One-Step Injection Stretch Blow Molding Machine

ASB Series

ASB-150DPW

The Highest Productivity ASB Series Model

http://www.nisseiasb.co.jp/en
Using the same double row cavity methodology, we pursued even more versatility. Increased productivity with double row cavity layout based on our best selling ASB-70DPW, the ASB-150DPW is dramatically more productive. It has twice the cavitation, thanks to a stacked blow mold that uses the same blow clamping force.

**ASB-150DPW**

One-Step Injection Stretch Blow Molding Machine

**Specifications**

- **Injection Clamping Force**: 1,472 kN
- **Blow Clamping Force**: 653 kN
- **Theoretical Injection Capacity**: 1,330 cm³
- **Machine Weight (Approx.)**: 27.0 ton
- **Machine Size (L x W x H)**: 7,560 x 2,400 x 4,388 mm
- **Heater Capacity (Rated)**: 82.7 kW
- **Driving Power (Rated)**: 82.5 kW

**Perfect for Mass Production of Small and Medium Containers**

The ASB-150DPW can produce containers with necks larger than φ40mm — something the ASB-70DPW cannot do — and up to φ94mm². Such versatility is ideal for high-volume production of small and medium containers, and makes the ASB-150DPW ideally suited to many different markets. For bottle and jar molding, necks from φ15mm to φ94mm; volumes from 150ml to 1500ml; weights from 6g to 181g. Productivity: <approx.> 5,400bph for φ30mm, 250ml infusion bottles; 4,300bph for φ52mm, 430ml small jars.

**A breakthrough for molding small, wide-mouthed containers.**

Superb mass production capability and flexibility. Increased productivity with double row cavity layout based on our best selling ASB-70DPH versatility... that is the ASB-70DPW. Using the same double row cavity methodology, we pursued even more versatility and productivity, resulting in the creation of the ASB-150DPW. Having similar specifications to the ASB-150DP, yet being able to mold more cavities, it boasts the highest production output in the ASB series. The ASB-150DPW has become the ASB Series flagship model - its great versatility and productivity make it suitable for many different markets.

**Conditioning Station**

ASB’s unique conditioning station can be used in different ways to modify the preform condition, allowing greater design versatility and maximizing stability. For special processes (e.g., molding narrow-necked PP containers), the conditioning station can set three different pitch dimensions between the double-row lip cavities, enabling the use of our split type conditioning blow method. This permits precise pre-blowing and temperature control of the preform, resulting in the highest-quality bottles. (Pat. pending)

**Excellent Cost Performance**

The ASB-150DPW’s bottle productivity is almost double the ASB-70DPW’s, while its power consumption is about 40% less than our previous class leading ASB-650. As a result, it simultaneously achieves high productivity and economic efficiency.

**Typical Containers**

- Applications: Food (e.g., condiments, dry goods, peanut butter, salad dressing, coffee granules), liquor, infusion bottles, baby feeding bottles, cosmetics, pharmaceutical
- Molding Materials: PET, PP
- Shapes: Jar, oval, PET Can, irregular, ultra-light, etc.

**Stacked Blow Mold**

Though it’s the same size and consumes the same amount of power as the ASB-150DP, the ASB-150DPW is dramatically more productive. It has twice the cavitation, thanks to a stacked blow mold that uses the same blow clamping force.
**ASB-150DPW Foundation Drawing**

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**Operation air inlet Rc 11/4˝**

**Blow air inlet Rc 11/2˝**

**Foundation Drawing**

**Elect. power supply**

Tower water inlet (heat exchanger) Rc 11/4˝

Tower water outlet (heat exchanger) Rc 11/4˝

**Heat chiller water inlet Rc 2˝**

**Heat chiller water outlet Rc 1˝**

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**Catalog No.D10201**

**Elect. power supply**

**Foundation Drawing**

Tower water inlet (heat exchanger) Rc 11/4˝

Tower water outlet (heat exchanger) Rc 11/4˝

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**Mold chilled water inlet Rc 2˝**

**Tower water inlet Rc 1˝**

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**Operation air inlet Rc 11/4˝**

**Blow air inlet Rc 11/2˝**

**Foundation Drawing**

**Elect. power supply**

Tower water inlet (heat exchanger) Rc 11/4˝

Tower water outlet (heat exchanger) Rc 11/4˝

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**Heat chiller water inlet Rc 2˝**

**Heat chiller water outlet Rc 1˝**

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**Tower water inlet Rc 1˝**

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**Operation air inlet Rc 11/4˝**

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**Elect. power supply**

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