

A leading manufacturer of industrial finishing machines and supplies.



1060 Commerce Blvd
Howard Lake, MN 55349
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1(888) 260-6277

Mass Finishing, Inc. is a 100% employee owned company. It is part of Innovance, a holding company for a family of industrial manufacturing businesses.





MFI

MASS FINISHING, INC.



Marci Theisen

GENERAL MANAGER

Marci started working for Mass Finishing in 1996 when the company was located in Delano, MN. Her role in the company as the business manager includes handling all of the accounting, purchasing, shipping and managing the day to day operations. In 2018 she took on the General Manager title with the retirement of company co-founder Mike Mathisen.



Tommy Mathisen

DIRECTOR OF SALES, LAB ENGINEER

Tommy worked for a company called Time Savers in their deburring and polishing division. In 1995 he and his brother Mike bought the rights to the division from Time Savers. Their new company was called Mass Finishing, Inc. or just MFI. With more than 30 years in the finishing and polishing industry and thousands of sample projects completed, he is one of the foremost experts in the field.

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CENTRIFUGAL BARREL FINISHERS



CENTRIFUGAL DISC FINISHERS



VIBRATORY TUB FINISHERS



MEDIA AND SUPPLIES

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"

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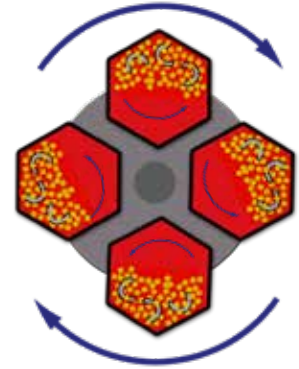
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How it Works

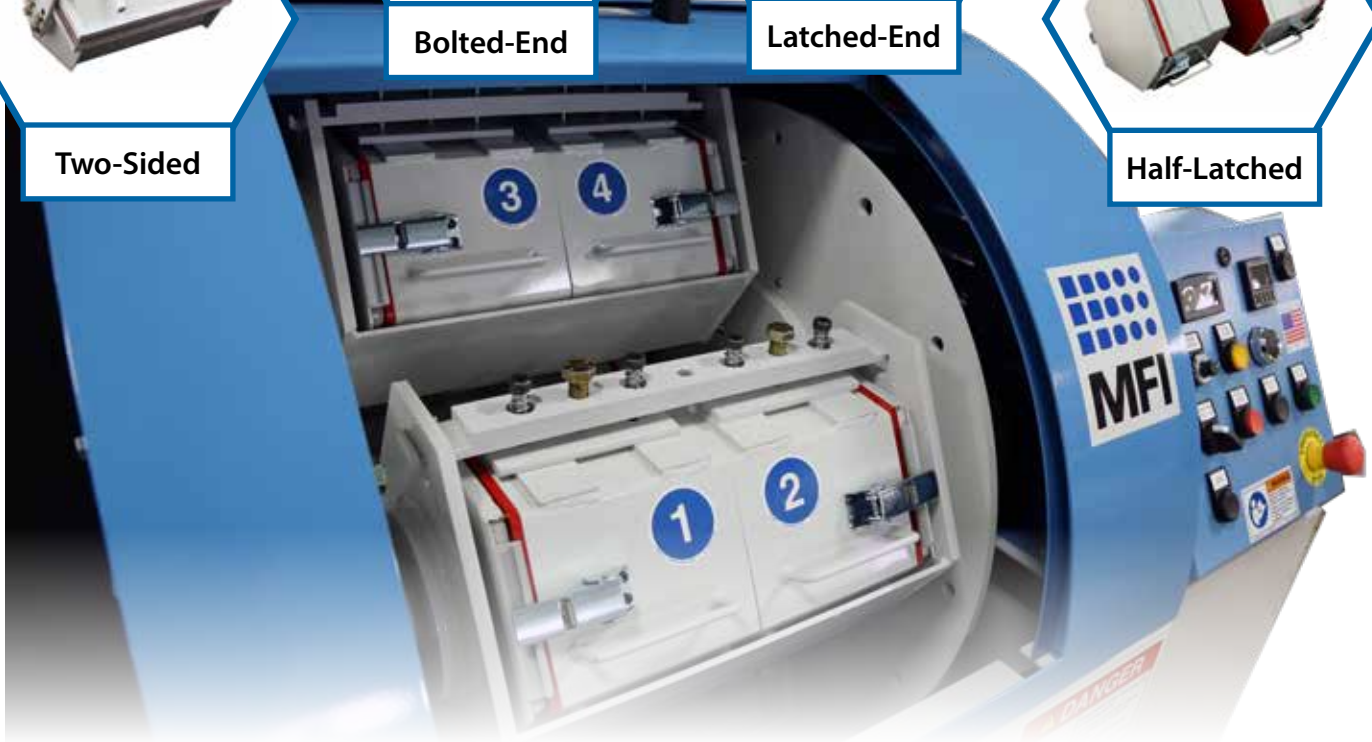
Centrifugal barrel finishing machines operate on the "Ferris Wheel" principle with a one-to-one ratio of barrel rotation to turret rotation. Each of the four barrels is loaded to roughly 50-80% full of media, parts, water, and compound. During operation, rotation of the turret creates a sliding force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



