

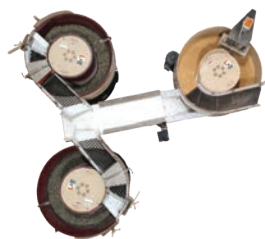
Vibratory Bowl Finishing Equipment

📍 2500, ave Watt, Québec (Qc) G1P 3T3, Canada

☎ (800)463-6668

📠 (418)877-0548

✉ info@montfort-international.com



HR Series

- Steel media capable
- Available as flat bottom
- Highly customizable features available

AVAILABLE MODELS:

1 Cubic Foot to 100 Cubic Feet

- Full 90° wrap-around separation screen
- Cob dry version available



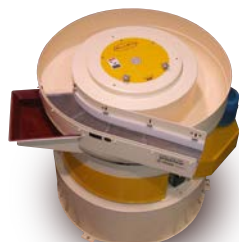
HR Combo

- One machine that processes and dries parts with a smaller footprint
- Steel media capable
- "U" shaped straight or curved wall processing bowl

AVAILABLE MODELS:

1 Cubic Foot to 29 Cubic Feet

- Machine features outside dryer channel
- Full 90° wrap-around separation screen
- Water driven compound system
- Highly customizable features available



HR Long Radius

- Steel media capable
- Higher amplitude and better feed for longer parts
- Capable of continuous or batch processing
- Available in straight wall, curved wall or flat bottom configurations
- Highly customizable features available

AVAILABLE MODELS:

HR-8 LR LRB, HR-8 LRFB, HR-15 LRFB, HR-20 LR LRB, HR-20 LRFB, HR-30 LR LRB, HR-30 LRFB, HR-40 LR LRB, HR-50 LR LRB



Multi-function System Designs Available



HR Long Radius Combo

- One machine that processes and dries parts with a smaller footprint
- Better feed for longer parts
- Single drive system with semi-automatic control panel
- Highly customizable features available

AVAILABLE MODELS:

HRC-8 LR/LRB, HRC-15 LR/LRB, HRC-20 LR/LRB, HRC-30 LR/LRB, HRC-40 LR/LRB, HRC-50 LR/LRB



Multi-Pass

- Continuous feeding, deburring/burnishing machine
- Integrated in bowl separation system
- First in first out processing capable

AVAILABLE MODELS:

MP 42-2-3, MP 54-2-4, MP 64-5-3, MP 66-4-3, MP 70-3-4, MP 80-4-4, MP 88-4-5, MP 94-5-4, MP 98-6-4, MP 100-4-6, MP 120-6-5, MP 120-10-2, MP 144-8-4, MP 154-8-4, MP 164-6-6



Gemini Spiratron®

- Medium frequency machines (1,800 RPM)
- Faster material removal than conventional vibratory machines

AVAILABLE MODELS:

GEMINI 4, GEMINI 7, GEMINI 12, GEMINI 20FB Only

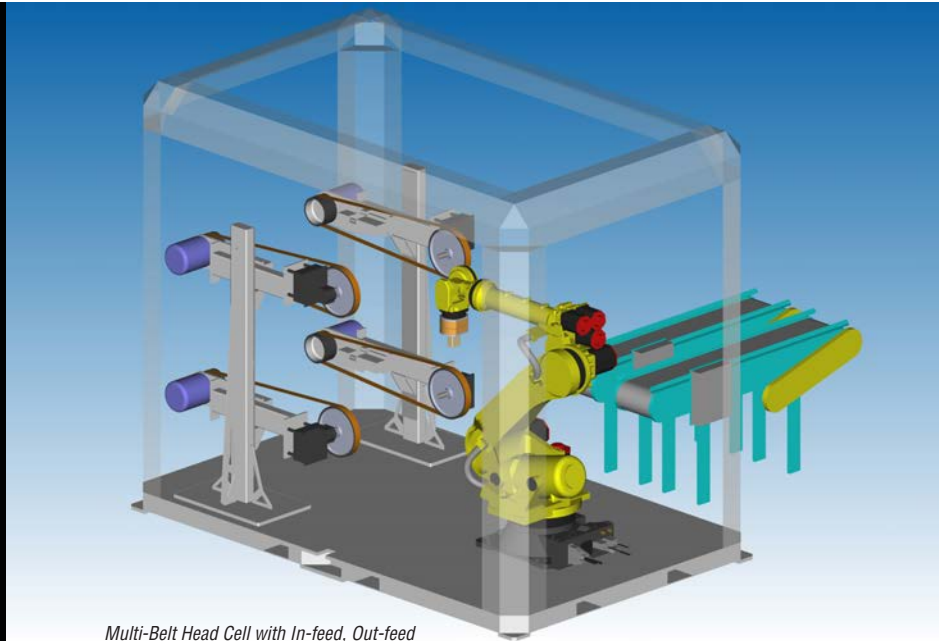
- Proven weldment design
- Metric fasteners for world market
- 2 year drive warranty

Official distributor

www.montfort-international.com

Hammond Roto Finish (HRF) designs and provides process development in our in-house process lab. Auxiliary equipment such as belt and buff heads, as well as dust collectors are manufactured by HRF.

