



Automation Devices, Inc.

REGISTERED TO
ISO 9001:2000



PARTS FEEDING SYSTEMS



Founded in 1947 and known as a forefather of vibratory parts feeding and orientation, Automation Devices, Inc. produces some of industry's most durable and highest quality tooled feeding units. Over 57 years of experience in bowl fabrication and tooling contribute to ADI's ability to offer customers a single-source solution to parts feeding and orientation applications. Custom engineering capabilities include: complete part orientation and delivery systems, highly discriminate tooling, part escapements, parts/storage hoppers, linear feeding tracks, parts feeder sound enclosures and custom designed feeder stands.

Hoppers



Hoppers eliminate the problems associated with vibratory bowls being overfilled. They provide a consistent supply of parts as well as reduce the need for frequent operator attention to parts levels in the bowl. The reduced attention requirements allow operators to focus on more productive functions of a production line.

Vibratory Bowls



ADI manufactures a complete line of bowls to accommodate virtually any part that can be fed. Our line of bowls includes a full array of Stainless and Cast Aluminum. Our ability to tool bowls is a direct reflection of our expertise and delivers our customers a quality, reliable product.



Inline/Linear Feeders



Inline feeders are used to convey oriented parts in a linear motion across tracks to another machine or process. The directional vibration enables linear movement to be achieved with ease and prevents the need to apply non-directional vibration at an angle.

Part Escapements



ADI has complete part escapement design and build capabilities in-house. Escapements are used to accurately separate and position parts for pick up or delivery by a robotic arm or pick and place system.

Feeder Stands



Feeder stands ensure all the vibration from the base unit is transferred to the bowl. ADI offers turnkey stands which enable easy integration or installation for an entire parts feeding application.

Base Units



Base units provide the vibration necessary for parts feeder bowls. ADI manufactures more than 10 different models to accommodate a full range of application demands.