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

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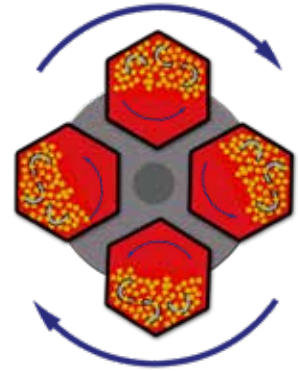
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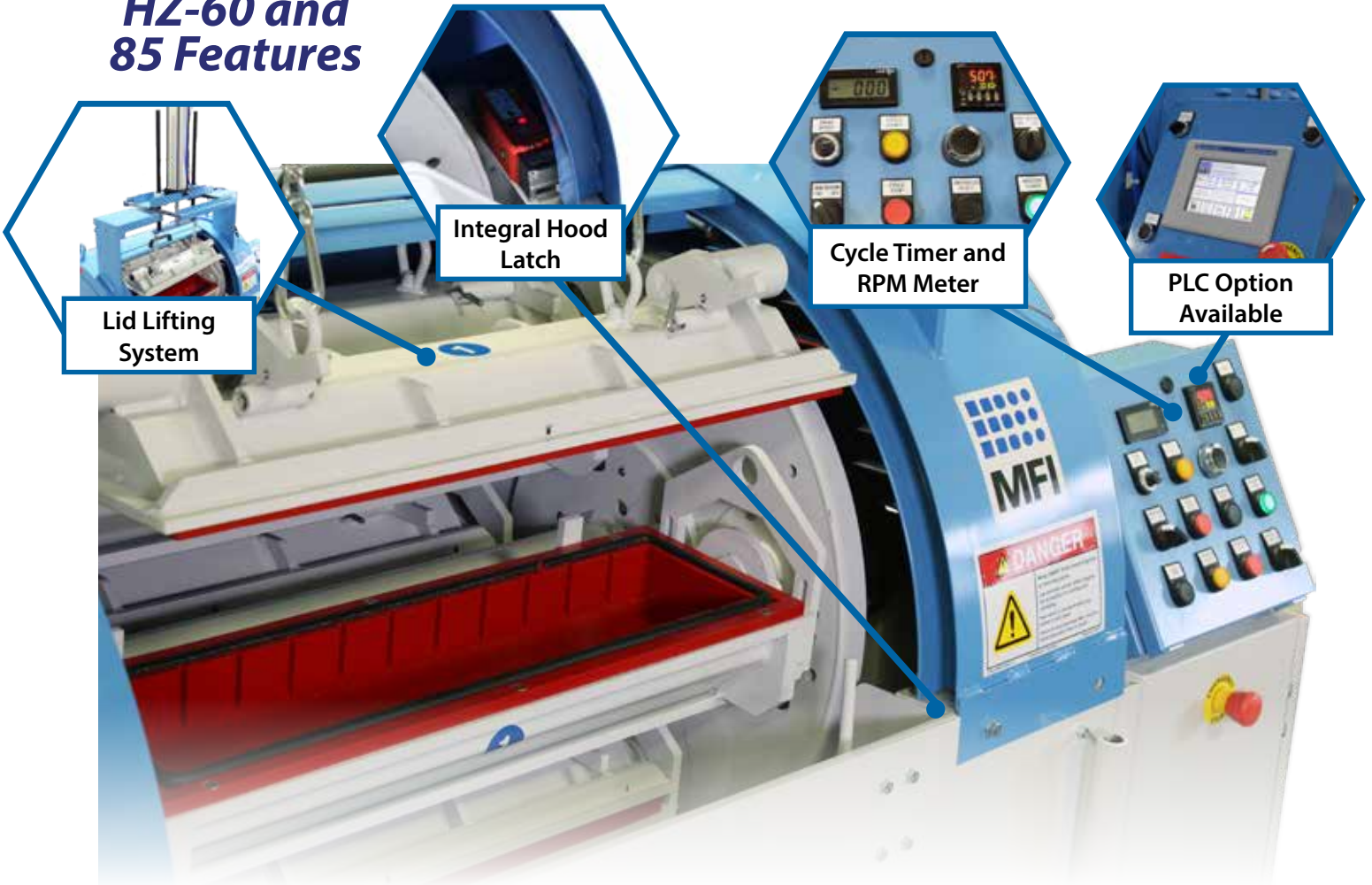
How it Works

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. MFI 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

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

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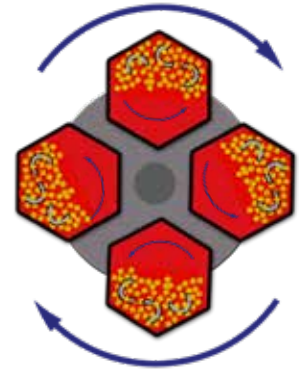
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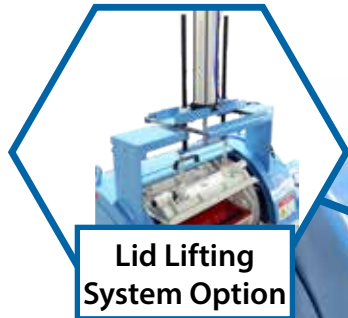
How it Works

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. MFI provides complete sample processing, and stocks all required media and supplies.



