

Special Features:

Full Size Production- The HZ-60 and HZ-85 provide more than double the capacity and efficiency over the compact centrifugal barrel tumblers like the HZ-12 and HZ-40.

Wide Barrels- The HZ-60 features a 25.75 inch wide barrel and the HZ-85 barrel is 33.5" wide. They can be divided to create several chambers inside each of the four barrels. This is a critical feature when part-on-part impingement needs to be avoided.

Variable Frequency Control- With the ability to control the speed of the tumble, the operator can polish and achieve finer finishing at low speeds. Higher speeds, up to 225 RPM, allow for aggressive deburring and edge radiusing.

Safe and Easy Operation- The integral hood switch and two-button jog requirement makes the HZ-60 extremely safe to operate. The hood is securely locked during cycles. A built in cover lift with industrial timers and switches make running the machine simple.

Isotropic Finishing- The finish achieved by centrifugal barrel tumbling machines is isotropic. This means the surface is consistent in all directions unlike hand polishing.



HZ-60
 CENTRIFUGAL BARREL FINISHER

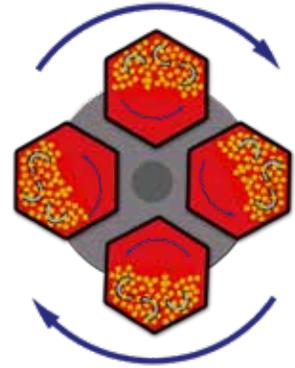
HZ-85
 CENTRIFUGAL BARREL FINISHER

Specifications	HZ-60	HZ-85
Main Motor HP	5	7.5
Barrel Rotation Motor HP	1.15	1.15
Voltage	230/460	230/460
Total Capacity	2 Cu. Ft.	3 Cu. Ft.
Shipping Weight	3000 lbs.	3300 lbs.
Dimensions LxWxH	68"x39"x94"	75"x39"x94"
Barrel Length/Diameter	25.75"x5.875"	33.5"x6"
Max RPM	225	225

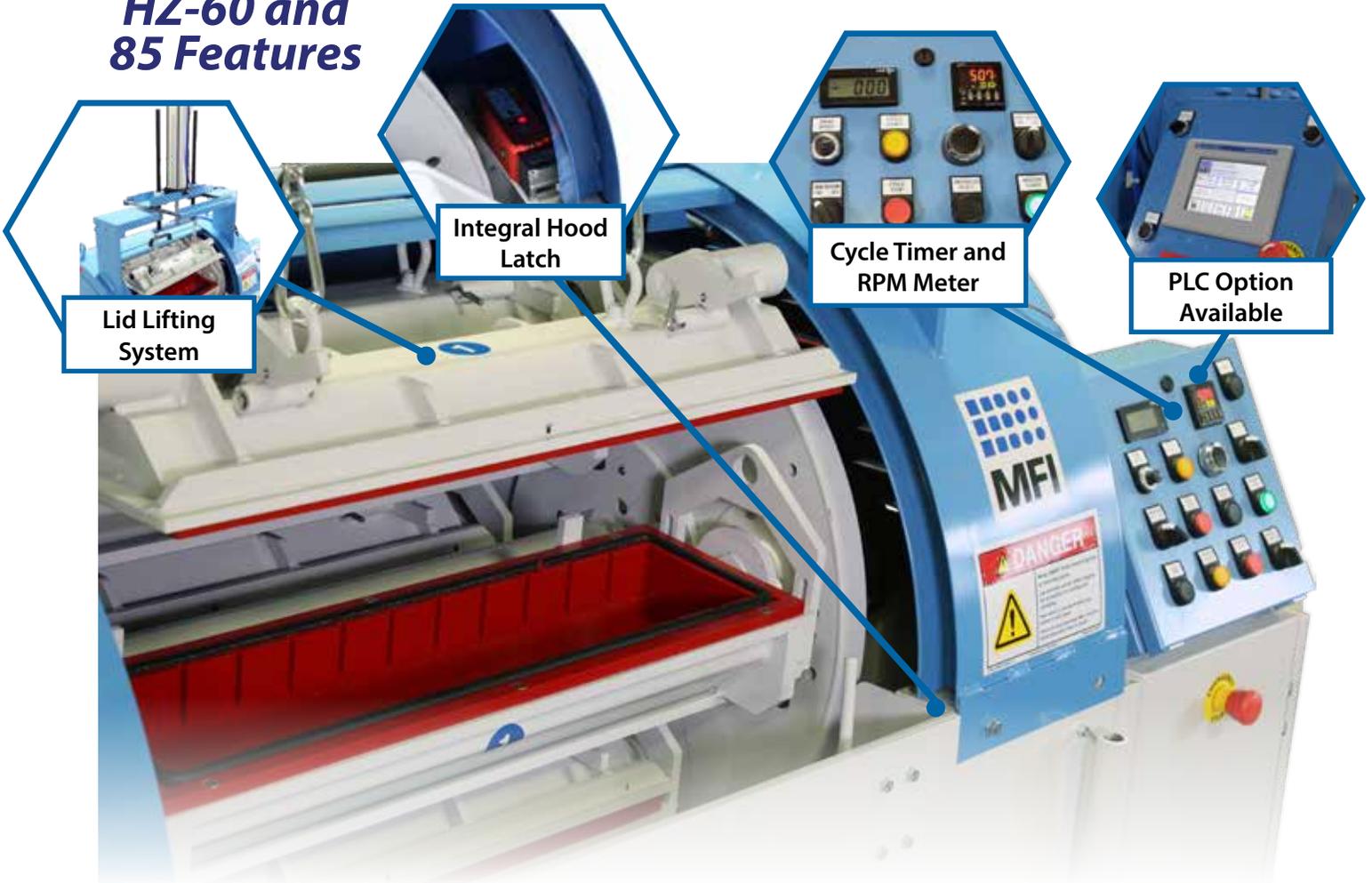
How it Works

Centrifugal barrel finishing machines operate on the "Ferris Wheel" principle with a one-to-one ratio of barrel rotation to turret rotation. Each of the four barrels is loaded to roughly 50-80% full of media, parts, water, and compound. During operation, rotation of the turret creates a sliding force inside the

barrel. This motion causes parts and media to contact each other in random or isotropic directions. The resulting finish is consistent across the entire surface of the part. ISO Finishing provides complete sample processing, and stocks all required media and supplies.



HZ-60 and 85 Features



Featured Accessory

Optional Accessories

Media and Parts Separating System



PLC Control System



Barrel Dividers



Drain Pan



Processing Table with Sludge Tank