



KGL High Speed Capping Machine



KGL10 is a high speed capping machine, which our company has developed based on the former 8-head model through referring similar model in domestic market. It is suitable for the capping of round glass bottle and plastic bottles. It is used in pharmaceutical industry, light industry and chemical industry.

Working Principle

This machine consists of turntable, conveyor, star wheel, aluminum cap oscillator and its track, bottle holder, single knife 10 head capping head, bottle outlet track and electric control system. It utilizes the positioning and the rotating of bottle holder and capping knife roller to conduct the capping process.

The bottles comes through turntable, conveyor and the screw conveyor to feed, then to the bottle holder and capping knife roller to be positioned. Then, by the force of the gear, the capping head will push the lower edge of the cap so that the bottle is sealed. finally, the bottles will be pushed out one by one.

Characteristic

- Built-in turn table, running is stable. Qualified capping ratio is high and the adjusting of the capping head is easy.
- Bottle feeding, capping and bottle out is done automatically, can be used as single machine.
- Simple structure and appearance; easy operation, maintenance and cleaning.
- Falling bottle auto rejected in the turntable, machine alarms when bottle falls in the track; no bottle, no cap-adding; machine auto stops when insufficient cap.
- Speed is adjusted by inverter.
- Easy to change the change part, aluminum cap oscillator and capping head can be operated by hand wheel.

- Optional acrylic glass hood.

Technical Parameter

Model	KGL-10	KGL-1
Suitable vial specification	2-30ml	2-250ml
Production capacity(pcs/min)	7ml. 320-350	7ml. 100-120
Broken ratio	≤0.5%	≤0.1%
Capping ratio	≥99.5%	≥99.9%
Source	220V/50Hz	380V/50Hz
Power(Kw)	1.5	1.2
Single noise(dB)	≤70	≤70
Weight(kg)	400	300
Overall dimension(mm)	1540*1250*1520	1520*900*1400