

Hammond **ROTO
FINISH**

S I N C E 1 8 8 1

AMMUNITION FINISHING



Surface. Finish. Experts.

CHOOSE THE SURFACE FINISH EXPERTS...

Then and now.

Hammond Roto-Finish, the oldest name in surface finishing technology offers the complete package for cleaning, de-burring and surface finishing for ammunition production. With over 120 years of expertise in product design and finish process technology, the hands-on experience level of the innovative sales and manufacturing team at Hammond Roto-Finish extends back to the very beginning of mass finishing. The core technology we designed and developed in the beginning has continued to adapt to changes in the manufacturing technologies of today. We continue to be pioneers in the development of new technology to address the needs of an ever evolving industry.

WE OFFER MULTIPLE WAYS TO PERFORM THE SAME TASK...

Let us find the perfect fit for you.

Hammond Roto-Finish builds machinery and designs processes for finishing metal parts. The end result of our wide range of machines is a perfectly finished product – however the process by which this is achieved this is different for all. Do you prefer to finish smaller quantities of product independently or need to process a high volume of ammunition coming directly off the production line? Do you require a dry or wet media process? Large or small, we can fill the demands of every aspect you have for cleaning, de-scaling, and polishing ammunition cases, projectiles, or assembled cartridges. The machine and process solution may be one of the standard off-the-shelf products we offer or specifically designed and built to suit your individual needs. The Hammond Roto-Finish experts will find the perfect solution for your business.

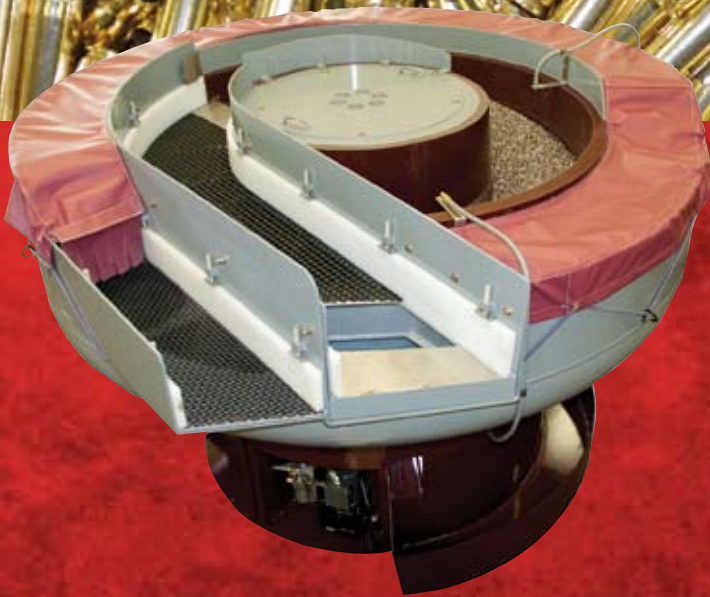
MINUTE, MEDIUM OR MAMMOTH...

We've got you covered.

We have direct experience with all calibers of small arms ammunition up to 20 mm, as well as several sizes of ordinance. Our Spiratron®, Multi-Pass® and Roto-Max® machines are capable of processing a vast size range of product. The leading question we are often asked is "How many and how fast?" Our answer to that is "How many and fast would you like?" We have a wide range of machine and finishing processes to meet your needs. Choose from: Vibratory Batch Finishing, Vibratory Continuous Finishing or Centrifugal Batch Finishing methods.



VIBRATORY FINISHING



BATCH PROCESS MACHINE SPECIFICATIONS:

SPIRATRON®

Vibratory Finishing Machines (Single and Combo)

- Machine capacities from 2 cubic feet (56L) to 100 cubic feet (2,83L).
- Combo machines range from 2 cubic feet (56L) to 18 cubic feet (509L).
- Combo machines feature burnishing and drying within the same process machine... reducing floor space and capital investment.



MEDIA ACCEPTED <

STAINLESS STEEL
OR CARBON STEEL

CLEANING COMPOUND <

XL-580 MATERIAL

PROCESS TIME <

10-20 MINUTES

VIBRATORY FINISHING



CONTINUOUS PROCESS MACHINE SPECIFICATIONS:

MULTI-PASS®

Continuous Feed Vibratory Burnishing Machines

- Machine capacities from 1/2 cubic feet (14L) to 35 cubic feet (1,005L).
- Self-contained part and media separation for optimized floor space.
- Heavy duty construction featuring tank-head design minimizing structural fatigue from excessive fabrication welding.
- Capable of steel media processing...allowing for higher control of caliber ranges without media lodging.



Example reflects
a 7 cu. ft.
process machine

MEDIA <

STAINLESS STEEL

CLEANING COMPOUND <

XL-580 MATERIAL

PROCESS TIME <

5 to 6 minutes continuous fee rate of
1,400 pieces, .223 cases per minute
or 2,800 9 mm cases per minute

CENTRIFUGAL FINISHING

MEDIA <

Wet Process Stainless Steel

CLEANING COMPOUND <

XL-580 MATERIAL

PROCESS TIME <

4 to 20 minutes



BATCH PROCESS MACHINE SPECIFICATIONS:

ROTO-MAX REVOLUTION® Centrifugal Finishing Machines

- Machine capacities from 1 cubic feet (28L) to 6 cubic feet (2,83L).
- Produces finishing results at a rate of 10 to 15 times faster than vibratory machines.
- Wet or dry process capable machines.
- Capable of producing final unassembled cartridges.

MEDIA <

Dry Process Walnut Shell

CLEANING COMPOUND <

CB-16 WSW

PROCESS TIME <

4 to 20 minutes



Surface. Finish. Experts.

If your industrial part needs deburring, polishing, buffing, brushing, burnishing, descaling, grinding, washing/cleaning, or the surface improved or prepared for plating, Hammond Roto-Finish has a solution for you. As a machine manufacturer of both custom and stock machines with over 120 years of experience, we listen to our customers and offer solutions that will best suit their individual needs.

We are here to help you make your finishing needs more efficient and cost effective.

Please contact our sales department to answer questions or to arrange sending samples to our process lab for free testing.

Phone: (269) 345-7151

Fax: (269) 345-1710

1600 Douglas Avenue

Kalamazoo, Michigan 49007 - USA

www.hammondROTO.com

Sales@hammondROTO.com

Service@hammondROTO.com



Distance from Chicago: 145 miles/233 km
Distance from Detroit: 140 miles/225 km