

SMA SERIES

Automatic filling monobloc for energy drinks

SMA Series Monobloc is designed for filling energy drinks and medical standard fluid in small glass containers. Its compact and stainless inclined machine table top design enabled high standard of food and micro biological safety to be achieved.

Containers are transferred between individual processing modules via starwheels with optimal stability and smoothness. Small pitched design allowed this machine to occupy up to 30% less space than the previous model. If you are looking for a solution to meet your demands of hygienic filling and small space requirement, this machine is definitely the first choice.

- Capacity ranging 60BPM to 400BPM
- Constructed from SUS304 and SUS316 stainless steel
- Suitable for glass bottle
- Suitable for ROPP caps
- Integrated with Cap feeder, HEPA system, steam extraction device
- Suitable for energy drink and medical fluids



MACHINE FEATURES

SMALL MACHINE FOOTPRINT

In comparison with conventional machine, the machine footprint is reduced by at least 50%. Minimizing the cost of cleanroom construction. Minimizing the hygienic control zone.

GREATER ENERGY SAVING

Redesign of all machine parts, less weights without compensate for rigidity. Less machine load results less power consummation. Power consumption is reduced by at least 30%.



INCLINED TABLE TOP

Based on the hygienic design concept EHEDG, integrated with inclined machine table top design with inclined angle greater than 2 degree. Minimizing the risk of Residual products and cleaning agent. Facilitate machine cleaning.

CIP/SIP CLEANABLE

Fully CIP/SIP cleanable machine design with both positive and negative CIP process. When SIP sterilization process is required, machine parts are designed to meet 121 degree Celsius steam sterilization for 10 minutes.

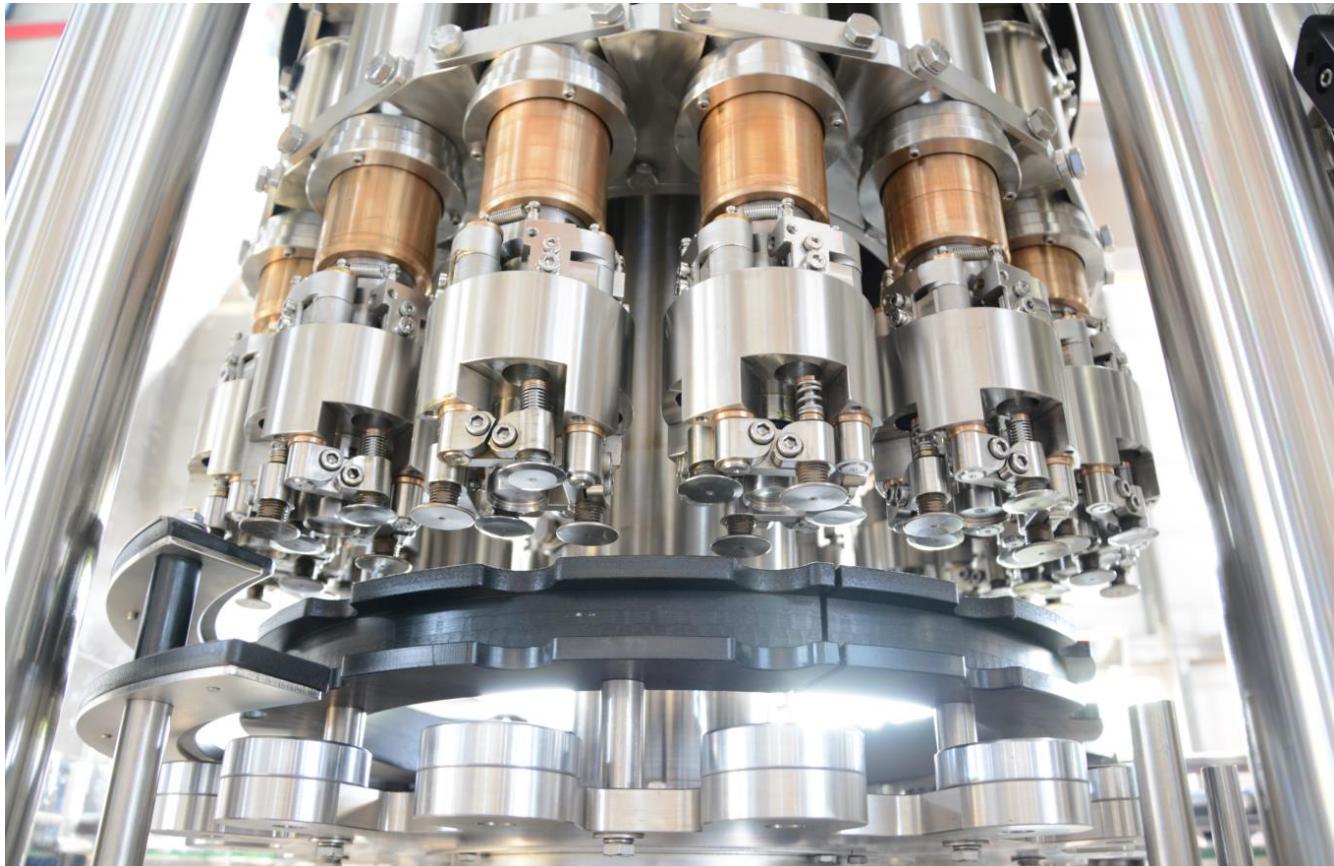
HIGH CAPACITY

Patented gravity filling with circulation technology is integrated for fast product filling with high precision. Only 30 filling nozzles are required to achieve 400BPM (60ml) of production capacity. Required machine parts are minimized. Risk of contamination is minimized.

YOUR ADVANTAGES



- Compact machine design, 30% less space requirement than the previous model
- Modular design for fast part change
- Inclined SUS304 stainless steel table top design for optimal food and micro biological safety
- Can be integrated with HEPA system
- Integrated with human machine interface
- Reliable bottle rinsing and capping
- Minimal product return rate of approximately 3 to 5%
- Automatic height adjustment to suit different bottle
- 20% less power consumption than the previous model



- Modular capping module
- Fast part change design concept
- EHEDG and FIRDI certified filling nozzle
- Support both positive and negative CIP
- Small pitch design to minimize the cost of cleaning room construction
- Composite material water distribution disk for container rinsing
- Up to 2 stages of product container rinsing