

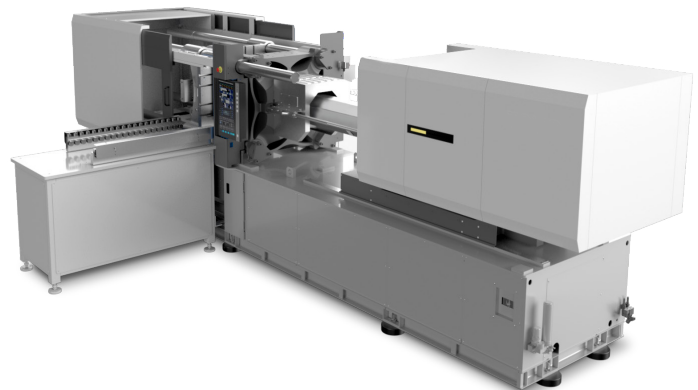


Increase capacity by up to double with the Canon Shuttle Mold System.

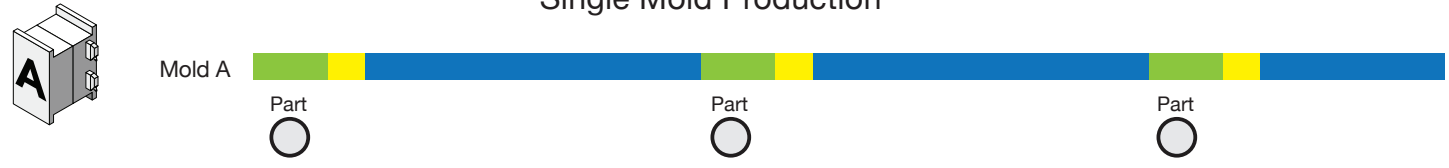
The Canon Shuttle Mold System alternately runs two molds on a single molding machine, helping you optimize productivity and efficiency.

Shuttle Mold System Overview

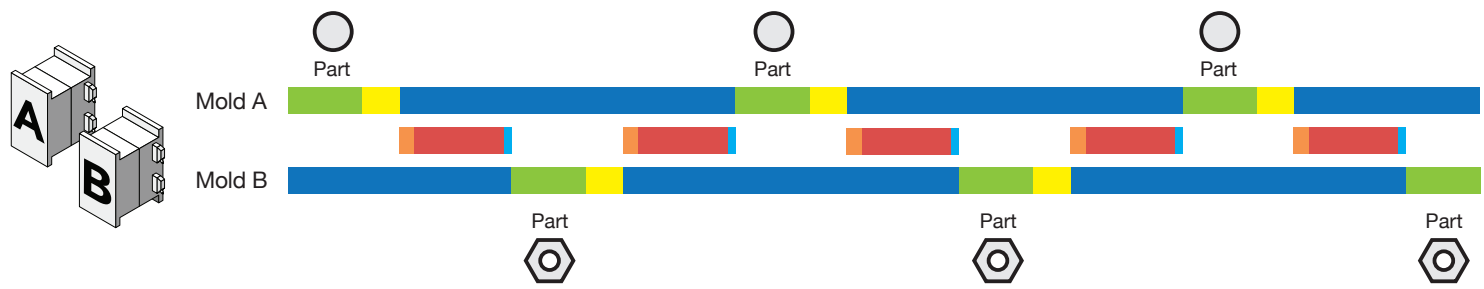
- Converts cooling time into production time, enabling molders to reduce downtime and increase output.
- By running two molds on one machine, it can help increase molding capacity by up to double.
- Since creating the Shuttle Mold System in 2014, Canon has used it to produce inkjet printer parts in a Canon production facility.



Single Mold Production



Shuttle Mold System Production



■ Interval time
 ■ Injection/holding time
 ■ Cooling time
 ■ Nozzle moving time
 ■ Mold moving time
 ■ Mold closing time

Shuttle Mold System Advantages



Optimized capacity

Double your output by shuttling two different molds in the same injection molding machine.



Autonomous control

Automatically control different molding conditions for each injection mold.



Minimize downtime

Reduce downtime with mold changeovers that take only seconds.



WIP management

Help reduce parts inventory space and realize just-in-time assembly.

FAQs

Do water lines stay connected to the molds?

The Shuttle Mold System has been uniquely designed in a way that cooling lines do not detach from the molds during transfer. For additional ease of use, regular water lines and couplers are used.

After the Shuttle Mold System, can I still run the machine like a normal molding machine?

Yes, you can turn “off” the shuttling function and run it like a normal injection molding machine.

Can I use the Shuttle Mold System with an existing molding machine or mold?

Yes, with some modifications. Minor modifications would need to be made to the molding machine and mold. Limitations exist based on the range of molding machine size.

What is the maximum mold weight and machine size?

It varies depending on the model of Shuttle Mold System. Please contact the Canon Virginia, Inc. sales team for detailed information at sales@cvi.canon.com.

