

LFCL-15F Inline Screw-on Capper



The capper LFCL-15F is a reliable, high performance machine, designed in conformance with current and proposed GMPs. Having a small footprint, they are effective in maintaining the integrity of a clean room environment. Few change parts needed for different cap sizes (only the cap slide rail). The machine is designed for maximum efficiency and versatility. It utilizes the latest technology to automatically place and precisely torque a wide spectrum of cap types onto virtually any bottles type.

Working principle

Bulk caps (A) are loaded into the hopper (B) manually or automatically (option), and then lifted and delivered to the inverted cap reject device (E) by the elevator (C). Rejected caps return to the hopper (B) via the recycle chute (D). Accepted caps move along the slide rail (F). At the end of the slide rail (F) the cap is picked off by the conveyed uncapped bottle (G) and adjusted to fit the bottle opening properly by the flexible pressing plate (H). Then the synchronous clamping conveyor (I) holds and carries the bottle, as the caps are screwed tightly by the 3 pairs of screwing wheels (J). Lastly the capped bottles (K) move to the downstream conveyor after being checked by the reject system.

Technical Parameters:

Model	LFCL-15F
Max. output	150 bottles per /min.
Applicable range	Cap dia.: ϕ 15~ ϕ 55 mm
	Cap height: 10~30 mm
	Bottle height: 50~150 mm
	Round Bottle dia.: ϕ 25~ ϕ 90 mm;
	Square Bottle: 25~90 mm
Power supply	AC 220V, 50~60 Hz
Wattage	1.25 KW
Air pressure	0.5~0.7MPa
Air consumption	200 L/min, clean air
Measurement (L×W×H)	Approx. 2160 mm×900 mm×2140 mm
Weight	Approx. 750 k