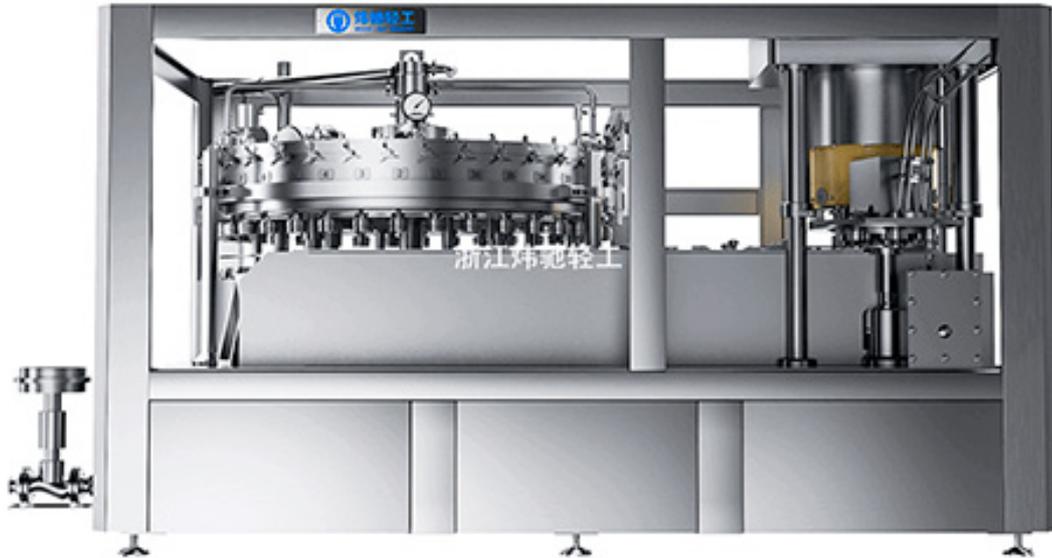




## ***DGD-series Carbonated Beverage and Beer Can Filling & Seaming Monoblock***



This machine is designed for filling beer and other carbonated beverages into aluminum or tinplate cans, followed by seaming. The system is divided into two main stations: filling and seaming. It adopts an isobaric filling method, with precise liquid level control based on the constant-level filling principle, ensuring filling accuracy and product consistency.

To minimize CO<sub>2</sub> loss and maintain beverage quality, the filling process is typically performed at a low temperature of 4°C.

This series is available with filling head configurations of 12, 24, 36, 48, and 60, and seaming head options of 4, 6, or 8, supporting production speeds ranging from 80 to 500 cans per minute, making it suitable for medium to high-capacity production lines.

### **Features**

#### **1. Double Exhaust Structure in the Filling Machine**

The filling system incorporates a double exhaust mechanism to effectively reduce oxygen content inside the can, helping to extend the product's shelf life.

#### **2. Dual-Axis Seaming Structure**

The seamer features a dual-axis design that enables independent adjustment and control of the feed amounts for the first and second-stage rollers, ensuring precise and stable seaming performance.

#### **3. Heavy-Duty Central Spindle Bearing**

The central spindle is equipped with a robust heavy-duty bearing, with critical high-load points utilizing imported bearings for enhanced durability and long-term stability.

#### 4. Precision-Ground Gears

The gears of the seaming head and other essential components undergo precision grinding, which extends the machine's service life and reduces operational noise.

#### 5. High-Quality Components

Built with premium components including a Siemens PLC, touchscreen interface, Delta inverter, Airtac solenoid valve, and Omron proximity switch, ensuring high reliability and performance.

#### 6. User-Friendly Operation

Production speed can be easily adjusted via the touchscreen, and the system includes automatic alarms for PLC faults, enabling safe and efficient operation.

### Product Specification:

Model	DGD1201	DGD1204	DGD2404
Seaming Stations	1	4	4
Filling Stations	12	12	24
Cans Per Hour	1500 - 2700	3000 - 6000	6000 - 12000
Cans Per Minute	25 - 45	50 - 100	100 - 200
Can Diameter	Φ52.5-65.3mm	Φ52.5-65.3mm	Φ52.5-65.3mm
Can Height	122 - 160mm	122 - 160mm	122 - 160mm
Power	4.0kW	5.5kW	7.5kW
Weight	4000kg	4300kg	6000kg
Dimension	3300×1670×2100mm	2700×1700×2100mm	3360×2150×2100mm

A--Beer Filling Valve, B-Carbonated Beverage Filling Valve

Model	DGD2404A	DGD2404B	DGD3606A
Seaming Stations	4	4	6
Filling Stations	24	24	36
Cans Per Hour	6000 - 12000	6000 - 15000	6000 - 18000
Cans Per Minute	100 - 200	100 - 200	100 - 300
Can Diameter	Φ52.5-65.3mm	Φ52.5-65.3mm	Φ52.5-65.3mm
Can Height	122 - 160mm	122 - 160mm	122 - 160mm
Power	7.5kW	7.5kW	7.5kW
Weight	6000kg	6000kg	6900kg
Dimension	3360×2150×2100mm	3360×2150×2100mm	3300×2350×2100mm

A--Beer Filling Valve, B-Carbonated Beverage Filling Valve

Model	DGD3606B	DGD4808A	DGD4808B
Seaming Stations	6	8	8
Filling Stations	36	48	48
Cans Per Hour	6000 - 18000	12000 - 24000	12000 - 24000
Cans Per Minute	100 - 300	200 - 400	200 - 400
Can Diameter	Φ52.5-65.3mm	Φ52.5-65.5mm	Φ52.5-65.5mm
Can Height	122 - 160mm	122 - 160mm	122 - 160mm
Power	7.5kW	11kW	11kW
Weight	6900kg	8300kg	8300kg
Dimension	3300×2350×2100mm	3800×2450×2100mm	3800×2450×2100mm

A--Beer Filling Valve, B-Carbonated Beverage Filling Valve