

## Water Bottle Blow Molding Machine FG-4/6/8



SMART series of blowing machine fills the gaps in field of domestic high-speed linear blowing machine currently. It has our own intellectual property rights, and has obtained more than 13 national patents. This machine is equipped with automatic perform loading and bottle unloading system. It is applicable for all shapes of drinking water bottles, carbonated bottles and hot filling bottles. FG4 is composed of three modules: preform elevator, preform unscrambler and host machine.

Type		FG4	FG6	FG8	
Bottle specification	Mold number(piece)	4	6	8	
	Max capacity(BPH)	6500-8000	9000-10000	12000-13000	
	Max volume(mL)	2000	2000	750	
	Max height(mm)	328	328	290	
	round bottle max diameter(mm)	105	195	75	
	Square bottle max diagonal(mm)	115	115	76	
Preform specification	Suitable inner bottle neck (mm)	20-25	20-25	20-25	
	Max perform length(mm)	150	150	150	
Electricity	Total installation power(KW)	51	51	97	
	Heating oven total power(KW)	46	46	92	
	Heating oven real power(KW)	25	30	45	
	Voltage/Frequency(V/Hz)	380(50Hz)	380(50Hz)	380(50Hz)	
	Allowed voltage fluctuation range	±10%	±10%	±10%	
Compressed air	Pressure (bar)	30	30	30	
	Air consumption(m3/min)	4	6	8	
Cooling water	Mold water	Pressure (bar)	4-6	4-6	4-6
		Temperature regulation range	6-13	6-13	6-13

		Flow rate(L/min)	45	45	45
	Oven water	Pressure (bar)	4-6	4-6	4-6
		Temperature regulation range	6-13	6-13	6-13
		Flow rate(L/min)	22	22	22
Machine specification	Machine dimension(m)(L*W*H)		3.3*1*2.3	4.3*1*2.3	4.8*1*2.3
	Machine weight(Kg)		3500	4000	4500