



Connect With Us.



Keep it Smart. Keep it Simple.™

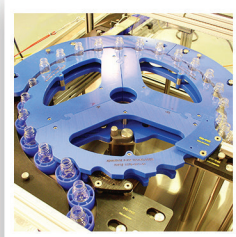


800.294.2003
www.Simplimatic.com

Corporate Office:
1046 W. London Park Drive
Forest, Virginia 24551
United States of America

Custom Pucks & Puck Handling
From Simplimatic Automation

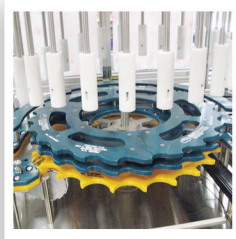
Puck Handling Technologies



Rotary Puck Remover:
Continuous rotary remover automatically separates containers from pucks at speeds of 300 units/min. Product and puck exit on separate discharge conveyor.



Inline Puck Remover:
Continuous inline puck remover automatically separates containers from pucks at speeds of up to 180 units per minute. Easily reconfigured for varying sized product.



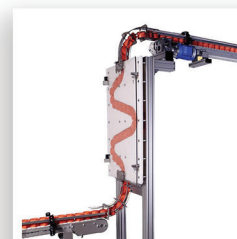
Rotary Puck Inserter:
Product enters the star wheel and is gently inserted into pucks at 300 units/min. Pucked product is then discharged together on a single conveyor.



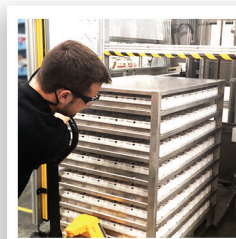
Puck Accumulation Systems:
Constructed from Simplimatic modular conveyor components to meet customer specific requirements. Available in bi-directional, first-in first-out, and spiral configurations.



Side Gripping Elevator:
Empty pucks are securely and gently elevated from an infeed elevation of 36" (91 cm) and discharged at 96" (244 cm). Custom elevations available upon request.



Serpentine Lowerator:
This gravity lowerator gently lowers empty pucks from 96" (244 cm) to 36" (91 cm) via an "S" shaped discharge chute. Custom elevations available upon request.



Puck Magazine Loader/Unloader:
Automatically load or unload pucks utilizing easy-to-manage magazines. Pucks are loaded onto or unloaded from a line at speeds of up to 100 units/min.



Aqueous Puck Washer:
Automatic in-line washer uses hot, high pressure water. Sanitizers and detergents can also be used. Built-in hot water heater, pump, and 250 gal. tank. Cleans 50 Pucks/min.

The Purpose of Pucks

Custom injection molded carriers, commonly referred to as "pucks," provide manufacturers with a way to closely hold and transport unstable products through the many phases of manufacturing, packaging, and assembly. Pucks are most commonly used to stabilize and protect products during manufacturing and standardize guide rail and fill height. Through the use of pucks, companies are able to minimize costly steps during line changeover and can increase throughput, filling accuracy, and overall product quality.

Full Service Integrated Puck Solutions

Simplimatic Automation works in close collaboration with many puck suppliers in order to ensure that each unique product and corresponding puck can be easily integrated with the material handling and automation products Simplimatic provides.

Puck Handling Systems

Simplimatic provides customers with a wide variety of systems; from a single puck handling machine to a fully integrated, turn-key, puck handling line. Off-the-shelf and custom designed systems are offered to solve the complex challenges faced when properly managing pucks in modern manufacturing.

Simplimatic leverages its unique engineering services, material handling systems, robotics, automation systems, and integration services to create a cohesive puck handling solution for companies of all sizes.

Simplimatic's puck handling systems have been designed to perform the precise and repetitive tasks required to insert, separate, accumulate, elevate, lower, and invert pucks. Each system is precisely engineered to provide a comprehensive solution designed to increase throughput and line efficiency.

Puck Service & Support

Simplimatic is committed to building customers for life and has built the framework necessary to ensure that lifetime spares, service, and support are available for all Simplimatic products.



Simplimatic's products and services work together seamlessly to solve the many challenges faced by customers within the manufacturing and packaging process.

