

# MULTI-PASS®

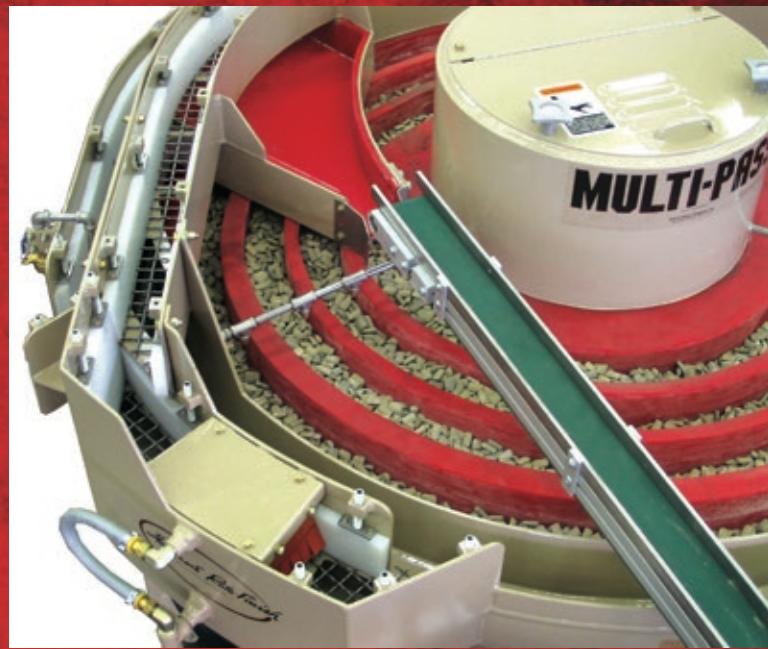
Hammond **ROTO FINISH**

## VIBRATORY FINISHING MACHINES

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.



OUR CHANNEL



COMPETITORS

Full, u-shaped process channels ensures full media roll (no siding) and more turns of the part as it advances.



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



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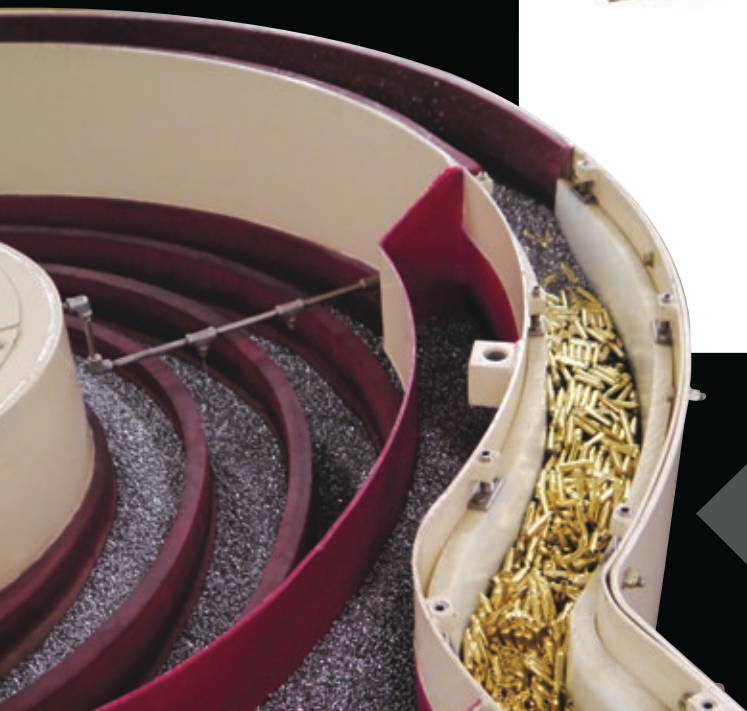
## Specifications

MODEL	Total Capacity L (cu.ft.)	Overall Diameter mm (in.)	Overall Height mm (in.)	Process Channel Width mm (in.)	Channel Number	Travel	Aprox Shipping Weight kg (lbs.)
MP-42-2-3	14 (0.49)	1066 (42)	1092 (43)	50 (2)	3	25	1130 (2500)
MP-54-2-4	22 (0.79)	1371 (54)	1320 (52)	50 (2)	4	40	1725 (3800)
MP-64-5-3	123 (4.37)	1625 (64)	1320 (52)	127 (5)	3	35.6	1895 (4180)
MP-66-4-3	81 (2.86)	1676 (66)	1320 (52)	101 (4)	3	36.4	1860 (4100)
MP70-3-4	59 (2.08)	1778 (70)	1346 (53)	76 (3)	4	47	2460 (5435)
MP-80-4-4	141 (4.9)	2032 (80)	1320 (52)	101 (4)	4	58.5	3230 (7120)
MP-88-4-5	481 (17)	2235 (88)	1320 (52)	101 (4)	5	70	3400 (7500)
MP-94-5-4	198 (7)	2387 (94)	1371 (54)	127 (5)	4	60	3825 (8430)
MP-98-6-4	246 (8.7)	2489 (98)	1371 (54)	152 (6)	4	60.4	3355 (7400)
MP-100-4-6	229 (8.1)	2540 (100)	1371 (54)	101 (4)	6	102.6	3810 (8400)
MP-120-6-5	424 (15)	3048 (120)	1371 (54)	152 (6)	5	98.6	5479 (12080)
MP-120-10-2	665 (23.5)	3048 (120)	1371 (54)	254 (10)	2	56.7	6985 (15400)
MP-144-8-4	962 (34)	3657 (144)	1955 (77)	203 (8)	4	108	9070 (20000)
MP-154-8-4	1005 (35.5)	3911 (154)	1955 (77)	203 (8)	4	113	11320 (24950)
MP-164-6-6	747 (26.4)	4165 (164)	1955 (77)	152 (6)	6	144	11795 (26000)

### 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.