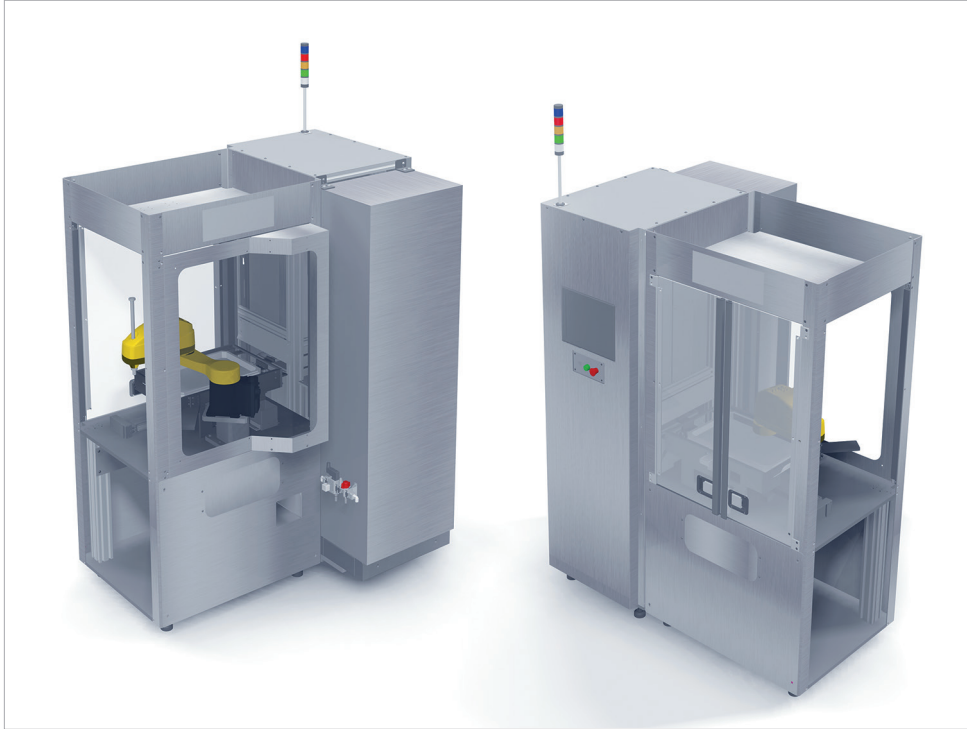


Standard Tray Loader



MACHINE SPECS

Tray Heights	31 mm, 36 mm, 48 mm
Tray Width	365 mm
Tray Length	545 mm
Tray Weight with Product	3 kg
Max Lift Payload	110 kg
Pick and Place Takt Time	3.5 sec

Power Requirements

Pneumatic	4 SCFM @ 80 psi
Electrical	15 A @ 480 VAC, 3-Phase

Rear view (left) and front view (right) of Standard Tray Loader.

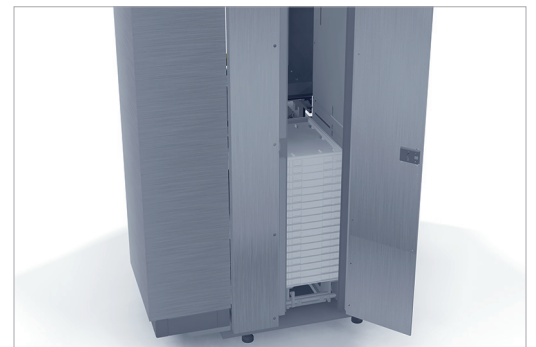
JR Automation's Standard Tray Loader increases production efficiency while keeping parts secure.

Perfect for parts that cannot go through a vibratory feed, the Standard Tray Loader smoothly loads and unloads trays of a standardized size. Its small footprint and adaptable platform allows it to integrate into any size and any type of operation.

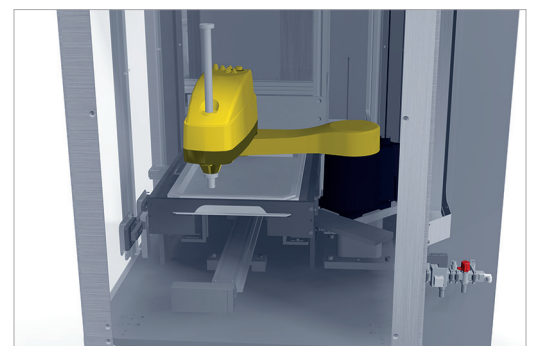
The robotic unload can continue to operate while trays are manually loaded and unloaded by an operator. This boosts productivity and lowers operation costs.

