

## ROBOTIC PICK AND PLACE

### Top-load case packing

The BluePrint Automation top loader is a versatile Robotic Cells for top-loading of secondary containers such as cases, crates and displayable cartons. The system is designed to offer you the most flexibility and versatility and is ideal for bags, pouches, flow-wraps, thermo-formed containers and a variety of rigid containers such as cartons.

Benefits of this system include:

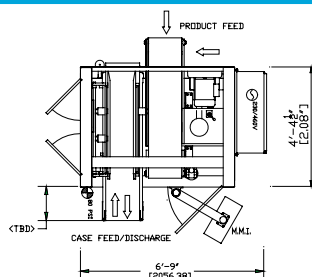
- **Modular:** Choose from a wide variety of collation styles and end-of-arm tooling.
- **Flexibility:** Modular design allows you future reconfiguration for totally different tasks.
- **Programmable:** Robotic motion easily controlled through operator interface.

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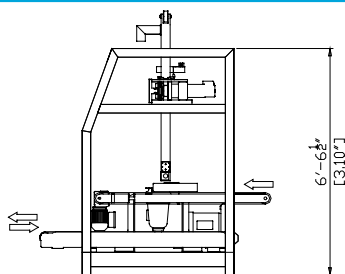
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### Top view



### Side view



## Our company and solutions...

We built our reputation with systems that load bags, pouches and other flexible packages into cases and other secondary containers. Needless to say, if we can handle those tough packages, we can also handle rigid containers. Our robotic solutions give you enormous flexibility and adaptability for the future.

BluePrint Automation offers a large choice of standard and customized product collation modules, as well as a wide variety of end-of-arm tooling. Whether it is a stand-up pouch you want to pack, or an odd shaped cup, a carton or a pillow bag, we can provide you with a cost effective solution based on over 20 years of experience. The robot is fully servo driven and controlled by a state-of-the-art coordinated motion control package. Smooth parabolic paths eliminate sudden acceleration and vibration.

It is a perfect example of simplified mechanical design through application of advanced computer controls.

Standard with Allen Bradley ControlLogix™

## Machine characteristics and specifications:

- **Modular:** A wide variety of collation styles and end-of-arm tooling available
- **Flexible:** Design allows you future reconfiguration for totally different tasks
- **Programmable:** Robotic motion easily controlled through operator interface

### Construction:

Construction Heavy Duty 3"x5" tubular frame construction. Painted carbon steel or stainless.

### Safety:

Fully guarded and interlocked. Power to customer's specifications.

### Bag type:

Bags, pouches, flow-wraps, thermo-formed containers and a variety of rigid containers such as cartons and trays

### Speed:

Up to 100 PPM with single indexing conveyor. Up to 300 PPM with Smart-Trak collation.

### Examples:

Snacks, confectionery, fresh vegetables, salads, shredded cheese, sugar, coffee, nuts, spices, etc.