Blow Molding Machine for Plastic Containers

This blow molding machine is designed for manufacturing plastic containers from 0.3-5L. It is suitable for edible oil bottles, single/double color lubricants and cosmetics, and multi-layer pesticide and food containers.

Overview

High-Speed Container Production

The DKW-10T is a versatile double-station blow molding machine designed for high-speed production of plastic containers ranging from 2ml to 12L. It supports co-extrusion for 1 to 6 layers, making it ideal for specialized applications like edible oil bottles, multi-layer pesticide containers, and cosmetics packaging. With a daily output capacity of up to 86,000 units, it offers a high-efficiency solution for B2B manufacturers seeking consistent bottle quality and low investment costs.

Key Performance Metrics

Daily Production Capacity

12000 pcs	86000 pcs
Min Daily Output	Max Daily Output

Technical Capabilities

Container Volume Range	2ml - 12L
Compatible Materials	PE, PP, PETG, PVC, PS, PC, TPU, ABS, PA, EVA, Nylon
Layer Configuration	1-6 Layers (Co-Extrusion)

Machine Configuration

Control System

- HMI Touch Screen
- PLC System (Siemens/B&R Optional)
- ABB Servo Motor Control
- Remote troubleshooting function

Die Center Distances

Configuration	Distance (mm)
Double Head	180
Three Heads	120
Four Heads	100
Six Heads	60

Clamping System Options	Toggle, 3 Tie Bar, 4 Tie Bar, Horizontal Operated

Applications

Example of multi-colored and multi-layered plastic containers produced for the automotive and lubricant industries.

Typical Applications

- Edible oil bottles
- Lubricant containers (Single/Double color)
- Cosmetic packaging (Multi-layer)
- Pesticide bottles (3-5 layers)
- Automotive and motor oil bottles

Advanced Features

Integrated Functions

View Stripe • In-Mold Labeling (IML) • Auto Deflashing • Auto Recycling • Auto Material Feeder

Drive Model	Hybrid servo motor drive / High performance hydraulic power saving system