HZ-120 and 160 Features



Lid Lifting System Option



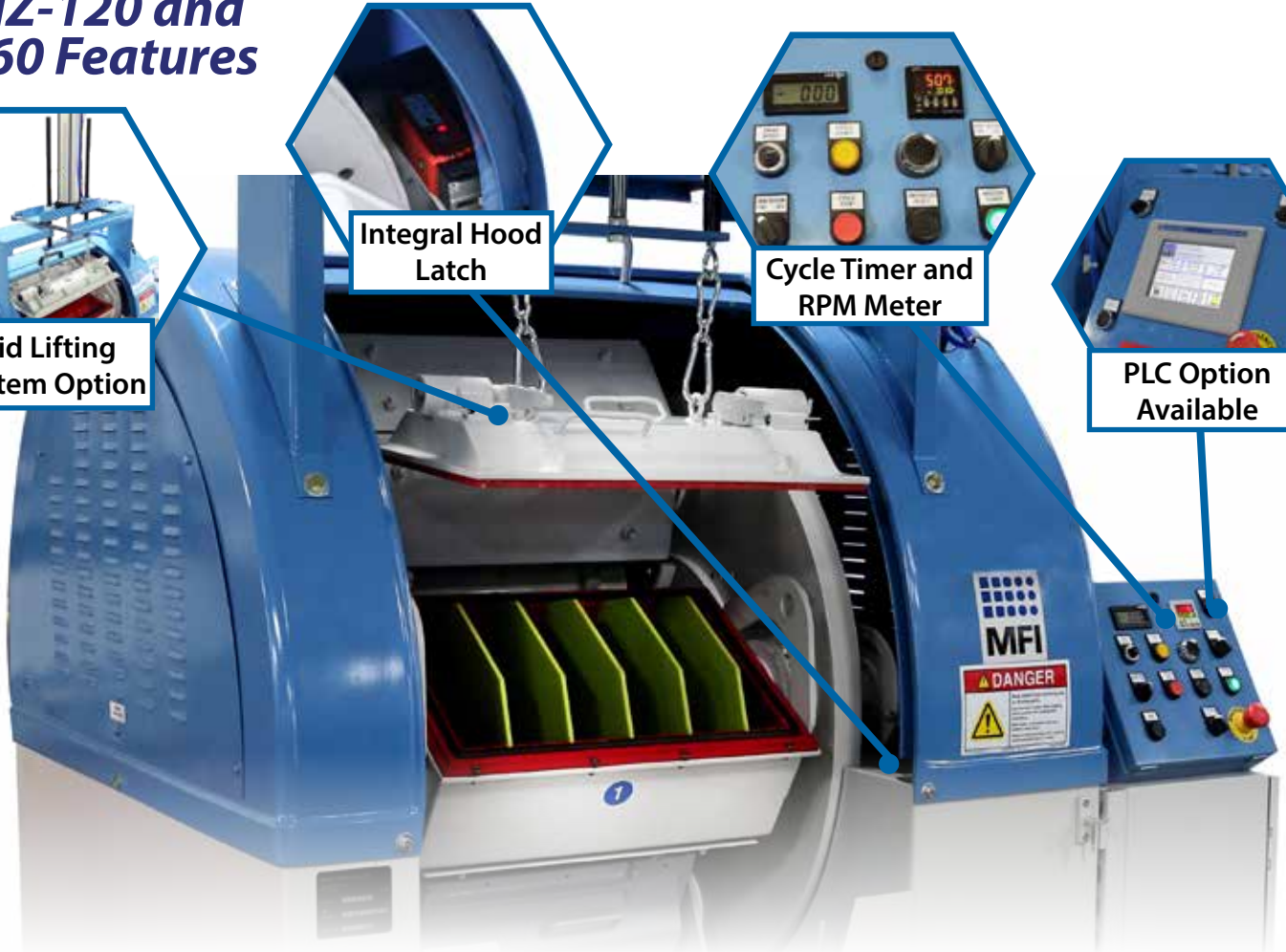
Integral Hood Latch



Cycle Timer and RPM Meter



PLC Option Available



Featured Accessory

Optional Accessories

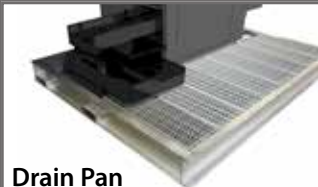
Media and Parts Separating System



PLC Control System



Barrel Dividers



Drain Pan



Processing Table with Sludge Tank

Special Features:

Full Size Production- The HZ-220 provides more than double the capacity and efficiency over the compact centrifugal barrel tumblers like the HZ-120 and HZ-60.

Deep Barrels- The HZ-220 and HZ-330 feature deep one foot diameter barrels that can be divided up 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 135 RPM, allow for aggressive deburring and edge radiusing.

Safe and Easy Operation- The integral hood switch and two-button jog requirement makes the HZ-220 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-220
CENTRIFUGAL BARREL FINISHER

HZ-330
CENTRIFUGAL BARREL FINISHER

Specifications	HZ-220	HZ-330
Main Motor HP	15	30
Barrel Rotation Motor HP	2	2
Voltage	230/460	230/460
Total Capacity	8 Cu. Ft.	12.8 Cu. Ft.
Shipping Weight	5200 lbs.	6800 lbs.
Dimensions LxWxH	81"x57"x75"	90"x56"x80"
Barrel Length/Diameter	27.5"x11.5"	42"x12"
Max RPM	135	115

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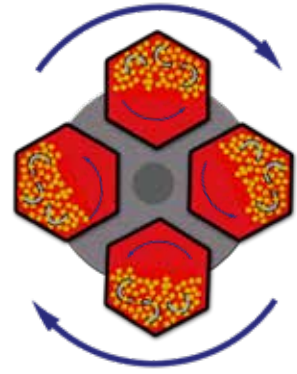
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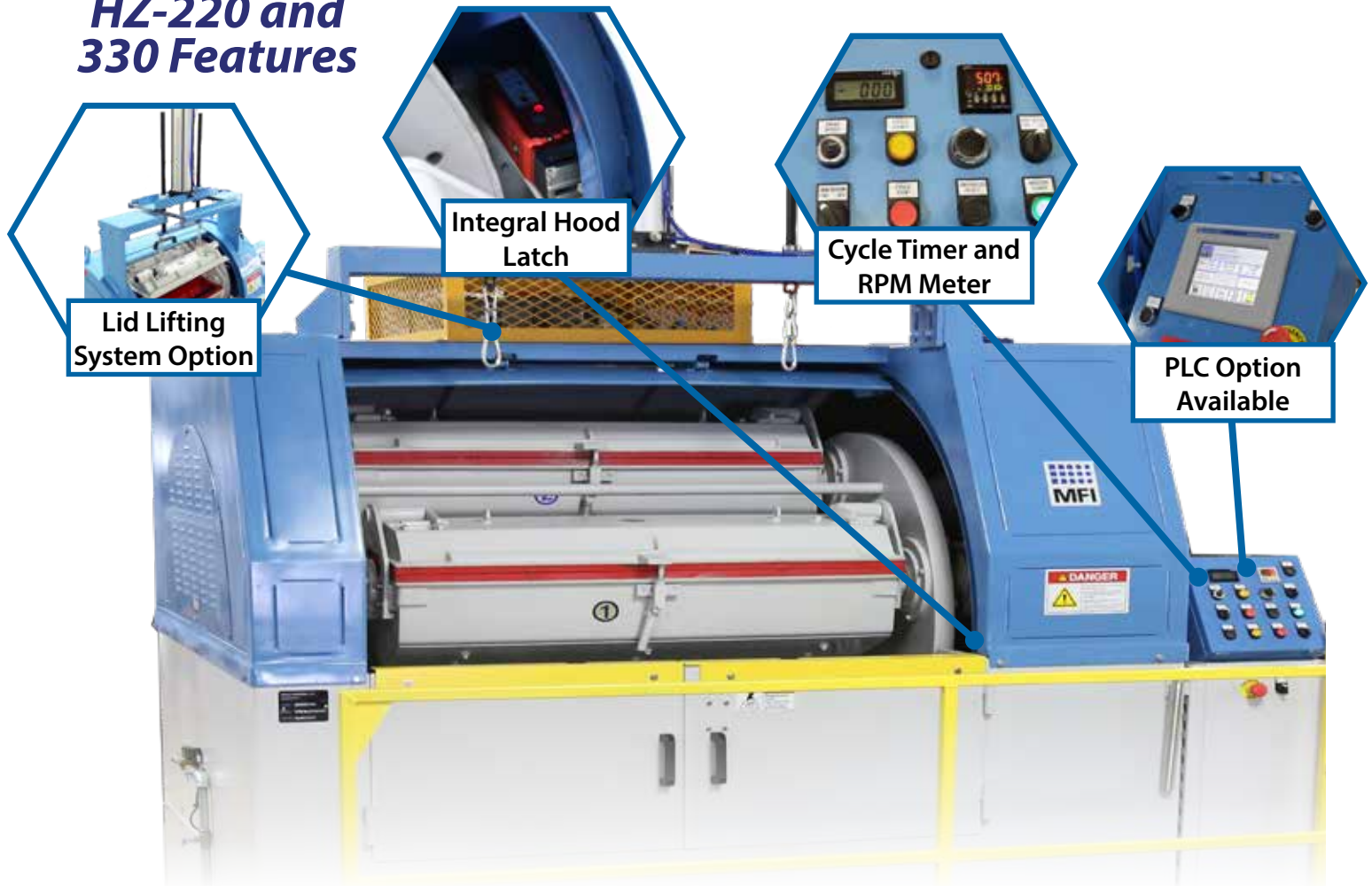
How it Works

