

Special Features:

Compact Size- The small footprint of the HZ-12 and HZ-40 make them easy to fit into most productions without sacrificing any finishing speed or results. The large caster wheels on the HZ-12 base make it easy to maneuver around the production facility.

Removable Barrels- The HZ-12 and HZ-40 come standard with four removable barrels. The HZ-40 features four barrel options making it extremely versatile. By purchasing a second set of barrels, the operator can reload while the other set is running.

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, 225 to 250 RPM, allow for aggressive deburring and edge radiusing.

Safe and Easy Operation- The integral hood switch and two-button jog requirement makes the HZ-12 and HZ-40 extremely safe to operate. The hood is securely locked during cycles. Timers and industrial switches and controls 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-12
CENTRIFUGAL BARREL FINISHER

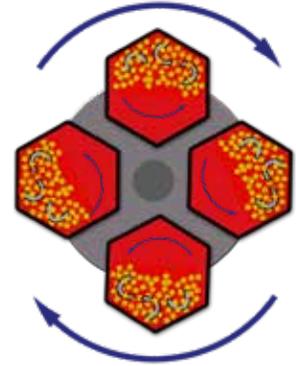
HZ-40
CENTRIFUGAL BARREL FINISHER

Specifications	HZ-12	HZ-40
Main Motor HP	1 HP	3
Voltage	120	230/460 Volt
Total Capacity	12 Liters	1.4 Cu. Ft.
Shipping Weight	700 lbs.	1280 lbs.
Overall Dimensions LxWxH	32"x31"x55"	47"x38"x49"
Max RPM	250	225
Barrel Options		
2 Sided Barrels (Can use dividers)	-	8.75"x5.75"
Bolted End Barrels (High Pressure)	-	11"x5.875"
Latched End Barrels (Highest Capacity)	8.375"x5"	12.5"x6.875"
Two Half Barrels (8 Total)	-	5.375"x6.875"

How it Works

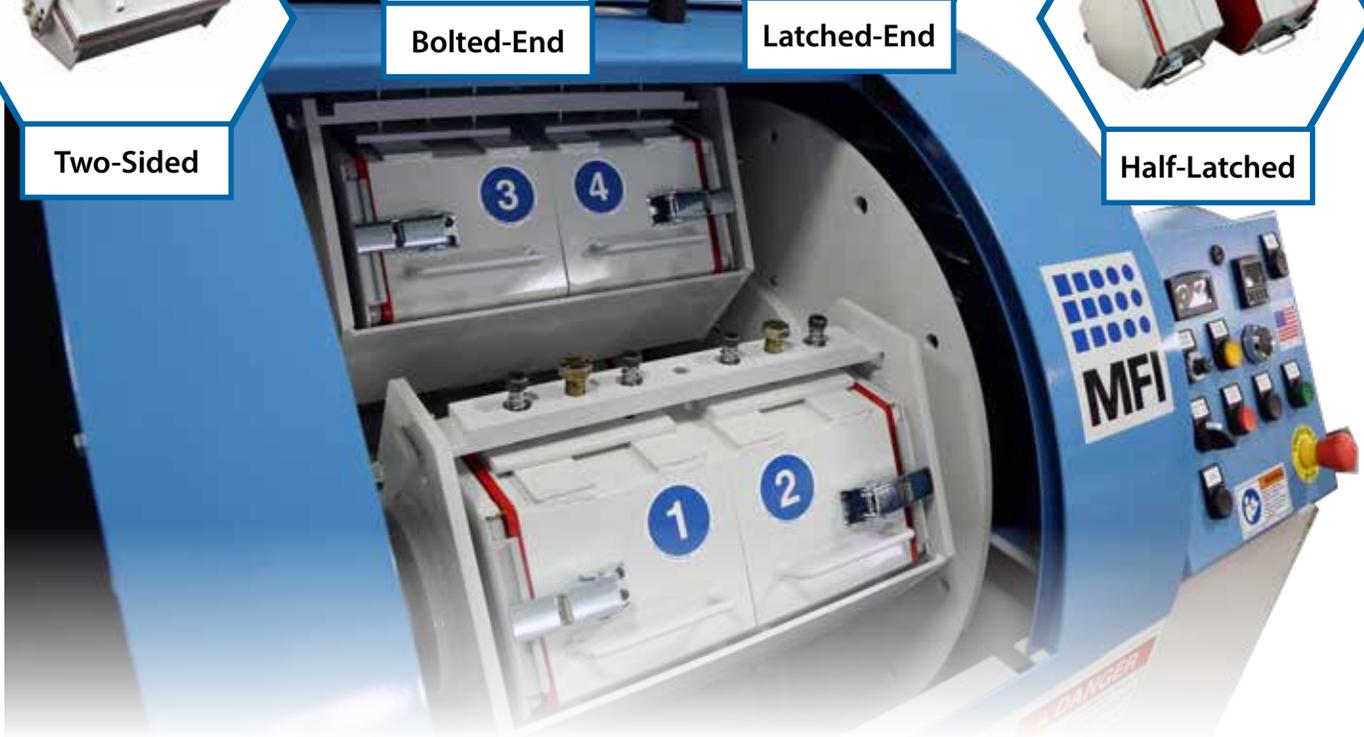
Centrifugal barrel finishing machines operate on the "Ferris Wheel" principle with a one-to-one ratio of barrel rotation to turret rotation. Each of the four barrels is loaded to roughly 50-80% full of media, parts, water, and compound. During operation, rotation of the turret creates a sliding force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



FOUR BARREL OPTIONS

(HZ-40 Only)



Featured Accessory

Optional Accessories

Media and Parts Separating System



Electronic Hoist



Media Drain Basket



Manual Media Separator Kit



Processing Table with Sludge Tank

