

## MT-TXG Series Barreled Water Filling Line

Martin TXG series barreled water filling line is mainly used to produce bottled water with volume from 3 gallon to 5 gallon each bottle. The production capacity varies from 100 to 2000 B/H.



The whole production process operates as follows:

- 1) Empty barrel are conveyed stably by conveying belt into the de-capping machine, which will remove bottle caps. Those caps can be recycled after being cleaned and disinfected.
- 2) The barrels are conveyed into the external brush washing machine to take all-round rinsing with hot alkali and pure water.
- 3) The barrels will be sent to the rinsing filling capping machine after rinsing, where bottles are rinsed inside with hot alkali, disinfectant liquid and pure water
- 4) The barrels are filled with pure water provided by water treatment system.
- 5) After capping, the barreled water is sent to the shrink packing machine for the shrinking package.

The whole production process is controlled by PLC, the whole barreled water production line is fully automatic. Users can monitor the working conditions of each machine section and operate conveniently from the control panel.



## TXG Series Rinsing, Filling, Capping Machine

Martin TXG series barrel filling machine is a 3-in-1 unit water filling machinery for manufacturing drinking water as pure water, mineral water and others. The machine adopts many new technologies, systems are featured with the pneumatic drive, fully enclosed pressure filling method, and liquid surface detection, etc. The PLC system is utilized to control the operation and detection so that the barrel filling machine is more sanitary, safer and more stable.

Martin TXG series barrel filling machine integrates automatic bottle washing, filling, gland and capping into one. The adoption of enclosed operation during the whole production process not only ensures the whole rinsing filling process meets relevant standards and regulations of the state health departments, but also effectively protects potable drinking water from secondary contamination when filling.

Made of highly qualified stainless steel, the rinsing filling capping equipment has a novel design, convenient operation and high positioning accuracy. It is the ideal machinery for producing 3/ 5 gallon potable water. In addition, automatic decapper, automatic leakage checker, automatic capper and thermal shrinking machine are provided with regards to customers' needs.



**System Features:**

1. The TXG barrel filling machine integrates rinsing, filling and capping into one unit.
2. The adoption of highly qualified stainless steel makes the barrel water filling machine easy to clean and with highly corrosion resistance. The machine is featured with alkali liquid rinsing, disinfectant liquid cleaning and pure water cleaning for a better cleaning effect.
3. The main electrical components of this rinsing filling capping equipment are with SIEMENS or Mitsubishi brand..
4. Most of the pneumatic elements are imported products.
5. The inner and outer nozzles of the rinsing barrel are manufactured by adopting American spray company technology.
6. The TXG equipment is designed and made as a compact structure, high efficiency, stable performance and a high automation control.

Model	TXG-100	TXG-150	TXG-300	TXG-450	TXG-600	TXG-900	TXG-1200	TXG-1500	TXG-2000
Capacity (5gallon/bottles)	100BPH	150BPH	300BPH	450BPH	600BPH	900BPH	1200BPH	1500BPH	2000BPH
Working Position	3	5	7	9	11	13	15	17	21
Filling heads	1	1	2	3	4	8	10	12	15
Capping heads	1	1	1	1	1	1	1	1	1
Suitable bottle	PET,PP, PC bottle								
Bottle Size	Φ265-273mm								
Height of bottle	150-360mm								
Suitable cap	Plastic thread cap								
Weight	450Kg	500 Kg	2500 Kg	3000 Kg	3500 Kg	7000 Kg	8000Kg	8500Kg	9500kg
Main motor power	1.41Kw	1.5 Kw	6 Kw	30 Kw	32 Kw	35 Kw	40 Kw	45 Kw	52Kw