Hammond Roto-Finish Multi-Pass® machines are unique in the mass finishing industry. A Multi-Pass® machine can operate in a continuous operation or it may be used as a batch process machine. What makes the finishing power so unique? A part is surrounded by a finishing media with space between itself and other parts. On a continuous basis a new part is introduced to the Multi-Pass® machine within an interval such as from a grinder. This part then moves through the channel maintaining that same interval from the next part introduced. This first in - first out sequencing ensures lot integrity.

The Multi-Pass® machine also features internal separation, which keeps the process media inside the process chamber. Media classification is also available within the process/separation area. This eliminates the need for messy external separators and media return conveyors.

The Multi-Pass process channel is a true curve bottom process chamber.

Available in several sizes, allowing for part size, geometry, and the process cycle time needed.
ACCESSORIES

Other available features for the Multi-Pass® are a Gazebo Sound Cover (frame pictured) for noise reduction and an External Parts Washer.

The Multi-Pass® is also available as a MPC (Combo) which offers the potential for a drying channel on the process bowl. This again reduces the need for external systems requiring more floor space.

The Multi-Pass® machine can also operate as a continuous process machine using part to media ratios used in conventional processes. The example shown at left is producing 1,400 pieces per minute continuously.