



GIANT
MASS FINISHING EQUIPMENT

WE FINISH WHAT YOU START



Giant's final assembly and customer approval area where systems are "field" tested by the customer before shipping.

Custom Engineered for Efficiency and Economy

Every stamping, powdered metal and die cast customer is different. Just because you mass finish shouldn't mean you get a one-size-fits-all solution. Giant creates total turnkey solutions. You identify the problem. We come up with the solution that fits. The only thing you do is make the utility connections.

We're involved at every step. We survey your manufacturing process to see what machines

best fit your processes. We inquire about volume, size, what you want to do with the part, and where you want it to end up. We then engineer a machine or complete system for your consideration. Our custom-engineering will deliver equipment that you can depend on...for many years to come.

No matter what size operation, Giant's total solution engineering approach will help you reduce manpower and increase thru-put for noticeable difference in your bottom-line.



Giant engineers analyze your operation to create a custom-made, turnkey system that fits.

Giant Finishing is all about the final product. No matter what you make, if you bend it, stamp it, turn it, shear it, mold it or cast it, Giant can create custom finishing solutions that optimize your finishing thru-put.

In just over a decade we grew from a small supplier of bowls and tubs to one of the world's most complete manufacturers of finishing equipment and systems. From edge break to decorative polishing, total finishing is what you get from our comprehensive line of over 100 standard models, from vibratory bowls, tubs, cob dryers, and ovals, to continuous feed machines.

With our conveyors, loaders, hoppers, feeders, aqueous washers and dryers, Giant delivers a complete package that fits and works the first time. So, no matter what your finishing needs, from equipment to media to compounds, we can be your first and only stop.



OVAL STYLE FOR HIGH OUTPUT OPERATIONS

Giant's Oval models are ideal for continuous process and high production of small to medium parts (powdered metal, stampings, castings) with cycle times of 5 to 30 minutes. Standard machines feature 100 percent separation of parts and media, a spiral bottom, heavy duty bowl and base weldment, a removable cast polyurethane drain plug and cast urethane screen.

These steel media-ready machines are also equipped with a media discharge door and a parts discharge ramp. Machines are available in 15, 25, 35, 45, and 60 cubic foot models.



Giant's Oval styles are ideal for continual or batch production of small to medium parts.

FLAT OR SPIRAL BOTTOM VIBRATORY BOWLS FOR UNLIMITED APPLICATIONS

For part processing with no impingement, Giant's bowls with floating dividers get the job done.



Giant Finishing makes four cost-effective bowl units - flat or spiral bottom belt drive and flat or spiral bottom direct drive - for an unlimited range of batch applications.

Spiral bottom machines feature 100 percent separation of parts and media. Available options include full automation, electronic variable speed, PLC process controls, and many more.

Features include processing capacities of 3 to 40 cubic feet, heavy-duty bowl and base weldment, polyurethane lining, and removable cast polyurethane drain plug.

The GB Series comes with a removable cast urethane screen and a parts discharge ramp.

**GIANT'S COMPLETE
SYSTEMS SAVE TIME
AND MANPOWER**

Individual Giant Finishing components stand above the competition in quality and value. Put them all together and you get a system optimized for performance, profitability, and ease of use.

Complete Giant systems are ideal for high production applications for larger manufacturers that demand a continuous flow of deburred, finished product, such as

automotive parts makers, die casters and sintered metal producers.

For heavy automotive production applications, multiple machines with overhead hopper, screen deck, and media return conveyor eliminate part mixing.

Combining an overhead hopper/feeder, bowl,

conveyor and dryer, a Giant system not only improves thru-put, users can see additional cost savings because the machines are very easy to operate. Depending upon the configuration, one employee can do the work of three or more.



*An integrated Giant system
furnishes greater thru-put, easy
operation, and reduced manpower.*

Closed "Flo-Thru" systems are quiet and efficient. Best value on the market.



Continuous Styles

Giant's "Flo-Thru" continuous systems offer you in-line production for parts finishing. With the ability to receive a constant "flo" of parts you'll have more flexibility in your process and increased productivity.

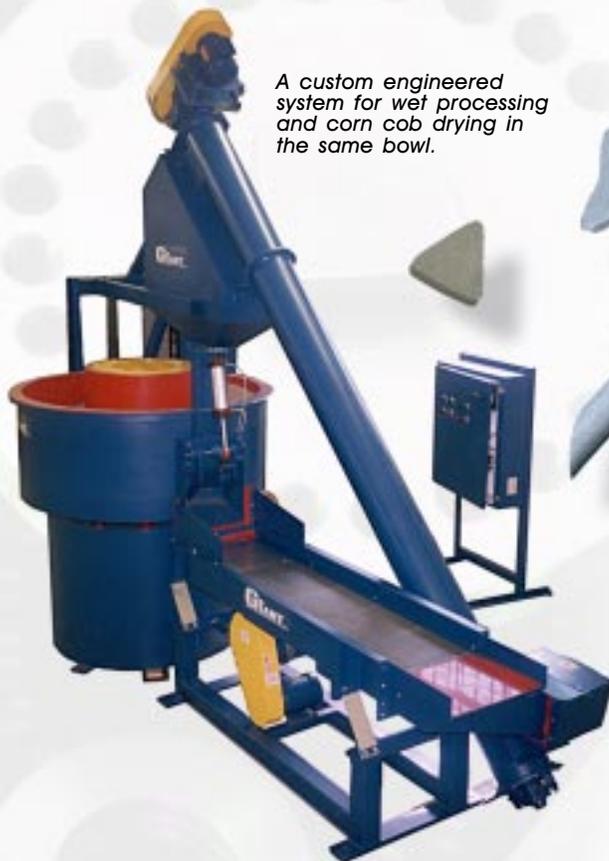
Continuous machines are available in closed tube or open top styles. Closed "Flo-Thru" styles offer the best value on the market. They are quiet and energy efficient.