By working directly with our customers, we can configure customized Robotic Cells to best suit your individual needs and help control costs.



Multi-Belt Head Cell with In-feed, Out-feed



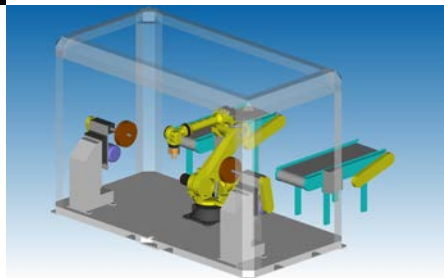
Quick Change Grippers for Automatic Change between Parts



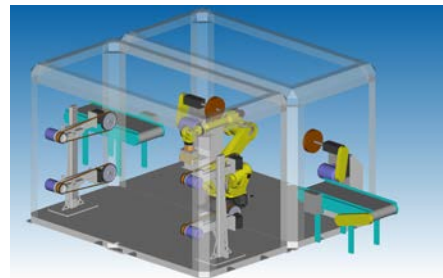
Formed Gripper for Small Parts



Cell Heads to Perform a Variety of Tasks, from Cleaning to Buffing, Descaling and Finishing



Dual Wheel Head Cell



Belt and Wheel Head Cell



Recipro-Blast® System



- 360° blast cloud within a confined space for superior performance over a deflector tip nozzle
- Customizable nozzle configurations
- Opposing or converging nozzles
- Remove scale from internal passage ways or recessed areas
- Clean core residue
- Remove flash and burrs
- Fully automated



Mini-Cell Enclosures



Fabricated Steel "House" Style Enclosures



V-Max®

- Up to 50% cycle time reduction over conventional vibratory machines
- Increased media-on-part contact time
- Ideal for chemical acceleration processing
- Semi-automatic control panel
- Water driven compound system

AVAILABLE MODELS:

VMAX-5 SL CL, VMAX-11 SL CL, VMAX-17 SPT, VMAX-17 CPT, VMAX-29 SPT CPT



RCB Centrifugal Barrel Finishing

- Centrifugal high energy tumbling
- Fast deburring or low ra finishing

AVAILABLE MODELS:

RCB-1, RCB-8-1, RCB Extended

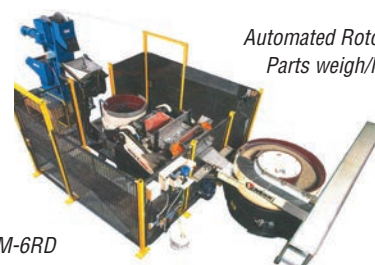


Roto Max® Centrifugal Disc Machine

- Centrifugal finishing machine
- Up-Flow® compound delivery system
- All-in-one machine processes, unloads onto built-in separator and reloads into process chamber

AVAILABLE MODELS:

RM-1, RM-2A, RM-2R, RM-2RD, RM-3R, RM-3RD, RM-6A, RM-6R, RM-6RD



Automated Roto-Max cell shown.
Parts weigh/load RM-2R, with
V-Max® polish.



Versa-Flow Drag-Finish

- High energy material and surface refinement
- Ideal for larger work pieces
- Capable of multi-part loads per tool



Versa-Flow Spin-Finish

- Perfect for parts that cannot have part-on-part contact
- Applicable for high value parts or where lean manufacturing single part flow is needed
- Parts are fixed using standard collets or special tooling on the spindle
- Tub revolves as range of speeds -
Can use aggressive abrasive for heavy burrs or fine wet/dry polishing media for producing very high color or low ra surface finish
- Robot adaptable



Specialty Vibratory Processes

- Fixation of workpiece produces high efficiency surface improvement
- Works well with high value parts
- Ideal for aerospace and orthopedic applications

