

## *Gas Water 3in1 Filling Machine HYGf-series*



This machine is used to produce all kinds of carbonated drink contained in PET bottle. Washing, filling, and capping can be carried out on this machine. This machine has the following characteristics: scientific and reasonable design, beautiful appearance, complete function, convenient maintenance, and high automation

- 1) The suspending bottle-necks cramping design makes the whole production line more stable during the working process and it also avoids malfunctions caused by the differences of thickness and height of the bottle. This design also dramatically reduces the required number of changeable parts, makes it more convenient to change the types of bottles.
- 2) The advanced technologies from Germany and Italy are introduced. Isobaric filling technology is used in this machine. Filling is quick and the amount of the liquid can be controlled accurately. Also, the beverage-holding tank is fully-closed.
- 3) Magnetic torque is used for screw capping, and the power of screw capping can be adjusted steplessly. It can use constant power to screw the plastic caps and will not damage the caps.
- 4) Horizontal swirl wind-power cap-managing device is used to avoid damaging the surface of the cap. And when there is shortage of caps in the caps storage tank, caps will be fed automatically.
- 5) Human-machine interface touch-screen is adopted in this machine. The liquid level in the tank can be controlled automatically. The filling and capping will stop automatically when there is no bottle.
- 6) All parts that have direct contact with the beverages are made of high quality stainless steel. And the main electrical components are from famous international companies.

**Specification:**

<b>Model</b>	<b>HYGF8-8-3</b>	<b>HYGF12-12-5</b>	<b>HYGF18-18-6</b>	<b>HYGF24-24-8</b>
Head of washing,filling,sealing	08.08.2003	12.12.2005	18-18-6	24-24-8
Production capacity(500ml/bottle per h)	2000	3000	5000	8000
Suitable bottle size	H=170~320mm $\varphi$ =50~100mm (Volum:330-2500ml)			
Spraying pressure(Mpa)	0.25~0.3	0.25~0.3	0.25~0.3	0.25~0.3
Power Supply(KW)	2.2	2.2	3.5	3.8
Dimension(m)	2.1*1.5*2.3	2.3*1.7*2.7	2.5*1.8*2.7	3.1*2.1*2.7
Weight(Kg)	2000	2600	3500	4650

<b>Model</b>	<b>HYGF32-32-10</b>	<b>HYGF40-40-10</b>	<b>HYGF50-50-12</b>
Head of washing,filling,sealing	32-32-10	40-40-10	50-50-12
Production capacity(500ml/bottle per h)	12000	15000	18000
Suitable bottle size	H=170~320mm $\varphi$ =50~100mm (Volum:330-2500ml)		
Spraying pressure(Mpa)	0.25~0.3	0.25~0.3	0.25~0.3
Power Supply(KW)	5.5	7.5	12
Dimension(m)	3.8*2.8*2.7	4.0*3.3*3.4	4.9*3.7*3.3
Weight(Kg)	6800	8500	12500