

COMPACT • HIGH QUALITY • HI-TECH. ONE STEP STRETCH BLOW MOLDING MACHINE

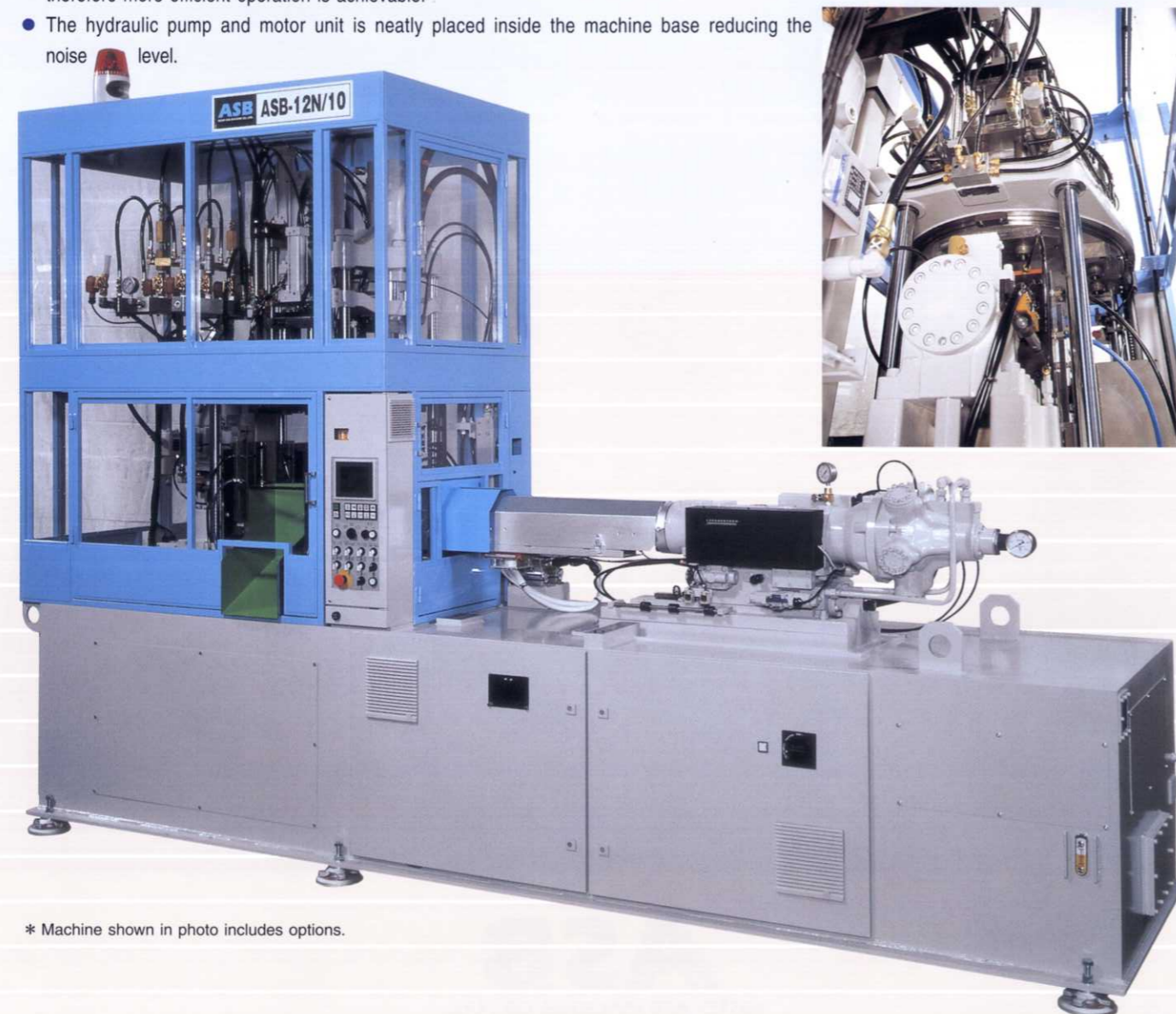
ASB-12N/10 A NEW DEVELOPMENT IN COMPACT DESIGN INJECTION STRETCH BLOW MOLDING MACHINE

It is an injection stretch blow molding machine that has been designed to mold a variety of bottles such as those for Drinks, Medicines, Cosmetics and Foodstuff in relatively small quantities from a diverse selection of raw materials such as PET, PP or PC.

Due to the compact size and capability to mold a wide range of containers it can also make a worthy test machine.

■ Mechanism

- Nozzle touch is maintained throughout the machine cycle, which contributes to clean operation and aids to avoid contamination issues while providing a significant reduction in material losses.
- An electrical servo motor system is utilized to index the Rotary table, providing fast, smooth repeatable operation while contributing to clean operation.
- The entire upper machine base moves to achieve mold clamping which additionally eliminates the need for bottom mold movement and thus operation is simplified. (To enable the production of some containers, it is necessary to utilize bottom mold push-up delay. This can be achieved by adopting the optional bottom mold mechanism.)
- The strong rigid mechanical structure ensures stable quality production.
- The machine is ready to accept the hydraulic cylinder supplied with the optional gate valve hot runner.
- The Injection mold clamping force is ample for the production of wide mouth containers.
- The handling of finished containers has been simplified by locating the eject chute above the machine bed.
- Machine operation, mold change over and planned maintenance have been expedited by careful planning and the allowance of additional space therefore more efficient operation is achievable.
- The hydraulic pump and motor unit is neatly placed inside the machine base reducing the noise level.



* Machine shown in photo includes options.

■ Control

- Variable displacement hydraulic pumps reduce the power consumption.
- Stable, repeatable machine operation is guaranteed by the ideal amount of oil at the correct pressure being delivered to each actuator.
- Color operator interface is designed for ease of use.
- The injection parameters along with the heater settings and machine timing are controlled on a single operator interface. The fine repeatability of molding conditions contribute towards maintaining the high production efficiency.



■ SPECIFICATIONS OF MACHINE

		ASB-12N/10
THEORETICAL INJECTION CAPACITY	cm ³	152
DRIVING POWER	kW	19.3
HEATER CAPACITY	kW	14.2
OIL RESERVOIR CAPACITY	L	220
MACHINE SIZE (L × W × H)	mm	4060 × 1110 × 2960
MACHINE WEIGHT (APPROX.)	ton	4.0

● Specifications are subject to change without any obligation on the part of the manufacturer.

■ PRODUCTS

		ASB-12N/10							
CAVITY NUMBER	cavity	1	2	3	4	5	6	(7)	(8)
MAX. PRODUCT CAPACITY	L	2.5	1.5	0.9	0.4	0.25	0.1	(0.03)	(0.02)
MAX. INLET OUTER DIAMETER	E mm	70	60 *1	40	28	25	19	(15)	(13)
MAX. PRODUCT OUTER DIAMETER	BD mm	118	100	69	52	42	35	(28)	(26)
MAX. PRODUCT HEIGHT	HB mm	310	310	310	310	310	310	(310)	(310)
MAX. PRODUCT WEIGHT (C type)	g	129	65	43	32	26	22	(18)	(16)

*1 Depends on bottle specification, number of cavities and mold.
* () Optional feature.

