

BRP SERIES

Automatic bi-column packer and unpacker

The BRP Series automatic packer is a top loading, cyclic motion solution for packing your beverage with fragile containers . Thanks to modular design, this machine is capable of handling wide range of container specifications and materials. Synchronized machine transmission system and reinforced machine structure enabled high degree of stability and reliability to be achieved with low maintenance requirement.

Integration with stepped motor for high torque output and maintaining balanced machine motion throughout the production cycle. Programmable logical controller allows this machine to be integrated easily into existing or new beverage production line. An optimal production capacity of 3000 cases per hour makes the BRP Series packer the ideal solution for your demands in a packaging line.

- Capacity ranging 12CPM to 60CPM
- Suitable for Pet, PP, PE and glass bottles
- Suitable for round, square and rectangular bottles
- Constructed from SUS304 stainless steel and carbon steel
- Suitable for standard plastic crate and carton
- Available from 2 to 8 gripping modules
- Available in packer or unpacker model



MACHINE FEATURES



EASE OF OPERATION

Integrated with colored human machine interface with machine illustration for fast trouble shooting and to facilitate machine operation. Error messages are recorded in the history page for reference.

HIGH ACCURACY

Two high torque output stepped motor and parallel transmission system are there to offer precise and accurate bottle pickup, shifting and loading. The position of pickup and loading can be controlled with high degree of accuracy.

POWER EFFICIENT DRIVE SYSTEM

Integrated with two units of high torque output stepped motor and gear drive system for fast but stable bottle pickup, shifting and loading. Stable and reliable.

BOTTLE TABLE DESIGN

Bottle buffering device are integrated at the inlet of the machine to smoothen the feeding process of incoming bottles. When bottle configuration is different, fast part change can be performed in minimal time.

FAST PART CHANGE

Modular designed bottle gripping module are there to facilitate fast part change and maintenance. A clip-on design concept is used for the locking of bottle gripping module on to the main machine frame. Replacement can be done in minimal time.

YOUR ADVANTAGES



- Patented air gripper for harmless bottle gripping
- Parallel transmission design with stepped motor drive
- Modular bottle gripping module with fast part change
- Suitable for glass and PET bottles
- Collision protection device
- Bottle guiding frame to smoothen the loading process
- Suitable for PET and glass bottles
- Bottle buffering system at the inlet for smooth bottle infeed