

FINISH•MASTER™

# AutoHone™ Robotic Reverse Drag Finisher



■ Tool Honing



■ Pill Punches



■ Medical Implants



■ FMAH-3011



## Features & Benefits

- Extremely Fast Cycle Times
- Digital PLC with Color Touch-Screen
  - Several Configurations Available
  - Optional Integral Cleaning & Drying Stations Available
- Fully Automated

[www.belairfinishing.com](http://www.belairfinishing.com)

Robotic Deburring, Polishing, & Honing

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# FINISH•MASTER AutoHone™ RD Series

The **Bel Air AutoHone™** is a robotic honing and polishing machine that employs Bel Air's tried and true **Reverse Drag Finisher** technology. In the reverse drag finishing process, the process media is moved at a high rate of speed. This high speed causes the media to "stream" across the work piece. When the stream hits the work piece, it produces a high-energy "wave", much like a wave in the ocean. This process, when coupled with the infinite degree of part articulation provided by the six-axis robot allows for a complete, even and repeatable process that is not achievable by hand finishing, or other types of equipment.

This method provides for dramatically decreased process times over standard drag finishing when used for tool honing or polishing. For some items, process times as short as five seconds are achievable. The **AutoHone™** allows for a completely automated process requiring virtually no operator involvement.

Options such as integrated ultrasonic cleaner and air blow-off stations allow for a complete turnkey solution. Models without the robot are offered for integration with your current equipment.

Model	Tub Diameter & Qty	Robot Qty	Electrical
FMAH-3011	(1) 30"	(1) Small	230v/60Hz/3ph
FMAH-3012	(1) 30"	(2) Small	230v/60Hz/3ph
FMAH-3021	(2) 30"	(1) Small	230v/60Hz/3ph
FMAH-4811	(1) 48"	(1) Small	230v/60Hz/3ph
FMAH-4812	(1) 48"	(2) Small	230v/60Hz/3ph
FMAH-4821	(2) 48"	(1) Small	230v/60Hz/3ph

**NOTE:** Many configurations are available and can include upgrades to larger robots, custom palletizing, cleaning, & drying stations. Call us for a quotation specific to your application. Final machine dimensions can vary and will be provided at time of quotation.

## Cutting Tools

- Micro honing cutting edge
- Surface polishing to enhance chip flow
- Polishing of coated surfaces to increase life
- Results show tool life is increased dramatically

## Deburring & Polishing

- Medical implants
- Automotive high performance parts
- Aircraft engine components
- Electronic / Electrical
- Hardware / Tools



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