

Bozilla Corporation

Plastics Consulting Specialists



Bozilla Corporation has created a unique system designed to make your mold Green.

The Green Validation System

Going "Green" means a more efficient molding process which benefits the environment and your bottom line.

This system was created due to repeated customer requests to help find a solution to make their current tools more efficient or to find a means by which to make tools which have been shelved usable again.

If a tool is not efficient or not even running, there are costs involved which are lost. This system has been proven to recapture those costs and put that money back into your pocket.

The Green Validation Process

This unique system will first quantify your current tool and inform you of how efficient it is currently running. This includes molds/tools which may have been sidelined because it was cut wrong, perhaps the feed system does not work as expected, cycle times are too long or is simply known to be inefficient.

We then use cutting-edge tools to determine if the tool can be optimized so that it can be brought back to life in its most efficient state.

Each potential issue will be identified accordingly and suggested changes will be provided in order to create a streamlined, lean-running tool which in turn will be green and profitable.

Any suggested changes will be submitted to the customer. The customer will take those suggestions, determine which ones can be utilized, will accept and submit them for validation.

The system will then optimize the mold/tool and processing conditions based on those accepted changes and provide a overall solution package.

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Some typical identifiable issues commonly found in inefficient tools:

- Poorly designed feed system causing excessive scrap
- Poorly designed feed system causing excessive energy consumption of the molding machine.
- Poorly located gate(s) on part causing high percentages of parts being scrapped
- Part too thick causing material waste.
- Part design causing excessive cycle times.
- Incorrect cooling system design causing excessive cycle times.
- Incorrect cooling system design causing unacceptable parts.
- Mold running in too large of a machine
- The list goes on.



In order to be Green or Environmentally Friendly, here's what we need to do:

Reduce Energy Consumption

- Correctly match the tool with the molding machine (use the smallest machine necessary)
- Reduce cycle times
- Design efficient tools
 - Which use less energy to both make and cool the part
 - Use less material
 - Thinner walled parts
 - Less feed system waste
 - Select materials more suitable for the application
 - Can be recycled
 - Easier to process yet meet part requirements
- Create less greenhouse gases
- Create parts which can be recycled and can last longer



Reduce Waste

- Create less scrap
- Have less Material Consumption
- Use tools which have been shelved or sidelined

Contact us today to quantify your tool using our *Green Validation System*. There are no up-front costs and the savings begin immediately.

You can contact us via our Contacts Page: [Contacts](#)

OR

Send an email to GoGreen@Bozillacorp.com

OR

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