



Carbonated Drink Filling Machine TPP-DG4



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The carbonated drink filling machine filling system consists of a liquid cylinder mechanism, a liquid inlet mechanism, a lifting mechanism, a filling valve mechanism, and a switch valve mechanism.

The gas-containing beverage enters the feed pipe through the soda water mixer. If the beverage in the cylinder is already below the minimum liquid level, the liquid inlet solenoid valve will open and the beverage enters the liquid cylinder. When it reaches the uppermost line of the liquid level, the valve closes.

There is a certain pressure in the cylinder when the gas-containing beverage is filled, generally 0.2-0.4MPa. Here you can choose according to the type of beverage and the customer's requirements, but the pressure in the cylinder must be lower than the pressure in the mixer, otherwise Drinks cannot reach the filling tank. The pressurized gas must be introduced into the cylinder to ensure the constant pressure in the cylinder. This pressure can be adjusted by the inlet pressure regulating valve.

Technical Parameters:

Device model	TPP-DG4
Filling station	4
Filling range	0.25-2.5L
	250-2500ml
Yield	1000 bottles/hour 500ml
Dimensions	1360×700×1800
Filling temperature	2-7°C
Adapt to bottle diameter	50-110
Adapt to bottle height	140-350
Filling pressure	0.3-0.6Mpa
Weight	About 400Kg