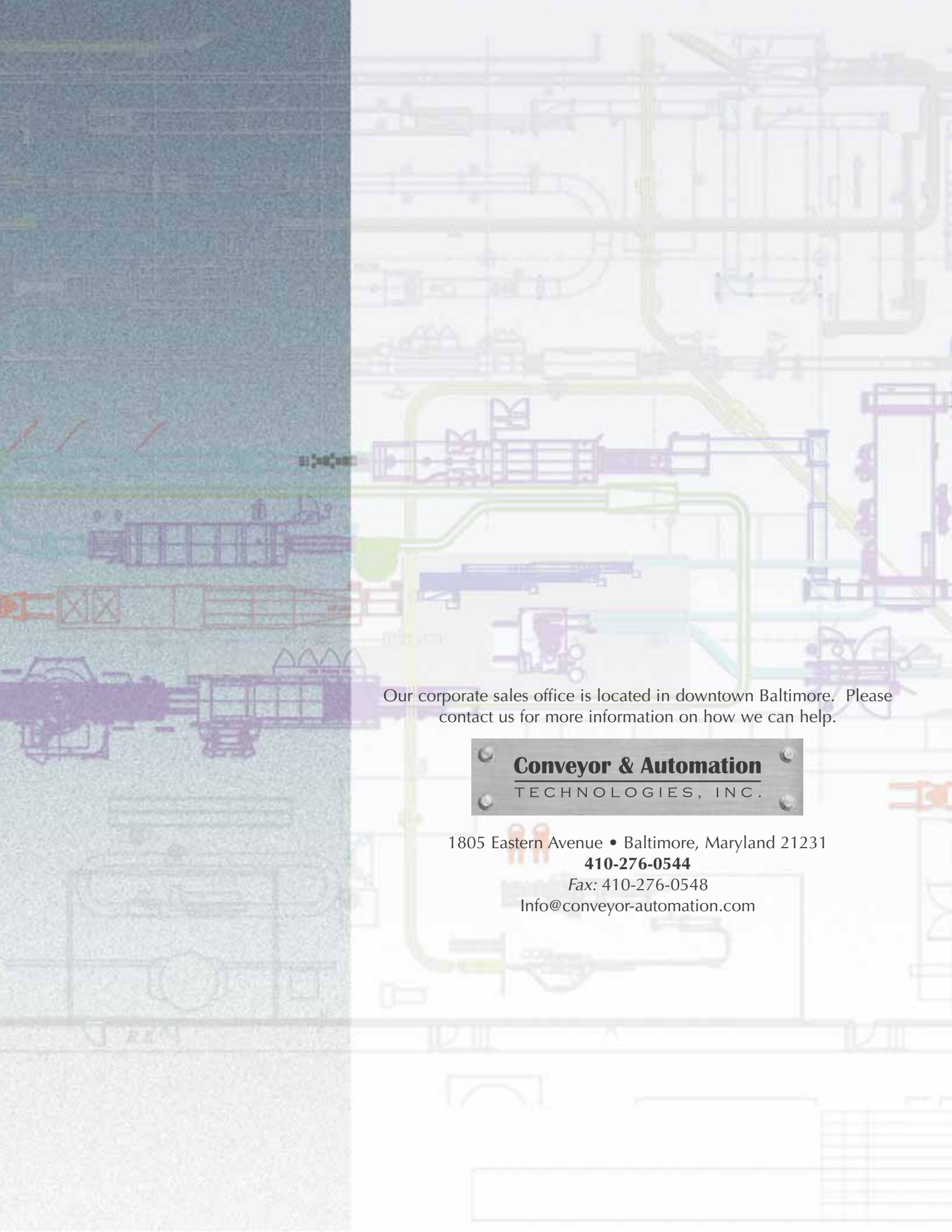
By combining engineering studies, distributed products and project management services Conveyor & Automation Technologies is capable of providing a turnkey solution.

Our staffs of professionals have been selected as experts in their field, and we are proud to face the challenge that you may have, and offer positive solutions that will return financial benefits to your bottom line. We understand that your success is directly related to our survival and therefore we are driven to make are customers efficient and profitable in their production.

Our systems help our customers reduce labor, improve production efficiency, safety, product quality and also provide the flexibility to meet future growth. We deal in many industries such as the Industrial, Robotics, Food, Consumer goods, Beverage, Container Manufacturing as well as Pharmaceutical. Our customers include multi-plant global manufactures as well as single plant manufactures who need effective automation systems to make them competitive in their field.

We can work on entire line design as well as upgrades to existing production lines. We have the expertise to also relocate your production line from one location to another and enhance the efficiency in doing so.





Our corporate sales office is located in downtown Baltimore. Please contact us for more information on how we can help.

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