

ROBOTICS, Inc.

Conveyor Systems

PRODUCT DATA

ROBOTICS, Inc. Conveyor Systems provide the means to create a complete automated assembly system by connecting various stations and operations.

Conveyor System

A Robotics, Inc. conveyor system provides the necessary link for any automated assembly system. The conveyor system forms a complete "loop", meaning parts enter at one point, travel the length of the system, and exit at the same point.

Conveyor systems can contain any of the following devices and these parts can be added to an existing conveyor system:

Conveyor: Standard modular conveyors are available in sizes ranging from 7 ft. to 20 ft.; conveyors under 10 ft. have 2 legs, all others have 3 leg construction; each conveyor is powered by its own motor and has a Robotics, Inc. standard double slip belt design

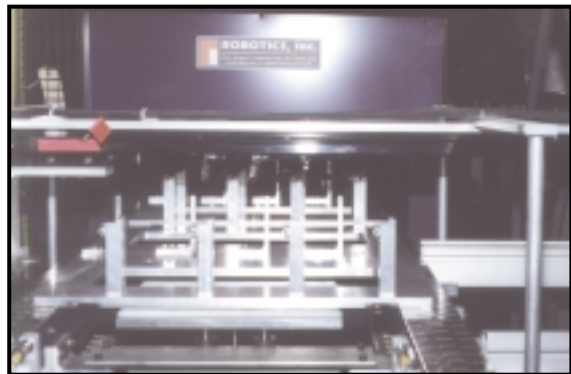
Powered End Transfer: Lifts or lowers pallets from one conveyor to another at a mid-point or end using pneumatic lifts

Corner Transfer: Lifts and transfers a pallet at the end of one conveyor to the beginning of another using pneumatic lifts; the second conveyor is at 90 degrees to the first

Pallet Stops: Pallet stops have pneumatic cylinder design with a rubber bumper stop; stops pause pallets at specific locations in the assembly line to control pallet flow



A Powered End Transfer (above) and Corner Transfer (below) in action

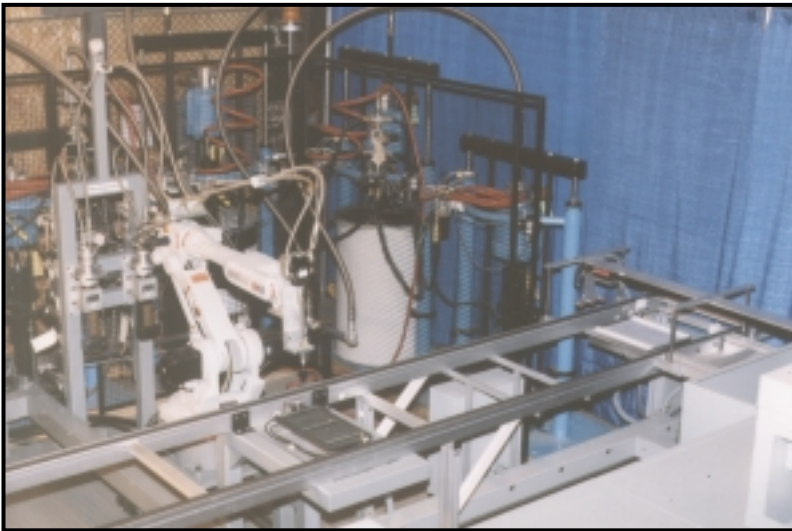


A typical automated assembly system configuration

More About Conveyors

Robotics, Inc. conveyors all include a line controller with PLC (programmable logic control) system control software and DC power supply.

Our conveyor systems are integratable with many automated dispensing products. Conveyors can link gantries, vertical or horizontal curing ovens, inspection stations, or any other stations required in the assembly line. Lift and locate mechanisms accurately lift pallets from conveyors and present them to the equipment that performs the operations at the various stations.



Dispensing stations as part of an automated assembly system: A 5-axis dispensing robot (left) and dispensing and inspection stations (right)

Information

For more information on Conveyor Systems or other products and services, contact a Robotics, Inc. Sales Representative:



Headquarters

2421 Route 9
Ballston Spa, New York 12020
Phone: (518) 899-4211 or (800) 876-2684
Fax: (518) 899-4230
www.Roboticsinc.com

Electrical/Electronic Sales Inquires

Phone: (518) 899-4211 or (800) 876-2684
Fax: (518) 899-4230

Systems & Support

Robotics, Inc. has decades of experience designing and building automated dispensing systems. We provide complete system solutions, including start-up and installation assistance, training, field service support, and complete documentation. We provide both standard systems and custom-designed solutions. Dependent on your specific project considerations, Robotics Inc. staff will design and build a system that is right for you.

Since 1971, Robotics Inc. has designed, built, and supported automated dispensing around the world!