One-Step Injection Stretch Blow Molding Machine

ASB Series

ASB-150DP

Maximum Versatility for Very Large Jars & Bottles in High Production Rates

www.nisseiasb.co.jp
ASB-150DP  One-Step Injection Stretch Blow Molding Machine

Superior Performance & Advanced Capability.
Versatile enough for your current needs & adaptable for your future growth.

Replacing the long serving industry standard ASB-650 Series was a daunting task, but our design team took on the challenge and produced the ASB-150DP machine as a worthy successor. With improvements in every aspect from wide-mouth container molding capacity to production flexibility and energy consumption, it is no wonder that the ASB-150DP stands out as a leader in its class while still maintaining backward compatibility with existing molds. For large scale production of large jars and advanced containers in a variety of materials, there is no better choice.

- **150-ton Injection Clamp**
  The 1472 kN injection clamp means that containers with up to a 115mm thread finish can be accommodated in a three cavity configuration, or a 117mm neck can be molded in five cavities. Smaller containers with up to a 28mm thread diameter can utilize sixteen cavity molds. With option parts, the maximum thread diameter can be increased to 223mm for a single cavity 15 liter jar.

- **Conditioning Station**
  ASB’s unique conditioning station can be used in a variety of ways to modify the preform temperature profile vertically or horizontally to allow greater design versatility, maximizing production stability and fully optimizing material distribution in extreme container designs and various materials.

  For example, when molding narrow necked PP infusion bottles, pre-stretching and conditioning of the preform can be conducted by specialized mold parts utilizing optional features of the machine.

- **Low Power Consumption**
  The primary moving force is provided by low maintenance variable displacement hydraulic pumps driven by certified high efficiency motors. The overall power consumption under normal running is approximately 45%* of rated load.

  *Depending on resin and container being molded.

- **Mold Compatibility**
  Companies still using ASB-650NHII and ASB-650EXHIII machines are assured of an easy upgrade path with the ASB-150DP machine.

  Existing molds can be installed into the ASB-150DP with the addition of minor mold modifications and optional adapter plates.

- **Injection Unit Height Adjustment**
  Depending on the product, further cycle improvement can be achieved by reducing the injection clamp stroke with mold related spacers.

  Height adjustment of the injection unit is simplified with the integrated lifting system.

- **Customize To Your Needs**
  Out of the box, the ASB-150DP is a hugely versatile molding machine, but ASB knows its global customers’ needs are increasingly diverse.

  So, rather than include a raft of systems that you don’t need, we offer nearly 50 systems as options so that you can customize the operation of the machine to your specific needs such as various molding materials, downstream integration or factory automation.

  If the container you wish to mold appears to be outside the product specification limits shown below, please contact us anyway as we frequently customize machines and molds to individual customer needs.

  Let us know what we can do for you!

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**Machine Specification**

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