

LFU-25C High Speed Bottle Unscrambler



The bulk bottles are loaded into the hopper (A) manually and then fed into the positioning station (B) by the elevator, where the pre-sorting disc and the flexible paddle wheel (C) are located. With the help of the above-mentioned devices, the bottles are oriented and delivered to the moving clamping belt (D). To properly space the bottles, they are transferred to another faster-moving clamping belt (E), which holds and transports the bottles, passing through the bottle inverter and the former. The vertical bottles are transferred to the rear conveyor via the clamping conveyor (F) at the same speed, which prevents the bottles from falling out.

YIELD

The LFU-25C unscrambler is a reliable and high-performance machine, designed in accordance with current and proposed GMPs. Taking up little space due to its compact design, it is effective in maintaining the integrity of a cleanroom environment. Few changeover parts are needed for different bottle sizes (only the pre-sorting disc), and the changeover parts are easy to disassemble and assemble, ensuring quick resizing and reducing changeover downtime.

Technical Parameters

Model	LFU-25C
Max. output	250 bottles/min
Bottle Size Range	Round bottle: Ø25~ Ø98 mm
	Square Bottle: 25~98 mm
	Altura: 45~200 mm
Power Supply	AC 220V, 50~60 Hz
Wattage	2.5 KW
Atmospheric pressure	0.5~0.7MPa
Air Consumption	100 L/min., clean air
Measurement (L×W ×H)	3050 mm×1220 mm×1720 mm
Weight	Aprox. 660 kg