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

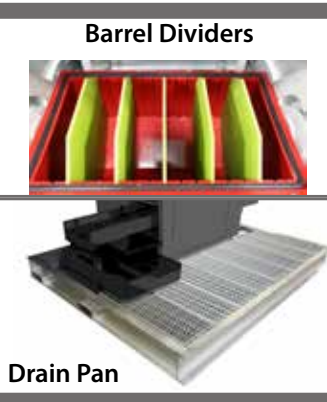
barrel. This motion causes parts and media to contact each other in random or isotropic directions. The resulting finish is consistent across the entire surface of the part. MFI provides complete sample processing, and stocks all required media and supplies.



HZ-220 and 330 Features



Featured Accessory Optional Accessories



Special Features:

Industrial Construction- MFI's free standing separator is made with heavy duty stainless steel. It is made for repeated and constant use in industrial applications.



Mobile- The PSA-1660 is mounted on heavy duty caster wheels that make it easy to maneuver around your shop or production facility. When the machine is not in use you can wheel it away.



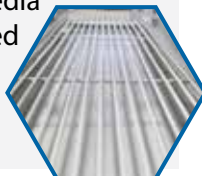
Variable Frequency Control- The variable frequency drive allows you to control the speed of the vibration of the separator screen. This gives you the ability to adjust the separation.



Catch Bins- Included with the PSA-1660 media separator are two drain bins and a parts catch bin. The drain bins easily slide out from under the lower deck of the separator.



Customization- MFI will work with clients to figure out the best solution for separating media from parts. We have created custom bar screens, feed heights and catch bins.



How It works- The PSA-1660 media separator utilizes two .15 hp shaker motors which are harmonized to create the vibration needed to separate media from parts. When the operator dumps media and parts onto the screen, media falls through the screen while parts stay on top. Screens are removable and come standard in 1/4 inch increments.

Specifications

Drive Unit	230v 3 Phase, 60 Hertz Converted to 120v
Feed Height	33.75" to 35.50"
Discharge Height	29.5"
Shipping Weight	500 Lbs.
Screen Dimensions (removable)	15"x60"
Screen Openings	1/4" Increments (Custom Available)

Special Features:

Industrial Construction- MFI's processing table and sludge tank are built using PVC and 1/8" thick aluminum. They are designed to hold up to the rigors of industrial finishing.



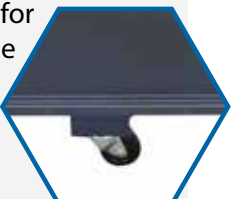
Smart Design- The counter space of the MFI Processing Table is water-tight to allow for easy cleanup. The sink is sized to perfectly fit MFI's media drain basket. Incorporating the table can drastically increase your production



Simple Operation- The sludge tank utilizes a standard sump-pump for the removal of waste water. There are no filters or other catch bins to clean. Pumps can be easily replaced off the shelf.



Mobility- The sludge tank sits on nine caster wheels. This allows you to move to an easy location for cleaning. MFI offers sludge tank pellets to make cleanup even easier.



Specifications

Frame	2"x2"x1/8" Aluminum
Table	72" L x 32" W x 38" H
Sink	32" L x 15" W x 14" H
Back Splash	72" L x 8" W x 20" H
Sludge Tank	66" L x 27" W x 16" H



How It Works- Water that drains from the table into the sludge tank enters the first compartment. As the compartment fills the water travels through the baffling to the second and third compartment where it is pumped out.

RF-Series

CENTRIFUGAL DISC FINISHERS

Disc Features:

Flexibility - RF Series disc finishers can perform a wide variety of finishing applications from coarse grinding to delicate polishing. RF Disc Finishers can perform operations such as deburring, descaling, polishing, cleaning and removing flash.

Efficiency- RF Series Centrifugal Disc machines can finish parts up to five to ten times faster than vibratory machines. While still slower than barrel tumblers, disc machines offer similar energy.

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 allow for aggressive deburring and edge radiusing.

Adjustable Gap- A critical operation point on disc machines is the gap between the moving base and the stationary tub wall. MFI RF-Series machines feature gap adjustment bolts to ensure media and parts are not entering the gap.

Models for all Budgets- Standard disc finishers are less expensive than centrifugal barrel tumbling machines. This makes them an appealing option for startups and lower cost applications.