Open-top "Flo-Thru" styles can be configured as batch or compartmentalized vibratory machines.

With 18 to 200 cubic feet of capacity and tub diameters from 14 to 48 inches Giant's "Flo-Thru" continuous systems meet just about any parts processing need. And, they feature Balanced Suspension Drive, which provides a smooth honing action.

Standard features include automatic grease lubrication, digital tachometer, variable speed drive, an oscillating media/parts separator, cast urethane removable screen and a media return conveyor.

A custom engineered system for wet processing and corn cob drying in the same bowl.



Waste Treatment Systems

Giant also supplies OEM water treatment systems to complete the package. This sophisticated, yet user-friendly and low maintenance system meets local sewer discharge limits and is highly suitable for recycling. The system produces no hazardous by-products. With a

small footprint of only 80 inches by 70 inches, up to 1,000 gallons can be processed in 30 minutes, requiring only 10 minutes of low-skilled attendance.



Multiple process bowls feeding a common screen deck. Unique solution engineered systems like this are what separate Giant from the rest.



WASH UP, DRY OFF AND TRANSPORT

We'll help you wash them, dry them and send them to the next stage. Giant has everything you need to finish and move your parts quickly, efficiently and economically.

We build systems that help make your business run a little better.



Gas fired two-stage wash & dry system.

DRIVE A GIANT WEDGE WHERE YOU WANT IT

For smaller operations, the Giant Wedge Series blends efficiency, economy, and portability. Totally enclosed, quiet and self contained, Wedges are easy to operate. Their low front-loading profile allows easy access to parts through its hinged sound cover. Equipped with casters, Wedges are ideal for cellular applications.



Control your output with Giant batch machines

For just-in-time production, particularly work cells, Giant Vibratory Tubs and Wedges reduce cost, improve flexibility and eliminate waste.

All Giant Tub machines feature offset balanced suspension, variable speed, and low work height.



Giant GT series are available with dividers for impingement free processing.

Choose Your Speed With Vibratory Tubs

For aggressive finishing of iron casting or polishing molds, Giant Tubs work.

Offering 3 to 400 cubic feet of capacity, Giant Tub machines

are supplied with variable speed and adjustable eccentric weights, from very aggressive action for tough to finish parts to gentle agitation for fragile parts.

Giant Wedge series is portable, economical and quiet.



Continuous Belt Washers and Dryers - Efficient And Simple

Giant Finishing's continuous belt washers, either single or multi-stage, supply high volume, efficient cleaning and drying of parts. Made of stainless steel and insulated for reduced energy consumption, they are easy to maintain. Parts can be loaded directly on to the belt or put into containers.

Belt washers and dryers are available in widths of 12, 18, 24, 30, 36, and 48 inches. Customized units with belts as wide as 96 inches are available upon request.

Vibratory Cob Dryers - economical and fast

Vibratory Cob Dryers dry wet parts economically and fast! This compact spiral bottom, 100 percent separation unit, heats corncob by multi-pass hot liquid jackets which are built into the machine. The cob and parts slide by the hot liquid jackets to absorb heat...fast. Heat is re-circulated to conserve energy.

Our Cob Dryers are designed to work with a range of vibratory finishing machines. They can also be used in conjunction with other forms of continuous feed equipment or used to receive products from bins or hoppers.

Oval and Standard models handle capacities from 4 to 70 cubic feet. Heated cob "Flo-Thru" Models range from 10 to 140 cubic feet.

Recirculating Dryers - Less Energy, Lower Cost

Re-circulating hot air dryers work to conserve energy and reduce cost.

Continuous belt or helix dryers drive away moisture from parts. Use them as a stand-alone or part of a wash-dry process. Choose from gas, steam or electric powered.



Material Handling Systems for Smooth Transition

By the time you get here, the finishing job is complete, but we know you need to get those parts to the next stage. Giant designs complete, customized material handling systems to smooth the transition of parts.

Components include parts load/unload conveyors, drag-out conveyors, vibratory feeders, media hoppers, screen deck separators and dumpers.

From start to finish, we'll move your parts along as smooth as the finished product.



Custom designed material handling systems for any application.



**A MYRIAD OF
MEDIA AND
COMPOUNDS FOR
YOUR FINISHING
NEEDS.**

For burnishing, degreasing, cleaning, inhibiting, or polishing, Giant stocks an extensive array of media and finishing compounds.

We guarantee the right shape, size, and cut of media to fit your finishing requirements at competitive pricing. We supply both carbon and

stainless steel media. High-density raw materials in ceramic media allow greater stock removal in vibratory machines. Agricultural media, such as corncob, walnut shell, peach and wood come untreated, as well as treated for special polishing requirements.

We also offer an array of cleaning compounds and alkaline materials for abrasion, rust prevention, burnishing, and solutions for descaling.

GIANT

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