

## HZ-60 HIGH EFFICIENCY

The HZ-60 is a full-sized industrial finishing machine and known for its high efficiency. It provides more than double the capacity when compared to MFI's compact tumblers. By harnessing pressure and friction, this high-energy finishing machine efficiently removes excess material, polishes part surfaces, and creates a uniform finish. Unlike hand finishing, the HZ-60 achieves isotropic finishes, ensuring consistent and uniform polishing in all directions.



### How it Works

Centrifugal barrel finishing is a type of high-energy finishing that uses centrifugal force to subject parts and media to pressures greater than the force of gravity to efficiently finish parts. Our HZ-Series machines reach upwards of 12Gs. The process involves loading the four locking barrels with a mixture of parts, water, compound, and media. As the machine rotates, the barrels spin around the turret on their own axis, creating a sliding force inside the barrel.

### Machine Specifications

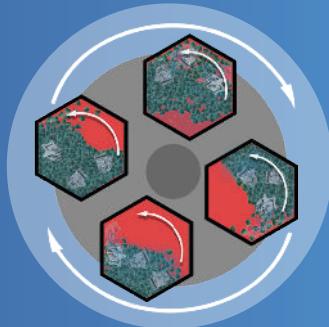
• <b>Main Motor HP</b>	5
• <b>Voltage</b>	230-460v
• <b>Total Capacity</b>	2 Cu. Ft.
• <b>Shipping Weight</b>	3000 lbs.
• <b>Dimensions L x W x H</b>	68" x 39" x 94"
• <b>Barrel Dimensions</b>	25.75" L x 5.8" D
• <b>Max Part Size</b>	25.25" L x 5.25" D
• <b>Max RPM</b>	225

### Features & Benefits

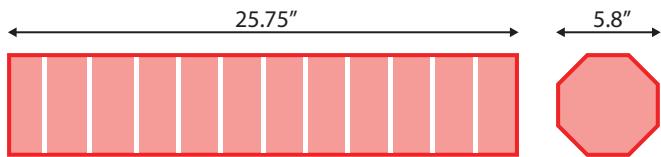
**High Efficiency** - By optimizing water, compound, and media consumption, this machine reduces consumable costs while still achieving a high-quality finish.

**Full-Size Production** - This model provides more than double the capacity of MFI's compact centrifugal barrel tumblers like the HZ-12 and HZ-40.

**Long, Narrow Barrels** - At 25.75" in length and just under 6" wide, these barrels can be divided to create 12 individual chambers inside each of the 4 barrels. This helps to avoid part-on-part impingement and damage from parts hitting each other.



## HZ-60 Barrels



The HZ-60 features four 25.75" wide barrels. They have removable lids that are secured with cam locks for safe and efficient operation. The machine is equipped with an air-driven cover lift that allows for easy removal of the barrel covers.

With 11 divider slots in each barrel, you can create 12 individual chambers, if utilizing MFI's optional barrel dividers. This allows operators to separate parts into several different chambers within each barrel. This is a critical feature when part-on-part impingement needs to be avoided.



### Barrel Features:

- Air-driven barrel cover lift
- 11 divider slots for barrel flexibility
- 1/4" thick replaceable polyurethane liner
- Cam locks for secure operation

### Free Sample Processing

Mass Finishing offers a free sample processing service to help customers determine the right machine for their operation. In our sample processing lab, we'll create a custom recipe and process tailored to your business and designed to produce the exact results you require.



### Scan to Shop Media & Compounds

From media to compounds, MFI offers a wide range of consumable products to support your finishing operations.



### Sample Parts

#### Before



#### After



### Available Accessories

Media and Parts Separating System



PLC Control System



Drain Pan



Processing Table with Sludge Tank