RF-100

RF-50

RF-20



RF-300A Fully Automated System

The fully automated versions of the RF-Series feature a loading and unloading system along with a built in media separator for continuous operation. The unit is controlled entirely through a touchscreen PLC interface.

How it Works

RF-Series Disc Finishers utilize a stationary barrel wall with a spinning disc at the base. The spinning disc causes the media and parts to move upward and rub against the stationary polyurethane wall of the barrel. This continuous rolling and flowing motion creates the finishing action.

Parts and media contact each other in random or isotropic directions. The resulting finish is consistent across the entire surface of the part. MFI provides complete sample processing, and stocks all required media and supplies.



Disc Features



Available Models and Specifications

	RF-20	RF-50	RF-100	RF-100A	RF-200	RF-200A	RF-300A	RF-400A
Capacity	.7 Cu. Ft.	1.5 Cu. Ft.	3.0 Cu. Ft.	3.0 Cu. Ft.	6.0 Cu. Ft.	6.0 Cu. Ft.	9.9 Cu. Ft.	12.1 Cu. Ft.
Working Capacity	.7 Cu. Ft.	1.5 Cu. Ft.	2.1Cu. Ft.	2.1 Cu. Ft.	3.6 Cu. Ft.	3.6 Cu. Ft.	4.5 Cu. Ft.	7.5 Cu. Ft.
Overall L x W x H	33"x33"x49"	50"x37"x 44"	60"x40"x52"	60"x40"x52"	93"x77"x56"	93"x77"x56"	121"x84"x55"	136" x 90" x 61"
Tub Size	11"x11.5"	20"x15"	24" x 15"	24" x 15"	34" x 20"	34" x 20"	36" x 21"	42" x 25"
Motor	1hp	2 hp	5 hp	5 hp	7.5 hp	7.5 hp	7.5 hp	15 hp
Weight	575 lbs.	850 lbs.	1,215 lbs.	5,955 lbs.	1,425 lbs.	5,955 lbs.	6,615 lbs.	8,380 lbs.
Voltage	230 or 460	230 or 460	230 or 460	230 or 460	230 or 460	230 or 460	230 or 460	230 or 460



Media Selection

Finding the right media to produce your desired finish is just as critical as finding the right equipment. With more than three decades of experience in the polishing and deburring industry, Mass Finishing can quickly determine the best media and process for your finishing job. While the composition of the media is important, the shape can also affect the performance on particular parts.



Ceramic

Commonly used in first steps for heavy deburring and grinding on harder ferrous metals. This media comes in a wide spectrum of shapes. Varying levels of abrasive can increase or decrease its cutting power.



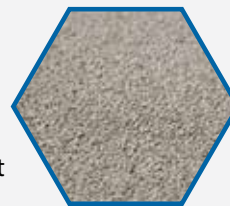
Plastic

Used in both first and second step processes on softer non-ferrous metals, plastic media can produce an edge radius and prepare the surface of the part for plating, anodizing or polishing.



Porcelain

This heavy media contains no abrasive or cutting power and works well for providing polish and an edge radius. High durability allows it to last longer than other media.



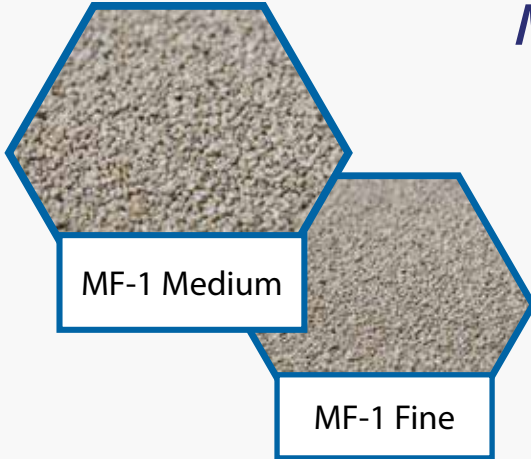
Dry Media

MFI manufactures a variety of dry corn cob media that contains a variety of ingredients that promote polishing and burnishing of parts.



Liquid and Powder Compounds

MFI typically uses liquid additives like soaps and polishing agents in wet processes. In dry tumbling powder compounds are used to promote longevity of media and increase burnishing performance. MFI works with customers to develop a process which includes the proper combination of media and additives.



MFI Corn Cob

5501-10001	MF-1 FINE, 20/40 (No Polishing Paste)
5501-10002	MF-1 MEDIUM, 10/14 (No Polishing Paste)
5501-10003	MF-1 BLEND, 5/8 & 10/14 (No Polishing Paste)
5501-30001	MF-3 FINE, 20/40
5501-30002	MF-3 MEDIUM, 10/14
5501-30003	MF-3 BLEND, 5/8 & 10/14
5501-20002	MF-3F MEDIUM, 10/14 (No Stearic Acid)
5501-50001	MF-5 Cutting Cob MEDIUM, 10/14 (No Stearic Acid)



Other Corn Cob Varieties

5500-60005	SB-10 Corn Cob
5500-60010	Hi-Lite #10 Corn Cob (10/14 mesh size)
5500-60020	Hi-Lite #20 Corn Cob (20/40 mesh size)
5500-60014	TTC #10 Corn Cob



Plain and Specialty Cob

5500-61010	10/14 PLAIN COB
5500-61014	20/40 PLAIN COB
5500-61020	SLUDGE TANK PELLETS (40 lb Boxes)

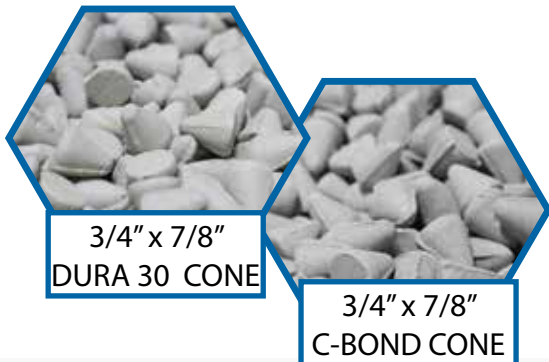
Not seeing the right size and shape on the list?

What we have listed here is our most commonly used media. If you're not sure what media is right for you, or if you think you need a custom size or shape, please contact us at sales@massfin.com or by calling 1-888-260-6277.

