What makes the MagnaValve green?

The MagnaValve is an environmentally responsible product—it conserves energy and media. Invented by Electronics Inc. in 1983, the MagnaValve is a magnetic valve that will regulate the flow of steel shot used in abrasive blast cleaning or shot peening applications. The valve has a permanent magnet that stops the shot flow and also an electromagnet that allows the shot to flow by canceling the permanent magnet. There are no moving parts in the MagnaValve so there is nothing to break or wear out. MagnaValves are used worldwide on wheel type (also called turbine type in Europe) shot blasters and also on air type machines.

The MagnaValves used on air type machines have a built-in sensor to show the actual shot flow rate in pounds/minute or Kg/minute. The MagnaValves for wheel blast machines may be used with amperage control (i.e. no built-in sensor) or flow control using a built-in sensor. MagnaValves work with cast steel shot and grit, cut wire shot and stainless steel cut wire shot.

The MagnaValve’s benefits include:
- Long life. The MagnaValve doesn’t wear out like a mechanical valve.
- Less media. It provides an efficient use of media for less media costs, less disposal fees, less media in our landfills.
- Less maintenance. It’s easy to install and maintain. Maintenance crews love it.
- Less operator time. Repeating or establishing a good set-up is easy because the MagnaValve lets you document flow rate and our controllers are very user-friendly.
- Less energy consumption. A MagnaValve can reduce the load on a large horsepower motor and thereby reduce energy consumption.

For more information on the MagnaValve, visit www.shotpeener.com/EI or call 1-800-832-5653 (USA and Canada) or (574) 256-5001.