

Special Features:

Full Size Production- The HZ-120 and HZ-160 provide more than double the capacity and efficiency over the compact centrifugal barrel tumblers like the HZ-12 and HZ-40.

Deep Barrels- The HZ-120 and 160 feature a deeper barrels for wider parts. The barrels 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 150 RPM, allow for aggressive deburring and edge radiusing.

Safe and Easy Operation- The integral hood switch and two-button jog requirement makes the HZ-120 and HZ-160 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-160
 CENTRIFUGAL BARREL FINISHER

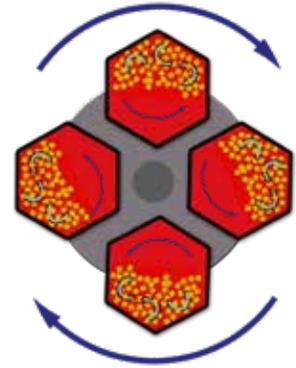
HZ-120
 CENTRIFUGAL BARREL FINISHER

Specifications	HZ-120	HZ-160
Main Motor HP	10	15
Barrel Rotation Motor HP	2	2
Voltage	230/460	230/460
Total Capacity	4.7 Cu. Ft.	7.1 Cu. Ft.
Shipping Weight	2900 lbs.	3500 lbs.
Dimensions LxWxH	71"x57"x75"	74"x57"x75"
Barrel Length/Diameter	17.25"x10.25"	20.75"x12"
Max RPM	150	150

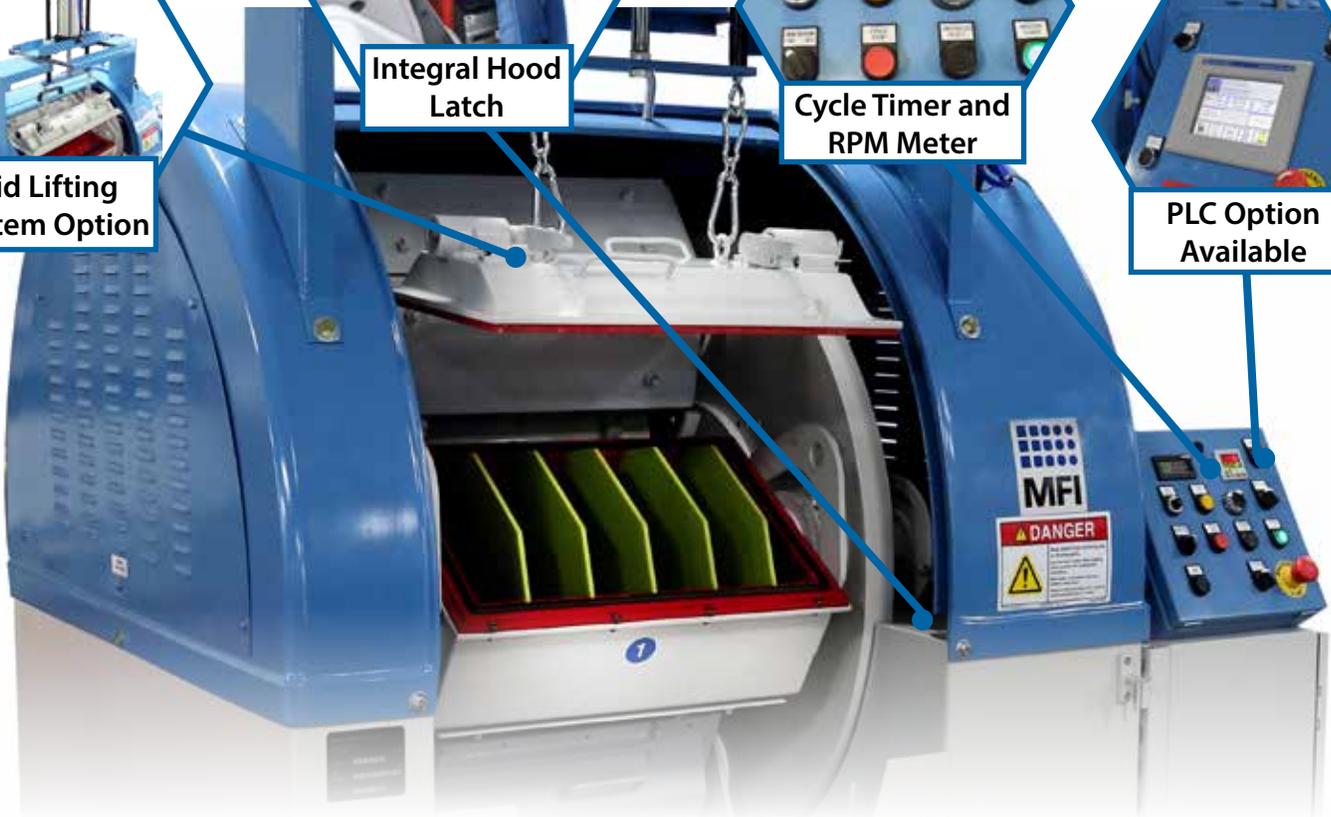
How it Works

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-120 and 160 Features



Featured Accessory

Optional Accessories

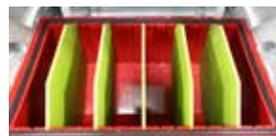
Media and Parts Separating System



PLC Control System



Barrel Dividers



Processing Table with Sludge Tank