Ceramic Cylinders



5500-10010	1/8" x 11/32" DURA 30 CYLINDERS
5500-10014	1/8" x 11/32" C-BOND CYLINDERS
5500-10018	1/8" x 11/32" XC CYLINDERS
5500-10050	3/16" x 11/32" (3/8") DURA 30 CYLINDER
5500-10053	3/16" x 3/8" DURA 140 CYLINDERS
5500-10100	5/16" x 9/16" (5/8") DURA 30 CYLINDERS
5500-10220	3/8" x 5/8" DURA 30 AC-45 CYLINDERS
5500-10260	1/2" x 7/8" DURA 30 CYLINDERS
5500-10276	7/8" x 1-3/4" DURA 30 CYLINDER
5500-10298	5/16" x 9/16" C-BOND CYLINDERS
5500-10285	3/16" x 3/8" AH-41 ACC-22 CYLINDERS



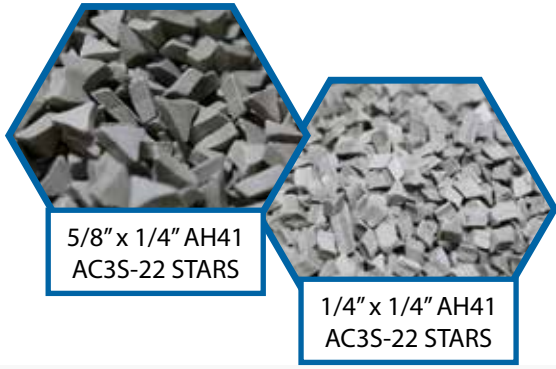
Ceramic Cones

5500-10320	1/2" x 5/8" DURA 30 CONES
5500-10330	3/4" x 7/8" DURA 30 CONES
5500-10350	1 1/4" x 1 1/4" DURA 30 CONES
5500-10364	3/4" x 3/4" AH-41 CONES
5500-10365	3/4" x 7/8" C-BOND CONES

Ceramic Triangles



5500-10410	3/8" x 1/4" DURA 30 TRIANGLES
5500-10412	5/8" x 5/8" DURA 30 TRIANGLES
5500-10415	3/8" x 7/16" DURA-120 TRIANGLES
5500-10417	7/8" x 3/8" DURA 30 TRIANGLES
5500-10421	7/8" x 7/8" DURA 30 TRIANGLES
5500-10700	3/8" x 3/8" C-BOND TRIANGLES
5500-10801	7/8" X 5/16" C-BOND TRIANGLES
5500-10810	1-1/8" x 5/16" C-BOND TRIANGLES



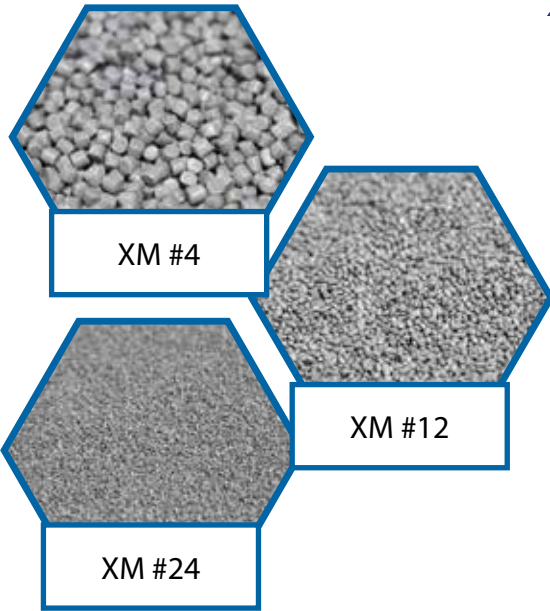
Ceramic Stars

5500-10610	5/8" x 1/4" DURA 30 STARS
5500-10611	7/8" x 3/8" DURA 30 STARS
5500-10601	5/8" x 1/4" AH41 AC3S-22 STARS
5500-10602	3/8" x 3/8" AH41 AC3S-22 STARS
5500-10603	1/4" x 1/4" AH41 AC3S-22 STARS



Ceramic Tri-Stars

5500-31010	4.1mm x 4.6mm HRS CUTTING TRI-STAR
5500-60400	.06/.06 DZ RM TRI-STAR
5500-60405	.04/.04 DZ RGS TRI-STAR
5500-60406	10/10 DZ RM TRI-STAR
5500-60407	15/15/06 EZ RS TRI-STAR
5500-60430	10/12 DZ RM TRI-STAR



XM Media

5500-30024	XM #3
5500-30029	XM #4
5500-30030	XM #5
5500-30040	XM #6
5500-30050	XM #8
5500-30060	XM #10
5500-30065	XM #12
5500-30070	XM #14
5500-30072	XM #16
5500-30075	XM #18
5500-30077	XM #20
5500-30080	XM #24
5500-30090	XM #36

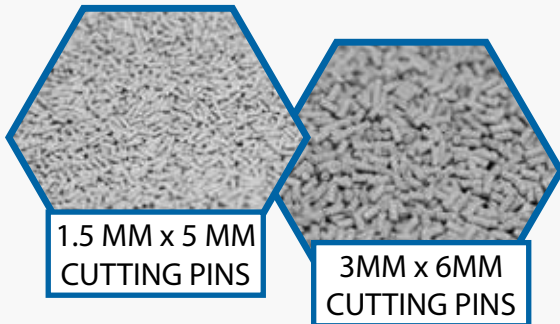


Ceramic Mixes

5500-70032	DENTA CERAMIC MIX - 50 LB. BOX
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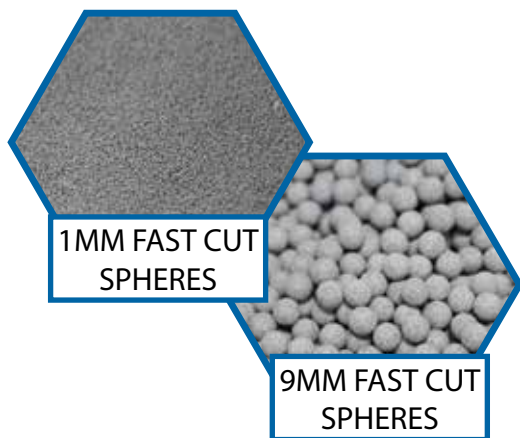
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Ceramic Cutting Pins

