

SIMPLE • INNOVATIVE
ONE STAGE
INJECTION STRETCH
BLOW MOLDING MACHINE

Unique Bottle Technology

BT-S Series



BLOWTECH

Blowplas Technology Co Ltd

Unique Bottle Technology

BT-S Series ONE STAGE INJECTION

Outstanding Features

Simplification: Simple mechanical structure for dependable long-term use.

Economical: Minimized mold parts leading to more economic tooling costs.

Flexible: Perfect for diversified and low volume orders of cosmetics, shampoo and pharmaceutical containers.

Unique: Multi-national patented process suitable for most thermoplastic applications.



STRETCH BLOW MOLDING MACHINE

User Friendly: Fully computerized touch screen provides user-friendly operation interface.

Energy Efficient: In-mold preconditioning, no extra heaters required.

Standardized: Standard air/hydraulic parts are widely available.

Technical Support: Providing know-how and service from tooling design to final product.



■ Specifications of Product

Model	BT-3S				BT-4S		
Cavity Number	2	4	6	8	4	6	8
Product Size, ml	<2000	<500	<200	<50	<1500	<400	<200
Max. Neck Dia., mm	<38	<28	<25	<15	<38	<32	<25
Max. Body Dia., mm	<110	<70	<45	<33	<100	<62	<45
Max. Height, mm	300				300		

* a) Specifications are subject to change without notice.

* b) Please feel free to contact us for special requirements.

■ Specification

Model	Unit	BT-3S	BT-4S
INJECTION PART			
SCREW DIAMETER	mm	28	45
THEORETIC INJECTION VOLUME	cm ³	86	223
PLASTICIZING CAPACITY (PET)	Kg/hr	25	64
SCREW ROTATION SPEED	r.p.m.	0~100	
CLAMPING FORCE	ton	40	60
OPENING STROKE	mm	300	
BLOWING PART			
BLOW MOLD CLAMPING FORCE	ton	20	30
BLOW MOLD OPENING STROKE	mm	120	140
STRETCH STROKE	mm	300	
ELECTRICAL PART			
ELECTRIC POWER (PUMP)	Hp/KW	25 / 18.5	40 / 29.7
TABLE SERVO MOTOR	Hp/KW	1.0 / 0.75	2.0 / 1.5
HEATER	Hp/KW	12.6 / 9.5	15.6 / 11.6
HYDRAULIC PART			
OIL TANK CAPACITY	liter	250	260
SYSTEM MAX. PRESSURE	Kg/cm ²	140	
COOLING WATER CAPACITY	l/min	400	600
AIR PART			
PROCESS AIR PRESSURE	Kg/cm ²	9	

Remarks: a) Specifications are subject to change without notice
b) Special models are available; please feel free to contact us.

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Simple • Reliable