

LC Series Bottle Tilting Conveyor



LC Series bottle tilting conveyor is designed for the sterilization of bottles after hot filling. During the sterilization process, individual bottle is turned to a specific angle and allowing product to be shifted inside the bottle. Since product liquid is filled at high temperature, the residual heat is used to sterilize the inner side of cap under hygienic condition. The inner surface of bottle is completely macerated via product liquid during this treatment and high standard of food hygiene is achieved.

Your benefits:

- Modular design to accommodate different line scale
- Harmless container handling
- Effective bottle sterilization
- Ease of maintenance

Operation method:

Individual bottle enters the tilting conveyor firstly via top chain conveyor and supported by patented rubber belt. Bottles are supported firmly and harmlessly in between rubber blocks and rotated to a specific angle during convection. Bottles will remain tilted for a targeting during before returned to normal position. Once bottle sterilization is completed, it will be discharged to the outlet mechanical conveyor for further process.

Facts and figures:

- Production capacity: Line scale depended
- Applicable container: Round, square and rectangular shape
- Applicable volume: 330ml to 2000ml
- Construction material: SUS304 stainless steel and engineering rubber

Additional equipments:

- Dust proof cover