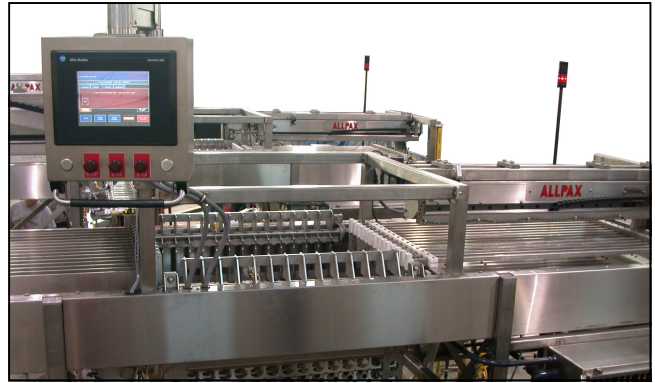


# the **FC**<sup>TM</sup> Series Loader & Unloader

**FRAGILE-CONTAINER HANDLING MACHINERY  
FROM *THE RETORT PEOPLE***



## RETORT ROOM EQUIPMENT

Allpax is a retort manufacturer that also builds a wide range of integrated robotics, including automated material handling machinery and other automated and semi-automated equipment for the retort room. In addition to our full line of automated and semi-automated can, jar, and pouch loaders and unloaders, Allpax now introduces a line of automated machinery to handle fragile containers.

## FRAGILE CONTAINER LOADERS & RACKING SYSTEMS

Consolidating flexible containers for retorting at the high line speeds that are needed for adequate throughput requires a systematic, integrated approach for success. Allpax has developed the advanced racking designs that eliminate column stacking of fragile containers for retorting. We've also developed the automated machinery to consolidate, stage, and move the containers received from the fillers into the racking systems.

The Allpax **FC**<sup>TM</sup> Loader consolidates single-file containers from the high-speed fillers by distributing the containers into a layer-forming zone. When a full layer has been formed, the Allpax **FC**<sup>TM</sup> Loader uses a Pusher-Follower strategy to maintain the pattern while preventing container tipping and shingling.

Layer indexing is accomplished automatically by the machinery, using rapid-lift elevators. Servo drives and other state-of-the-art devices are used for critical-position accuracy of both the containers and the rack layers. As layers are loaded into the racks, the racks are automatically stacked to create a basket-sized-cube of product, ready to be loaded into the retort by the Allpax Shuttle, Air-Drone<sup>TM</sup>, or Ergo-Loader Automated Retort Loader.

## FRAGILE CONTAINER UNLOADERS

The Allpax **FC**<sup>TM</sup> Unloader works in an integrated fashion with the Loader, linked by rack/basket transport conveyors. As a basket/rack of product is unloaded, the empty casings are automatically passed on to the Loader to be loaded with product received from the filler, staged for retorting.

## CONTROLS

Allpax **FC**<sup>TM</sup> Loaders and Unloaders can be ordered with Allen Bradley PLC or VLC (PC-based) controls.

## EQUIPMENT & SYSTEM FEATURES

- 304 Laser-Cut Stainless Frame Construction.
- 304 Stainless / NEMA-4 Operator / ElecPanel.
- Severe-Duty Design and Components..
- Positive Basket & Rack Clamp-Down System for maintaining rack position during operation.
- Rapid Hydraulic Lift positioning using *AllPlace*<sup>TM</sup> Targeted positioning system.
- Pusher/Follower Torque Overloads.
- High Speed Servo Motion Control.
- Color, Touch-Screen Push-Button 15" Operator Interface.
- Available for all dimensions of retort sizes.
- Instant On-Line VPN Support.
- Intralox<sup>TM</sup> conveyor belting.
- Automated Indexing, Basket Infeed/Eject.

## DIMENSIONS

See Reverse Side for General Equipment Layout. Contact Allpax with your specific basket size for exact dimensions.

The **Allpax** Line of Retort Room Equipment  
**RETORTS LOADERS AUTOMATION**  
HIGH TECHNOLOGY - LOW COST

# **ALLPAX**

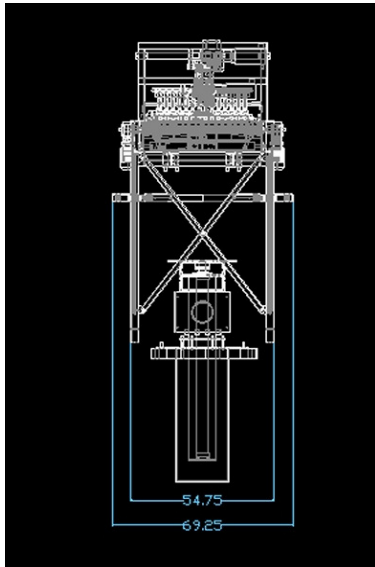
ALLPAX PRODUCTS

13510 SEYMOUR MYERS BLVD., COVINGTON, LA 70433  
985 . 893 . 9277 FAX 985 . 893 . 9477 [www.allpax.com](http://www.allpax.com)

