

## Launcher Style Autoloader

Load up to 600 pieces per minute into packaging pockets with robotic placement.

- Reduce Human Contact - Sanitary conditions improve exponentially
- Firm to Soft product loaded in multiple diameters up to 200mm in length
- Most operator adjustments can be made without tools
- Proven launcher belt design with easy belt tension adjustment
- Optimal sanitary design - open channel frame
- 100% Wash down IP67 certified to be cleaned according industrial methods
- Conforms to all CE requirements



*Robot tracks with moving infeed and positions over product.*



*Robot uses vacuum to pick 8 product pieces at once and moves toward the pocket.*



*As the robot moves toward the pocket, the end effector groups and separates the product pieces prior to placing them in the pocket.*

# DRAKE LAUNCHER STYLE AUTOLOADER

## MODEL LS-600R

Drake's Model LS-600R open channel autoloader features an easy to operate robotic system to place product into packaging.

The high-speed end of arm tooling (EOAT) robot has a 3kg payload. With high-quality surfaces and food-grade lubrication of the robot, the EOAT is ideal to handle soft product such as natural casing and CoEx.

The unit offers the hygienic design benefits of Drake's other launcher style loaders in a compact design ideal for mid-sized packaging lines.

With hygiene and safety in mind, all areas with moving parts of the LS-600R are completely guarded. This launcher uses the same sanitary food belts as our larger models that can easily be removed for cleaning.

The LS-600R loads up to 600 pieces per minute and can handle a variety of products up to 200mm (8 inches) in length, making it ideal for packaging lines operating at 1 to 1.5 tons per hour capacity.

Drake's LS-600R is designed to load both bulk and retail packages. Multiple count and multiple layers are easily and quickly changed from one package size to another.

The Model LS-600R is exceptionally durable. The stainless steel open frame is able to withstand the severe sanitation procedures used in RTE environments. Furthermore, industrial cleaning methods are tolerated by the Fanuc Robot (*image on right*) in accordance with IP69K certification.

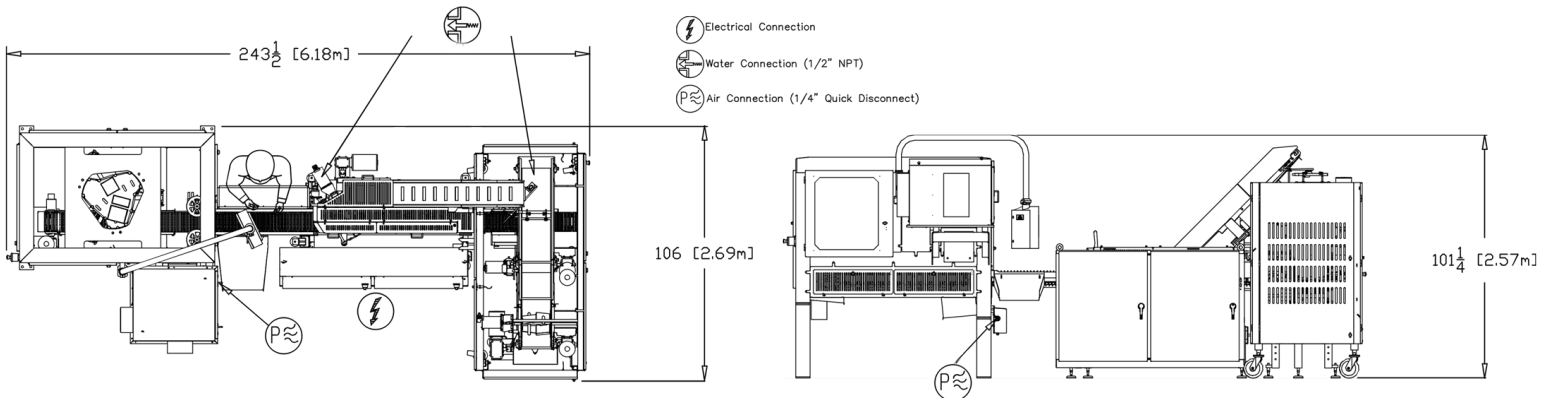
All Drake autoloaders feature touch screen controls, allowing for easy addition of new recipes and rapid adjustment to various areas of the loader.



As with all Drake loaders, only one inspector is required on this machine, minimizing labor requirements on your packaging line.

Technological advances in communication and networking capabilities make the expertise of Drake personnel available to you as needed with the installation of an optional Ethernet communication module and VPN access.

All Drake loaders are proudly made in the USA.



Configuration is 90 degrees. Packaging machine is not shown.

Drake Model LS-600R Loader Utility Specifications		
Voltage	Water (Optional)	Compressed Air
230, 380, or 460 VAC 50 or 60 Hz	5 LPS (8 GPM)	100 LPM (5 CFM)

Contact us for additional information on utility requirements.