

BU5500 Bottle Unscrambler



The bottle unscrambler BU5500 is easy to operate, understand and maintain. When using, operator only need to put the bottle container into the empty bottle storage tank. Bottle elevator will then feed the bottle to the bottle unscrambler. The bottle unscrambler system will automatically organize all bottle into order with orderliness orientation.

Product Advantages

1. Flexible, fast conversion and low maintenance rate
2. There are multiple distributing tracks to unscramble bottles efficiently
3. Large capacity bottle storage tank
4. Changing production bottles is quick do not need tools
5. Save space, and can easily connect with existing equipment
6. Ergonomic design, easy to operate, understand and maintain

Application & Advantage

Suitable for Detergent, Syrups, laundry detergent, dishwashing detergent, baby oil, shower gel, shampoo, hand soap, lotion, lotion, drinking water, beverage, juice, sauce, soy sauce, etc.

Suitable Industries

Pharmaceutical industry, biotechnology industry, food and beverage manufacturing, chemical manufacturing, cosmetics manufacturing.

Features

1. Applicable to all kinds of bottle containers
2. With multiple speed modes, you can choose low speed or high speed

3. The production speed is up to 100 bottles per minute, which meets the general bottle specifications.
4. There are multiple distributing tracks for conveying and unscramble bottles quickly
5. Each bottle unscrambler is customized for you to meet your bottle sizes. When changing different bottle sizes products, you can easily convert by replacing parts
6. It can accurately turn over and organize bottles
7. PLC industrial control system
8. Bottle jam detection system, when the bottle container is full on the conveyor belt, it will automatically pause the bottle feeding.
9. Out of bottle detection system, it will stop automatically when the amount of bottles in the storage tank is insufficient
10. Abnormal detection alarm system to prevent improper operation
11. No need to manually arrange empty bottles on the production line
12. The touch screen can switch between two languages for conveniently operation of the machine
13. Flexible, fast conversion and low maintenance rate
14. Photoelectric sensor and optimized units for smooth operation
15. Provide parameter memory function, which can save and load multiple sets of recipes for changing products
16. The sensor of the outfeed bottle jamming to detects the smoothness of the bottle conveying.
17. Machine frames and outward are made of 304 stainless steel and high standard aluminum alloy for aesthetic and durable
18. Bottle positioning unit
19. The speed of the unscrambler can be adjusted according to the capacity of the subsequent production line machines
20. The bottle unscrambler can operate independently, and can also be connected to the existing automatic filling and packaging line to increase the overall production capacity.
21. In addition, it can be expanded to integrate the air rinsing machine.
22. Advanced design simplifies maintenance procedures
23. Quickly and regularly place the bottles firmly on the conveyor belt for the subsequent production line machines
24. High performance and space saving, very suitable for pharmaceutical and nutrition supplement product and food processing manufacturers.
25. Customizable mechanism to provide the pharmaceutical industry in compliance with CGMP standards

Specification

- Automation level : Full-automatic
- Speed : Max: 120 bottles/per min
- Applicable bottle : HDPE, PET, LDPE
- Applicable bottle style : Bottle height:100mm~300mm ; can be customized
- Power supply : 110 or 220VAC, 50/60Hz, single phase
- Machine Dimensions : (L)2500(W)2500(H)2200mm