



Inline Screw-on Capper PCL-15FN



The capper PCL-15FN 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.

Bulk caps are loaded into the hopper manually or automatically (option), and then lifted and delivered to the inverted cap reject device by the elevator. Rejected caps return to the hopper via the recycle chute. Accepted caps move along the slide rail. At the end of the slide rail the cap is picked off by the conveyed uncapped bottle and adjusted to fit the bottle opening properly by the flexible pressing plate. Then the synchronous clamping conveyor holds and carries the bottle, as the caps are screwed tightly by the 4 pairs of screwing wheels. Lastly the capped bottles move to the downstream conveyor after being checked by the reject system.

Technical parameters

| Item | Specification | Remark |
|-----------------------|--|----------------------------------|
| Max. output | 150 bottles per min. | Dependant on cap size and shape. |
| Applicable range | Cap dia.: $\phi 25 \sim \phi 55$ mm | |
| | Cap height: 10~30 mm | |
| | Bottle height: 50~150 mm | |
| | Round Bottle dia.: $\phi 25 \sim \phi 90$ mm; Square Bottle: 25~90 mm | |
| Power supply | AC 220V, 50~60 Hz | |
| Wattage | 1.0KW | |
| Air pressure | 0.5~0.7MPa | |
| Air consumption | 200 L/min, clean air | |
| Measurement (L×W×H) | Approx. 2700 mm×1300 mm×2150 mm | |
| Weight | Approx. 750 kg | |