

RELENTLESS-V

Case Form Fill & Sealing Machine with VACUUM GRIPPERS



Complete solution for fully automatic Carton Erecting, product Feeding, Product Manipulation and Configuration, Product Placing and Carton Sealing.

The RELENTLESS-V is comprised of the following machines:

- Case Erecting Machine
- Case Packing Machine
- Case Sealing Machine

SA Case Packing Machine is comprised of the following main components:

- Box (case, carton) conveyor system
- Canister conveyor system
- Loading station
- Manipulator - lifts the canisters and places them inside the boxes

The canisters are arranged at the loading station according to the matrix that suits the box. The manipulator lifts all the canisters in the matrix and places them in the box.



THE MANIPULATOR VACUUM GRIPPERS

8 changeable grippers for 10 types of canisters (grippers can be changed/added according to customer's requirements).

Toolless, super-fast (approx. 1 minute of work) and easiest changeover of the grippers.

The grippers are driven by a FESTO 2-axis servo-driven manipulator that lifts the canisters and puts them into the case.



ENERGY SAVING

The vacuum is created by an energy-saving generator that builds a desired vacuum and maintains it while it is turned off.

As soon as the sensor detects a drop in the vacuum, the generator returns to work until it rebuilds the desired vacuum again.



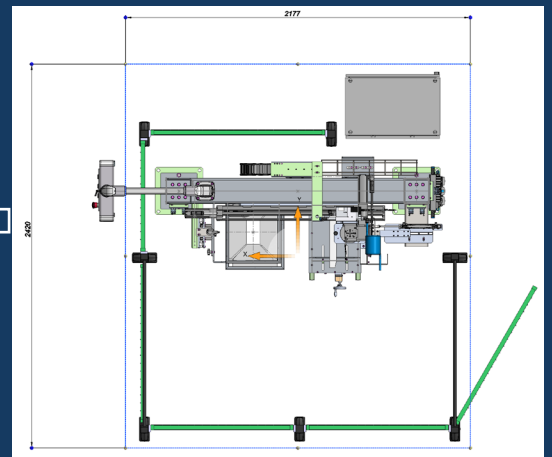
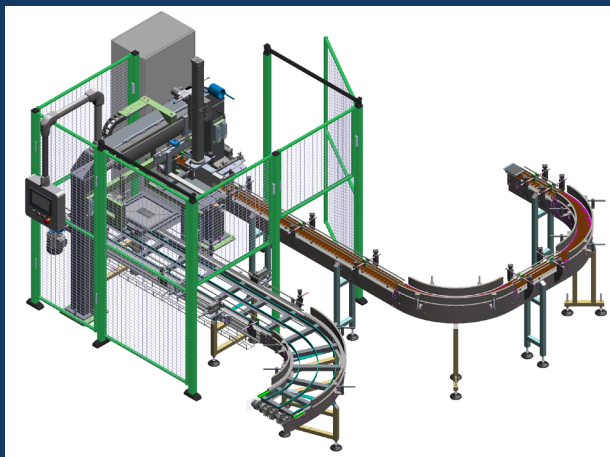
VERSATILE & FLEXIBLE

- The sides of the cases and canisters can be switched.
- The vacuum gripper can be replaced with a mechanical gripper.
- Flexible enough to handle a variety of product shapes and case configurations.



MACHINE BENEFITS

- Industry 4.0-ready
- VACUUM GRIPPER design engineered for a wide variety of canister types
- Ability to handle multiple product types and carton configurations
- Festo (Germany) 2-axis servo-driven manipulator
- SIEMENS PLC and HMI Control
- Tool free and quick changeover time
- Easy, cost-effective maintenance
- Designed for minimum space requirements
- Versatile configuration with an ability to use all or just part of the functions offered
- RELENTLESS does not need to stop for magazine charging



FOR MORE DETAILS – CONTACT US:



sa@shemeshautomation.com



(UK) +44 758 428 1707

(US) +1 920 325 0050

(IL) +972 3 550 9946

(FR) +33 6 1521 0409



www.shemeshautomation.com

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