

ENGINEERING Starting with extensive consultation, time is taken to understand your current and future needs. We are proud to hold over 20 patents for the automatic loading of specialty food products. Experience and creativity result in loader design that integrates with your equipment for maximum productivity. Technical advancements have made Drake a worldwide industry leader.

MANUFACTURING Core components are produced on state of the art CNC machining and laser cutting equipment by proficient Journeymen Machinists. Certified Welders assemble the equipment using proven metalworking techniques in accordance with American Welding Society Procedures. This foundation, combined with our applied TPS/Lean practices, provides assurance that your loader is built to the highest standards of quality and efficiency.

SALES TEAM Seasoned veterans with years of food equipment experience in the industry cooperatively determine the best loading solutions for your company's applications. Expertise is offered through each step of the process to build the most effective production line.

Our Global Sales Team of agents and representatives around the world are recognized as industry leaders in their respective countries. Please visit our web site at www.drakeloader.com for a complete listing. For sales inquiries please call our Drake corporate office.

Tel: +1 540 569-4368

Fax: +1 540 942-2649

E-mail: sales@drakeloader.com



CUSTOMER SERVICE Comprehensive assistance covering all aspects of installation and equipment care. We provide prompt response all over the world. Our on-site inventory includes numerous commonly used parts. Other items are custom made to order to meet your particular requirements.

Office Hours are 8:00 A.M. to 5 P.M. U.S. East Coast EST/GMT-5
Monday through Friday, except Holidays

Tel: +1 540 569-4368

Fax: +1 540 942-2649

E-mail: parts@drakeloader.com



TECHNICAL SERVICE In touch - with you and for you! There is always an experienced Drake Service Technician on call, 24 hours a day, 7 days a week. Technical service provides complete support through installation, on-going loader care, training, service contracts, and emergency services. Call for personalized care. We provide 24 hour turn around on estimates and scheduling.

Tel: +1 540 569-4352

E-mail: service@drakeloader.com



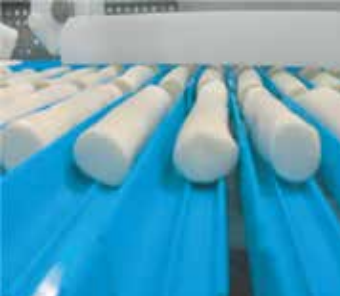
HIGH PERFORMANCE LOADING SYSTEMS
DRAKE[®]
automating the food industry

THE MIDDLEBY CORPORATION
PROCESSING & PACKAGING TECHNOLOGY BRANDS

Drake Autoloading

Align Convey Load

up to 1800 pieces per minute



Globally leading the way in preparation for packaging with the only complete, turnkey system. Drake high performance loaders are custom designed to your product specifications with an alignment unit and loading head. Space, speed, and package requirements are addressed by Drake's innovative engineers to determine the best loading solution combination. Maximum yields are achieved, while maintaining product integrity and aesthetics.

Using patented technology, product is indexed and aligned into individual buckets to convey to the loading head for placement into packaging. Touch screen controls allow the easy addition of new recipes and rapid adjustments to various areas of the loader to accommodate variety. The minimization of human contact and easy cleaning procedures result in state-of-the-art-sanitation.

Alignment Options

Launcher - Quickly load fragile products such as cooked sausages and fresh cheese sticks. Unscrambler belts are used to sort and launch product. Models enable flexible film and box loading. Product diameter range - 14 to 32mm in 1, 2, 3, or 4 lanes.

Singulator - Fragile, curved natural casing product falls onto a narrow V-Belt to be arranged into flights on the conveyor. Primarily used to feed robotic loading heads. Product diameter range - 17 to 44mm in 1 or 2 lanes.

Collator - Frankfurters, sausages, vienna sausages, snack sticks, pickles, corn dogs, and other products fall into flights with the aid of stirrer paddles. Product diameter range - 12 to 32mm in 1 or 2 lanes.

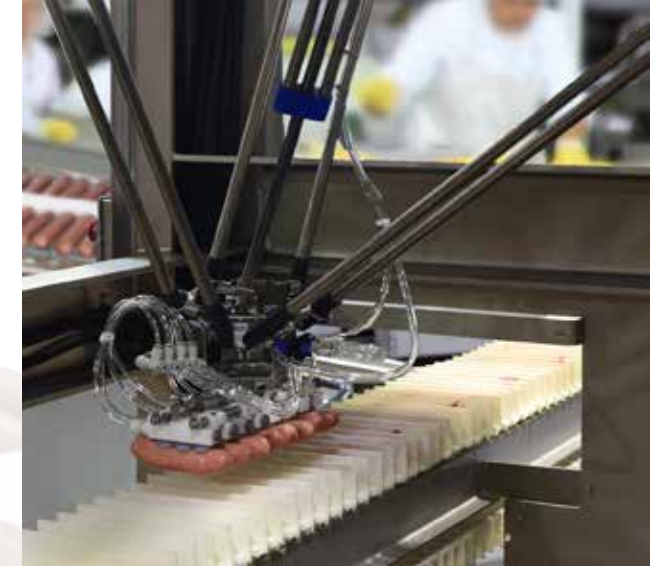
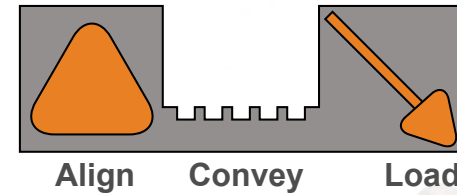
Centrifugal Feeder - A variety of cylindrical product types are collected on a circular disc, mounted on an angle. This rotates at variable speeds to place product into flights. Product diameter range - 15 to 30mm in 1 lane per CF.



Increased Throughput

Easy Operation

Easy Cleaning



Loading Head Options

Mechanical Placement - Versatile loading heads offer quick changeover times to precisely deliver product into a variety of pocket configurations. A CLX or SWP head mechanically places product into packaging dies.

Robotic Placement - Adjusts to the flow of product through one easy-to-operate control platform and touchscreen for the entire system. High speed end of arm tooling gently picks and places into packaging equipment. Drake custom food grade robotics were developed to increase capacity and maneuverability while remaining easy to program and maintain. FANUC Authorized Systems Integrator and Rockwell® Automation Machine Builder Partner.

Solutions for:

Packaging Machines - Drake Loaders are used worldwide with all leading brands of thermoform packaging machines. Flexible or rigid film in both retail and bulk applications.

Trays - Capable of loading into multiple molded foam or plastic configurations.

Boxes - Applications are used for low and high-speed box loading, both with and without polybag inserts.

Cans/Jars - Solutions for loading vienna sausages and other products into cans or jars at speeds up to 400 pieces per minute. Our system is exceptionally productive, reliable, and accurate.

Bags - Multiple bagging stations load product into a wide range of bag sizes up to 1800 pieces per minute.



- Cylindrical Product Alignment
- Conveying Inspection
- Compact, Sanitary Design
- 98% Fill Rate
- Versatile, Easy Touch Screen Controls
- 20+ Patents
- CE, PMMI, AMI & USDA Approved