5500-21012	2.5MM x 8MM CUTTING PINS
5500-21013	1.5 MM x 5 MM CUTTING PINS
5500-21015	3MM x 6MM CUTTING PINS



Ceramic Cutting Spheres

5500-50000	1MM FAST CUT SPHERES
5500-21000	2MM FAST CUT SPHERES
5500-50100	3MM FAST CUT SPHERES
5500-50110	4MM FAST CUT SPHERES
5500-50115	5MM FAST CUT SPHERES
5500-50120	6MM FAST CUT SPHERES
5500-50121	7MM FAST CUT SPHERES
5500-50122	8MM FAST CUT SPHERES
5500-50124	9MM FAST CUT SPHERES



Ceramic Cutting Triangles

5500-21050	2 x 2 MM FAST CUT GRAY TRIANGLES
5500-21051	3 x 3 MM FAST CUT GRAY TRIANGLES
5500-21052	4 x 4 MM FAST CUT GRAY TRIANGLES
5500-21053	4 x 8 MM FAST CUT GRAY TRIANGLES
5500-21054	6 x 6 MM FAST CUT GRAY TRIANGLES
5500-21055	3 x 6 MM FAST CUT GRAY TRIANGLES



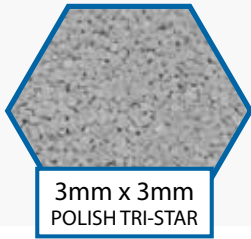
Porcelain Polishing Pins

5500-40010	1.3 x 3MM POLISHING PINS
5500-40020	1.7mm x 5mm POLISHING PINS
5500-40039C	2MM x 8MM POLISHING PINS
5500-40040	2.5MM x 8MM POLISHING PINS
5500-40055	3MM x 10MM POLISHING PINS
5500-40056	4.5MM X 14MM POLISHING PINS



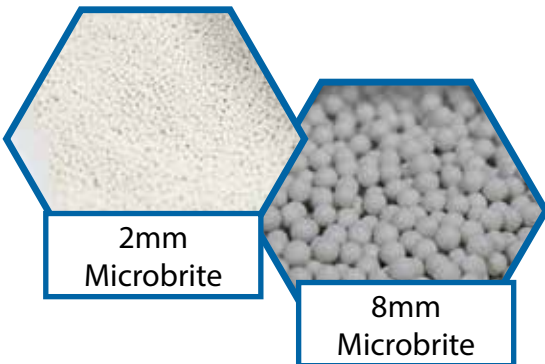
Porcelain Polishing Triangles

5500-40064	2mm x 2mm POLISHING TRIANGLES
5500-40065	3mm x 3mm POLISHING TRIANGLES
5500-40066	4mm x 4mm POLISHING TRIANGLES
5500-40067	6mm x 6mm POLISHING TRIANGLES



Porcelain Polishing Tri-Star

5500-41010	3mm x 3mm POLISH TRI-STAR
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Porcelain Microbrite Spheres

5500-20010	1MM MICROBRITE SPHERES
5500-20015	2MM MICROBRITE SPHERES
5500-20020	3MM MICROBRITE SPHERES
5500-20030	4MM MICROBRITE SPHERES
5500-20040	5MM MICROBRITE SPHERES
5500-20050	6MM MICROBRITE SPHERES
5500-20060	8MM MICROBRITE SPHERES
5500-20080	10MM MICROBRITE SPHERES
5500-20085	11MM MICROBRITE SPHERES

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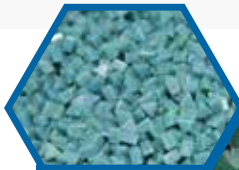
1/2" x 9/16" XG
CONES



V-2030 12mm
(1/2") Cones

Plastic Cones

5500-60040	9/16" RTC MEDIA CONE #2000
5500-60049	3/4" RTC #4000 M2 CONES
5500-60050	9/16" RTC #4000 M2 CONES
5500-60054-1	9/16" TTC #4000 M2 CONES
5500-60062	3/4" RTC #2000 CONES
5500-63010	V-2030 12mm (1/2") CONES
5500-60025	9/16" PPP RT CONES
5500-60026	3/4" PPP RT CONES
5500-10368	5/8" x 7/8" X CONES
5500-10371	3/4" x 3/4" X CONES
5500-10377	3/4" x 3/4" XV-1 CONES
5500-10367	3/4" x 3/4" XV CONES
5500-10384	1/2" x 9/16" XG CONES



#4000 M2 3/8"
MINI T TRIANGLES



2000 MT MEDIA 7/8"
TRIANGLES PMC

Plastic Triangles

5500-60052	#4000 M2 MT 7/8" TRIANGLES
5500-60065	#4000 M2 3/8" MINI T TRIANGLES
5500-600552	#2000 MT MEDIA 7/8" TRIANGLES PMC

Plastic Pyramids

5500-10510	1/4" x 1/4" XV PYRAMIDS
5500-10511	1/4" x 1/4" X PYRAMIDS
5500-10522	3/8" x 3/8" X PYRAMIDS
5500-60031	1/4" x 1/4" #2000 PYRAMIDS
5500-60069	3/8" #4000 M2 PYRAMIDS
5500-60073	3/4" #4000 M2 PYRAMIDS
5500-10527	1/4" C-XG PYRAMIDS



1/4" x 1/4" XV
PYRAMIDS



1/4" C-XG
PYRAMIDS

Plastic RG Cone and Pyramids

5500-50010	RG-22 1/2" CONES
5500-50020	RG-11 3/8" CONES
5500-50040	RG-33 3/4" CONES
5500-50050	RG 1/4" CONES
5500-50051	RG 1/4" PYRAMIDS
5500-50052	RG 3/8" PYRAMIDS

Synthetic Cones

5500-10369	1/2" x 9/16" SM CONES
5500-10370	1/2" x 9/16" SX CONES
5500-10374	3/4" x 3/4" SX CONES
5500-10379	1/2" x 9/16" SYDC CONES
5500-10380	3/4" x 3/4" SV CONES
5500-10381	3/4" x 3/4" SY CONES



Free Sample Processing

Let us show you what Mass Finishing machines and media can do on your parts. Send in your samples and we'll determine the best equipment and process for finishing them efficiently. A small sampling of the thousands of parts we've done are shown here.



