



MULTI-LANE SSL

Automatic Slug Loading by Count of Thick, Consistent Product

Benchmark's® Multi-Lane Servo Slug Loader (SSL) delivers precise slug loading by count from multiple lanes of product traveling in the flat. The SSL transfers measured slugs onto a rodded conveyor and deposits them into the flights of an on-edge horizontal wrapper or pre-made bagger at speeds up to 100 slugs per minute. This loader is ideal for high speed slug loading of multiple lanes of product and can be fed with dedicated lanes or random product. The SSL incorporates the latest controls and a sturdy design into a ruggedly dependable machine built for efficient operation. Scheduled maintenance is made easy with minimal moving parts and easy access to key components. The SSL reduces labor cost and minimizes repetitive motion while allowing higher wrapper speeds. ROI is typically under a year.

FEATURES AND BENEFITS

- Efficient, reliable operation
- Hand or automatic feeding
- Intuitive operation
- Maintenance friendly
- Easy to clean
- No painted surfaces
- Short term ROI
- Seam welded tube and bar frame
- Stainless steel wire mesh and Lexan guards for high visibility
- Spring-loaded measuring pins
- Slug length changes from recipe selection

TYPICAL PRODUCT DIMENSIONS

Length: 3'-5"

Height: 0.375"-0.75"

Height: Based on product width

Speed: Up to 100 slugs/minute based on product dimensions and slug count

SPECIFICATIONS

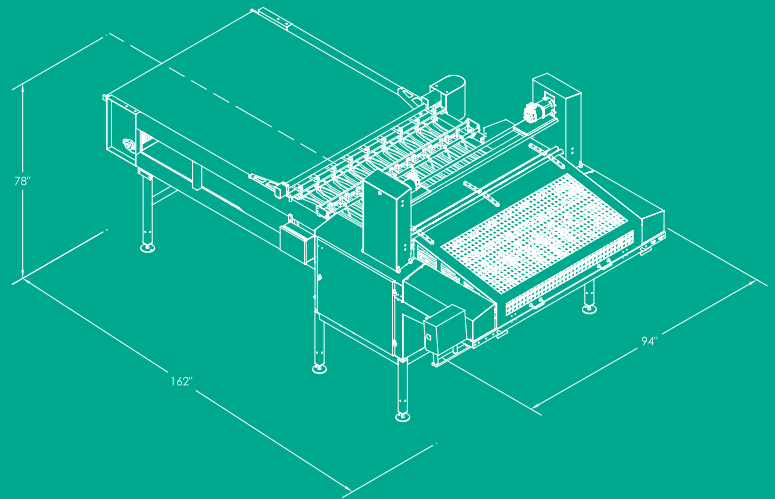
Power: 230V, 3PH, 60HZ, 30A

Controls: Motion control package with SERCOS interface, color touch screen operator interface and independent servomotor drives for main machine functions.

OPTIONS

- Allen Bradley or Rexroth motion control package

CONFIGURATION



CONSTRUCTION

Our rugged design and attention to detail results in long equipment life. Using stainless steel construction throughout, this loader is built to perform year after year. Equipment is designed for USDA applications and capable of withstanding full wash down.

EASY TO OPERATE

A large color touch screen allows operators to select product parameters by recipe, such as slug count. Touch screen provides information on wrapper status, loading status, line rate, and includes extensive diagnostics.

LOW MAINTENANCE DESIGN

The SSL is designed for easy maintenance and sanitation with minimal parts that are easily accessible.

SHORT TERM ROI

The SSL offers high speed slug loading while reducing labor cost and repetitive motion. Low capital cost coupled with minimal installation typically results in a return on investment of under a year.

KEY FEATURES

The Multi-Lane SSL provides reliable operation without product damage. Slug count is controlled using a servo driven product release shaft and a series of servo driven indexing devices.



Product is shingle stacked by count in multiple lanes. Slugs are simultaneously released to the rodded conveyor positioned below.



Spring loaded release shaft self-clears partial products.