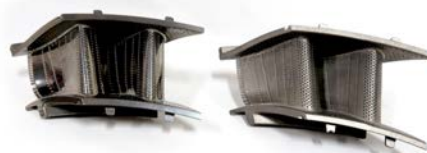


Finished with Part Fixation Technology

RCC-23

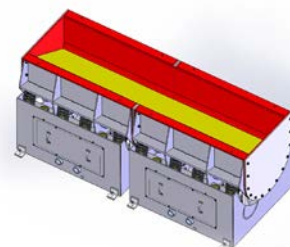


Vibratron SV-2496



*Fixation Vibratory Processes
for High Value Parts*

Vibratron SV-2448



*Machines can be Joined Together
for Longer Volume Capabilities*

Official distributor

Abrasive Belt & Brush Finishing Equipment

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Polishing & Buffing Lathes *CUSTOMIZABLE • HEAVY DUTY CONSTRUCTION*

- Cast iron base and spindle head construction
- Wide range of power options (5, 7, 10 & 15 hp)
- Single and dual drives available
- Available as a buffing or belt polishing combo
- Large digital speed (rpm) readout
- Built for years of constant duty use

AVAILABLE MODELS:

With Belt or Wheel Guards: 5-TDL & 5-VTDL, 7-TDL & 7-VTDL, 10-TDL & 10-VTDL, 15-TDL & 15-VTDL



Flat Finishing Machines *CUSTOMIZABLE CONFIGURATIONS • HEAVY DUTY CONSTRUCTION*

- Abrasive belt heads
- Capable of wet or dry processes
- Planetary brush heads
- Permanent neodymium magnet platen available
- Inline De-Mag capabilities
- Hold down rollers

AVAILABLE MODELS:

Wet or Dry: 9" or 18" width, plus head configurations



OD Finishers *CUSTOMIZABLE • HEAVY DUTY CONSTRUCTION*

- Capable of using belt, buff or wheel
- Wide range of power options (1, 5 or 7.5 hp)
- Both wet and dry processing configurations
- Automatic feeding systems
- Dust collection
- Filtered recirculation of coolant

AVAILABLE MODELS:

OD-1, OD-2D/W, OD-4D/W



Hammond Belt Grinder

Grinders

- Heavy duty foundry grade machines
- Versatile features
- Made in Kalamazoo, Michigan



Top Cover of Platen in open position

Universal Belt Grinder

AVAILABLE MODELS:

UBG-132, UBG-8-62, UBG-62-65

UBG-62-65 ON FDK-4 DusKolektor



DusKolektor™ Machines

CDK Model

- Cyclone and cartridge DusKolektor combination
- Less floor space and better filtration
- Extended cartridge life
- Wide range of applications



CDK-8

CDK-8
interior filter shown



DK-855
shown over Hopper

Hopper Base

A Hopper Base is available for any '55' model. It has a 34 cu. ft. cap., with sliding door and 30" high x 43" wide clearance for wheelbarrow unloading.



Custom DK-1455
shown with six cloth bags, Hopper base, and two 55 gal. drums

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SPECIALTY BLENDS



An Industry Leader for Over 60 Years

State of the art chemistry for the finishing world. For over 60 years Roto-Brite® by Hammond Roto-Finish has been the industry leader in innovative, quality, and cost effective chemical formulations (compounds) for finishing. With over 3000 formulations in our arsenal, we can provide the answer you need for your finishing problems. If you need something a little different we will develop formulations to meet your specific needs.

We recognize the uniqueness of each process and formulate products for specific applications and markets.

- **Roto-Brite®** Premium liquid, paste and dry compounds for Mass Finishing
- **Liqua-Brite** Economical compounds for Mass Finishing
- **Cobrite** Polishing pastes, pretreated cob meal, walnut shell and wood cubes
- **Quick-Cut** Accelerated finishing compounds for hard and soft steel
- **Roto-Clean** Industrial parts washing cleaners
- **Roto-Cycle** Patented recirculation compounds for Mass Finishing
- **Roto-Treat** Waste water treatment chemicals for Mass Finishing processes
- **Roto-Plenish** Highly specialized additives for recirculation systems
- **Power Buff** Specialty buffing compound

Waste Treatment

Waste reduction, cost savings and governmental compliance are driving forces to implement waste water minimization processes. Hammond Roto-Finish offers a wide range of options to suit your processing requirements.



WM-125D



WM-60



Roto-Settle

Abraded material and media swarf settle by gravity to the bottom of the tank as the fluid flows through the system on its way to the drain or back to the machines.

AVAILABLE MODELS:

RS-30, RS-150, RS-225, RS-700



Roto-Fuge

- Generates centrifugal forces up to 2000 times the pull of gravity to remove particles from the waste stream
- 3 chamber system
- Works with tumbling barrels, vibratory bowls/tub and centrifugal finishing systems

AVAILABLE MODELS:

RF-13, RF-13SA, RF-26, RF-26-700, RF-26A