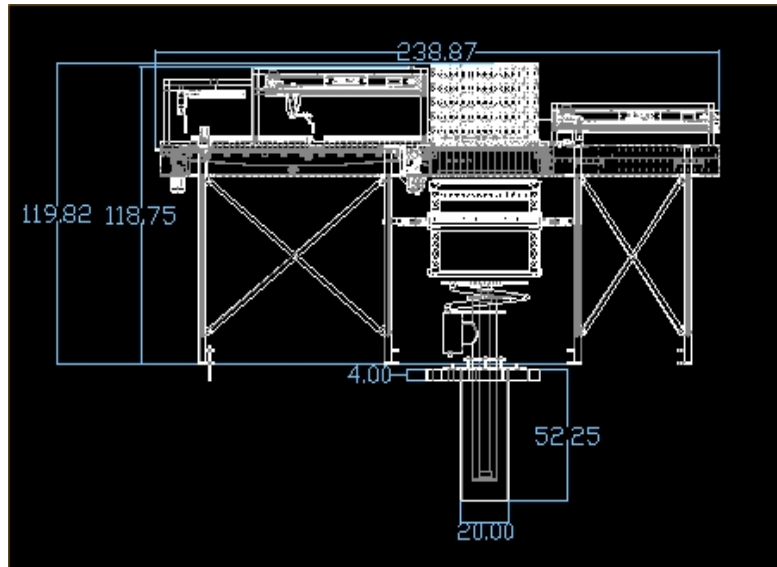
# the **FC**<sup>TM</sup> Series Loader & Unloader

## VIEWS & DIMENSIONS

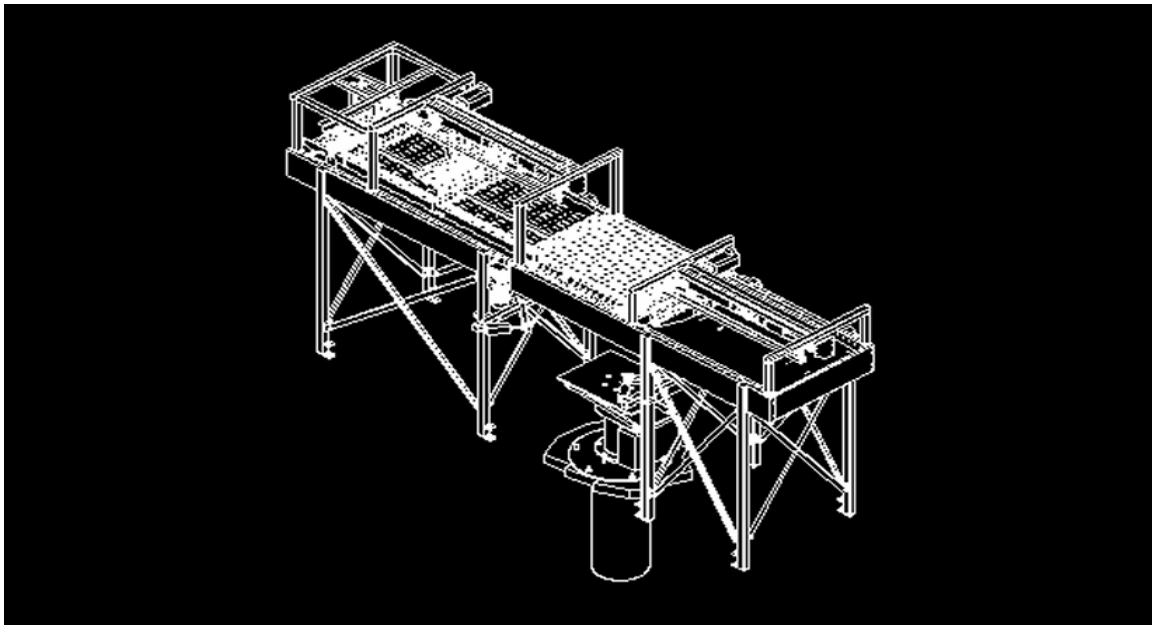
Dimensions shown are for one model only and vary by retort size.



FRONT VIEW



SIDE VIEW



OVERVIEW

The **Allpax** Line of Retort Room Equipment  
**RETORTS LOADERS AUTOMATION**  
HIGH TECHNOLOGY - LOW COST

# **ALLPAX**

ALLPAX PRODUCTS  
13510 SEYMOUR MYERS BLVD., COVINGTON, LA 70433  
985 . 893 . 9277 FAX 985 . 893 . 9477 [www.allpax.com](http://www.allpax.com)