

FCB Series Monobloc



The FBC Series monobloc is a twin module, high flexible and reliable solution for producing your demands of non-carbonated beverages in large PET containers. With the FBC Series monobloc we are able to offer you modern, PLC controlled filling technology for your product with compact machine design. With very short conversion time for parts and bottle change over, FAC Series monobloc ensures you with minimal machine downtime and high degree of availability. This machine can be coupled with monobloc rinse to form a strong defense line to fight against issues like food hygiene and micro biological safety. Containers are supported via base supporters and modular star wheels throughout the production phase, hence optimal machine stability is achieved. A maximum output of 200 bottles per minute allows this machine to offer flexible solutions for your beverages line whether the machine is operating as single monobloc or integrated with any other existing machines from other machine manufactures.

Your benefit:

- Easy of maintenance with suspended transmission system
- User-friendly control thanks to integrated human machine interface
- Compact design for optimal space utilization
- High safety standard due to all the integrated safety devices
- High stability thanks to container supporting devices throughout

Method of operation:

Initially, empty containers enter the machine via top chain conveyor then transferred within the machine via modular star wheels. Containers are filled via patented filling nozzles in the filling modular while being supported by bottle side supporters for stable filling. Filled containers are then transferred again to the capping module, where plastic caps are applied firmly to the container. Capped containers are then discharged to end of line via discharge star wheel.

Facts and figures:

- Production capability: 200 bottles/minutes
- Application containers: PET, PP, HDPE and PE containers
- Application container type: round, square and rectangular shapes
- Applicable beverages: mineral water
- Application volume: 3 to 7 liters (design dependent)
- Construction material: SUS304 and SUS306 Stainless steel

Additional Equipments:

- R Series Rinser
- HEPA system