

MFI HZ SERIES CENTRIFUGAL BARRELS



MFI's HZ Series Centrifugal Barrel finishing machines provide the most economical, high speed finishing available. HZ machines operate on the "ferris wheel" principle with a 1:1 ratio of barrel rotation to turret rotation. Four barrels are mounted on the periphery of a large turret. Each barrel is loaded to approximately 50-80% full with media, parts and water. During operation, rotation of the turret creates force on the media and parts inside each barrel. This force reduces the cycle time needed to complete the finishing of the parts by up to a factor of 30 over conventional vibratory and barrel finishing.

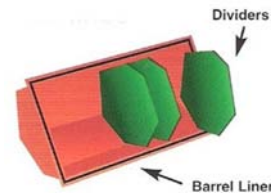
Standard Variable Frequency Speed Control

Different parts require different finishing speeds. From slower speeds for fine finishing and polishing, to aggressive deburring and edge radiusing at high speed, the Variable Frequency Speed Control allows you to fine tune your finishing for maximum efficiency.



Removable Liners Standard on all machines

These durable, long-life liners are supplied with 1/4" wide divider slots spaced on 1" centers to accommodate a wide variety of product sizes and other unique finishing requirements. Resulting in maximum efficiency per run. Liners can be easily removed and replaced by removing a few screws.



Model	Total Volume	Barrel Dimentions L x H (inches)	Overall Dimensions W x L x H (inches)	Weight	Motor HP
HZ 12	.4 cu.ft.	8½" x 5"	34" x 30" x 30"	460 lbs.	1
HZ 40	1.4 cu.ft.	12¾" x 6⅞"	47" x 37" x 49"	1280 lbs.	3
HZ 80	2.6 cu.ft.	16" x 8½"	56" x 54" x 76"	2800 lbs.	7.5
HZ 120	4.0 cu.ft.	17¼" x 10¼"	66" x 54" x 76"	2900 lbs.	10
HZ 160	5.5 cu.ft.	20¾" x 12"	70" x 54" x 76"	3200 lbs.	15
HZ 220	8.0 cu.ft.	27½" x 11½"	75" x 54" x 76"	5200 lbs.	15