KEY BENEFITS

- Healthcare-industry-grade stainless steel guard system ideal for sterile environments
- Meets Class 10,000/ISO 7 design standards
- Compact design for easy integration
- Adaptable, easily pairs with JR Automation's Rotary Indexer Platform



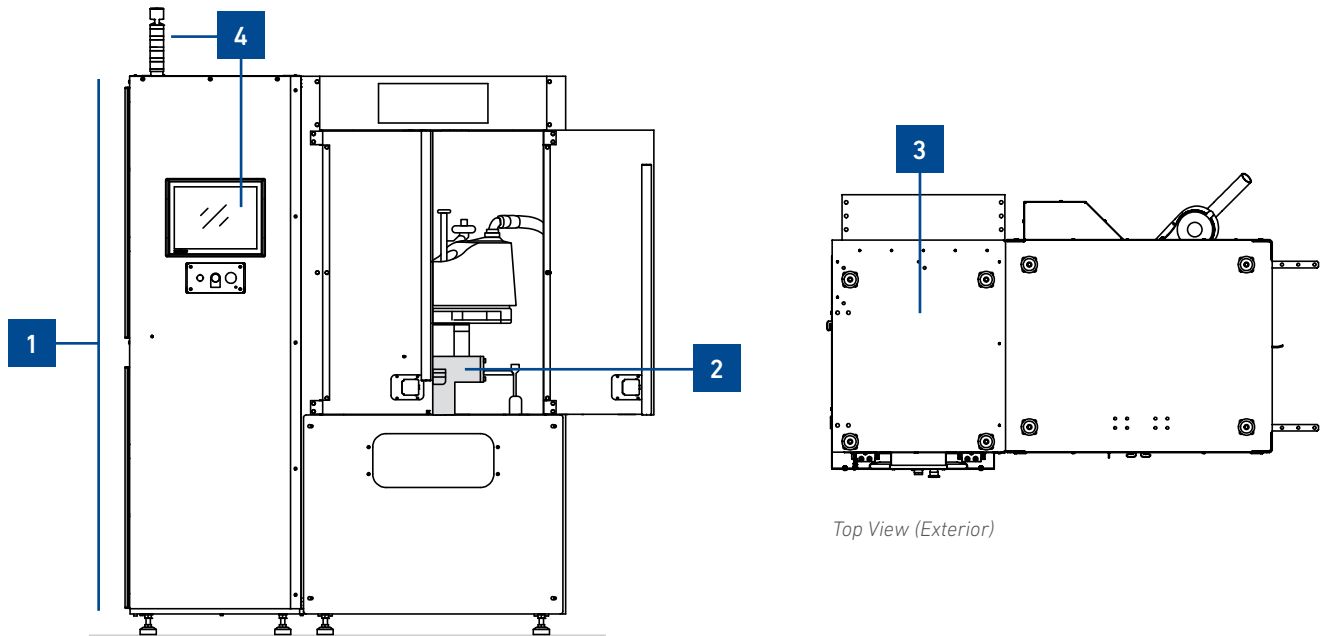
Easy access to trays at the rear of the unit.



Fluid servo motions maximize cycle time and secure parts.

Standard Tray Loader

Components



Front View with One Door Open

Top View (Exterior)

1 Frame

- Minimal machining
- Space for robot controllers, process controllers, and electrical panel

2 Table Top

- Clear anodized aluminum
- No protruding edges or objects
- Reject chute

3 Utilities

- Space for cables and hoses
- Pneumatic shut off unit mounted to electrical panel

4 Interface

- 15" touch screen HMI
- Machine status light tower

Additional Options

- Buffer Dial is available to interface between the tray loader and the next process.
- Buffer Nest is available for use when the tray exchange time is greater than the Buffer Dial capacity, allowing the next process to pick from the Buffer Nest until the tray exchange is complete.

Start building your custom solution today. Email us: solutions@jrautomation.com



JR AUTOMATION™

13365 Tyler Street
Holland, MI 49424

833.800.7630
jrautomation.com

© 2018 JR Automation