

HZ-330 HIGH CAPACITY

The HZ-330 is MFI's largest capacity industrial finishing machine, offering ample space for processing parts. This model is ideal for those needing a machine that can handle large parts, or to process higher volume parts. 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-330 achieves isotropic finishes, ensuring consistent and uniform polishing in all directions.

Machine Specifications

• Main Motor HP	30
• Voltage	230-460v
• Total Capacity	12.8 Cu. Ft.
• Shipping Weight	6800 lbs.
• Dimensions L x W x H	101" x 65" x 123"
• Barrel Dimensions	41.4" L x 11.9" D
• Max Part Size	40.75" L x 11" D
• Max RPM	115

Features & Benefits

Deep Barrels – At just under 12" in diameter, these barrels are the deepest we offer (on a standard unit). Perfect for accommodating wider parts, each barrel can also be divided into 30 individual chambers.

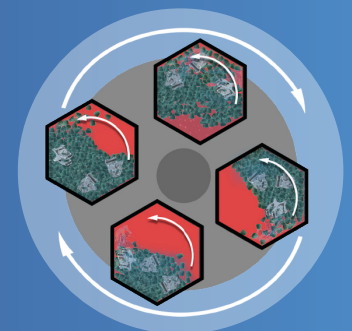
Full-Size Production – At a capacity of 12.8 cubic feet, this model provides more than nine times the capacity of MFI's compact centrifugal barrel tumblers like the HZ-40.

Auto Door – Automatically open and close the machine door with the push of a button. The HZ-330 is one of two HZ-Series machines with this feature.



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.



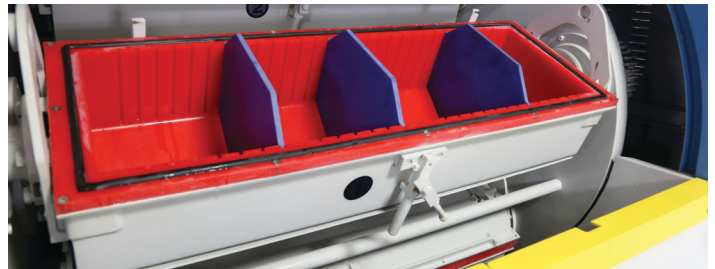
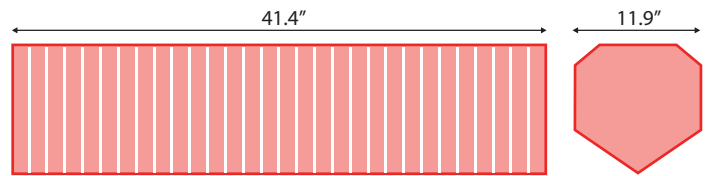
HZ-330 Barrels

The HZ-330 features four 41.4" wide by just under 12" diameter 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 barrel covers.

With 29 divider slots in each barrel, you can create 30 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
- 29 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

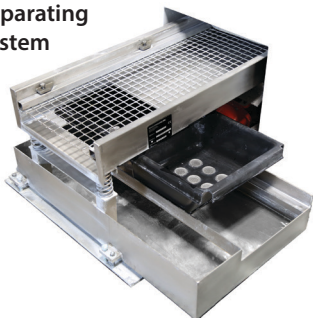


After



Available Accessories

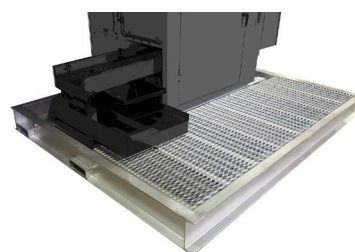
Media and Parts Separating System



PLC Control System



Drain Pan



Processing Table with Sludge Tank