Not seeing the right size and shape on the list?

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TS Compound

5400-10001	TS COMPOUND - 1/2 GALLON JUG
5400-10002	TS COMPOUND - 5 GALLON BUCKET
5400-10010	TS. COMPOUND - 55 GALLON DRUM



Metal Magic

5400-10050	METAL MAGIC- 55 GALLON DRUM
5400-10051	METAL MAGIC- 5 GALLON BUCKET
5400-10052	METAL MAGIC - 1/2 GALLON JUG



RP-100

5400-10065	RP-100 RUST INHIBITOR - 55 GALLON DRUM
5400-10065-1	RP-100 RUST INHIBITOR - 5 GALLON BUCKET
5400-10065-2	RP-100 RUST INHIBITOR - 1/2 GALLON JUG



Low Foam Control

5400-30010	LOW FOAM CONTROL - 55 GALLON DRUM
5400-30010-1	LOW FOAM CONTROL - 5 GALLON BUCKET
5400-30010-2	LOW FOAM CONTROL - 1/2 GALLON JUG



Beads

5500-68010	POLY-PLUS 20-30 BEADS
5500-68015	LUBRIGLIDE BEADS



Aluminum Oxide

5500-60610	36 GRIT ALUMINUM OXIDE
5500-60612	80 GRIT ALUMINUM OXIDE
5500-60611	100 GRIT ALUMINUM OXIDE
5500-60615	120 GRIT ALUMINUM OXIDE
5500-60617	180 GRIT ALUMINUM OXIDE
5500-60625	200 GRIT ALUMINUM OXIDE
5500-60626	220 GRIT ALUMINUM OXIDE



MFC-3 Compound

5400-10075	MFC-3 COMPOUND - 400 LB. DRUM
5400-10076	MFC-3 COMPOUND - 40 LB. BOX



360 Compound

5400-10020	360 COMPOUND - 300 LB. DRUM
5400-10021-1	360 COMPOUND - 50 LB. BOX



Radiance 2

5400-10030	RADIANCE 2 COMPOUND - 200 LB. DRUM
5400-10031-1	RADIANCE 2 COMPOUND - 25 LB. BOX



Corn Cob Powder

5400-10040	CORN COB POWDER - 50 LB. BOX
5400-10042	CORN COB POWDER - 8 LB CONTAINER

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VM-Series

VIBRATORY BOWL FINISHER

The VibeMaster Series, compact, state-of-the-art, high-energy vibratory system features an extended screen deck plus a low-profile, curved-wall construction. A heavy-duty motor deliver reliability and efficiency all within a compact, space-saving footprint. Sizes range from 0.5 cu. ft. to 10.6 cu. ft.



VM-3

LR-Series

VIBRATORY BOWL FINISHER

Almco's "LR" Series Of Round Bowl Vibratory Tubs Are Well Suited For Both Thru-Feed And Batch Processing Of Parts. The "Lr" Machines Are Capable Of Using A Wide Variety Of Medias And Compounds To Attain The Desired Finish. Ideal for once around and out part flow for high volume parts with short cycle times. Sizes range from 4.2 cu. ft. to 38.8 cu. ft.



OR-5VLR

SBB-Series

LARGE VIBRATORY BOWL FINISHER

Almco's "SBB" series Of Round Bowl Vibratory Tubs feature a spiral bottom bowl (SBB) are well suited for both thru-feed and batch processing of parts. These machines are heavy-duty enough for steel ball burnishing and are capable of using a wide variety of media and compounds to attain your desired finish. Two sizes are available one at 12 cubic feet and the other at 24 cubic feet.



SBB-12

V and VB-Series

BATCH VIBRATORY UNIT

Almco's "VB" Series of vibratory tubs are an economically priced batch vibratory machine with end "plug type" door discharge. They range in capacity from 1 to 12.7 cu. ft. The V-Series tubs are much larger and robust for finishing larger parts. They range in size from 2.5 to 192 cu. ft.



VB-1631

VB-26



V-16TF

Thru-Feed

CONTINUOUS TUB FINISHERS

Thru-feed machines are ideally suited for high volume, short-cycle deburring and finishing of castings, stampings, and forgings. These machines are excellent to incorporate with optional automatic parts load and unloading mechanisms for increased efficiencies. They range in size from 8 to 192 cu. ft.



2SF-48RA

SF-Series

SPINDLE FINISHING MACHINES

Abrasive slurry moving at speeds up to 1000 surface feet per minute process large parts or clusters of small parts on spindle mounted chucks. Delivers precision finishing of gears, bearing cages, splined shafts, pump rotors, jet compressor discs, jet blades, and other complex parts. The part size these machines can handle ranges from 2.5 to 16 inches in diameter.



Both Almco and MFI are part of the same employee owned holding company, Innovance. This relationship allows both companies to provide a wider array of standard and custom solutions for their customers. Almco is a state-of-the-art manufacturer of vibratory deburring, washing, cleaning and metal finishing products.



About Mass Finishing, Inc.

Mass Finishing is an industry leader in polishing and deburring machines based in Howard Lake, MN. MFI's Tumbling and Vibratory machines are designed to finish and debur parts in mass quantities in a fraction of the time it would take to finish just one part by hand.

With over two decades of experience, Mass Finishing has developed thousands of processes to handle any troublesome job. New customers are often amazed at the finished quality of their parts after just one cycle through our polishing machines.

In 2016, Mass Finishing was acquired by Albert Lea, MN based Innovance. MFI maintains sales and production out of Howard Lake, MN and is now 100% employee owned.



1060 Commerce Blvd
Howard Lake, MN 55349
www.massfin.com
sales@massfin.com
1(888) 260-6277

Mass Finishing, Inc. is a 100% employee owned company. It is part of Innovance, a holding company for a family of industrial manufacturing businesses.

