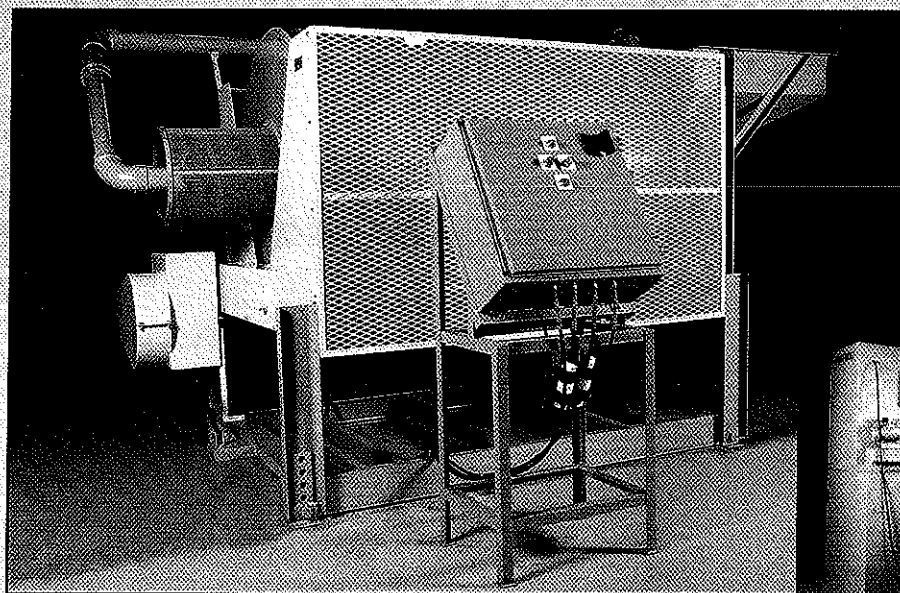
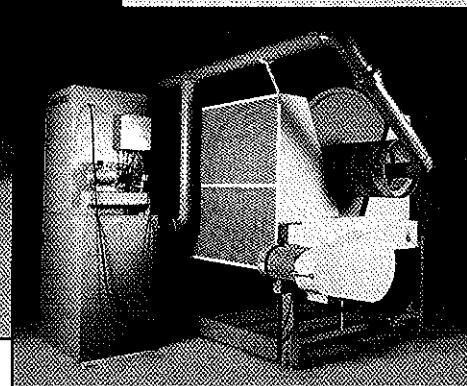


C & S ROTA-MATIC PARTS FINISHING MACHINE



OPERATION SEE DIAGRAM ON PAGE 2



STANDARD MODEL

The C&S Rota-Matic Machine represents a new standard for efficient and economical drying, polishing, deburring, cleaning, burnishing, oil removal, etc., of many different kinds of components and parts. Easy to operate, the C&S Rota-Matic uses conventional tumbling media and requires little or no maintenance. The unit's working capacity is designed for large, medium and small batch loads and its unique material handling features virtually eliminate hand loading and unloading via internal parts and media separation.

The C&S Rota-Matic has the capability of increasing production by as much as five to eight times that of conventional equipment, and allows significant savings on media.

CONSTRUCTION

The C&S Rota-Matic is constructed of heavy steel plate and can be furnished as a single or double compartment unit. C&S R-M Model M is 48" in diameter and mounted horizontally on four wheels for rotation in both directions. The wheels are mounted on a steel frame with appropriate heavy duty pillow block bearings.

APPLICATIONS

Applications include drying, polishing, burnishing, cleaning, deburring, removal of contaminants such as oil, chips, etc., and chemical mixing operations. Items which can appropriately be processed in the C&S Rota-Matic include steel balls, bearing components, metal stampings, screw machine parts, fasteners, electrical and electronic components, jewelry, hardware items, automotive components, and many other items of metal and plastic.

Wet or dry processing can be accomplished in the C&S Rota-Matic units. Single machines or any combination of 2 or more units can be provided in tandem for a fully automated system.

OTHER C&S PRODUCTS AND CAPABILITIES

In addition to Rota-Matic Parts Finishing Machines, C&S designs, engineers and manufactures a broad line of custom built finishing machinery, including multi-action barrel finishing machines, ball flashers, grinders, lappers, vibratory riddles, wire cutting machines, various types of custom designed in-line systems, and vibratory finishing machinery.

C&S also manufactures a complete line of standard balls and shapes for use as burnishing media or for decorative applications. Necessary compounds and media can be provided by C&S for processing in all C&S Machinery. For descriptive literature, Contact C&S.

SPECIFICATIONS

MODEL M (Medium) 11 CU. FT. Working Capacity				
FRAME SIZE			DRUM SIZE	
Length	Width	Height	Diameter	Length
Single Compartment				
36"	52"	17"	48"	36"
Double Compartment				
72"	52"	17"	48"	72"

Single Compartment

Double Compartment

NOTE: The Rota-Matic can be provided in smaller and larger models.

Model S - 5 cu. ft., Model L - 18 cu. ft., Model LL as required

POWER - standard 5 h.p. gear motor on model M

DRUM SPEED - as required.

DRUM LINING - appropriately lined drums furnished as required.

PRICES - available on request.



C & S ENGINEERING, INC.

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In CT 203-235-5727 Outside CT 800-272-2557 Fax 203-237-7498

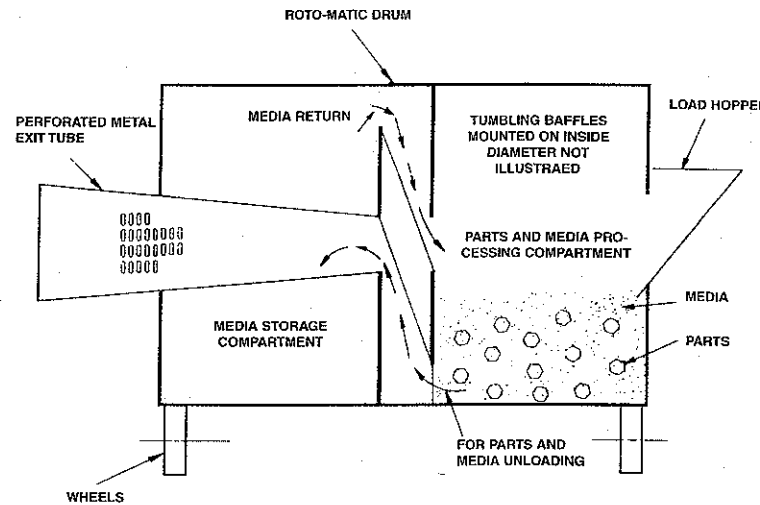
C & S ROTA-MATIC MACHINES FOR AUTOMATIC PARTS PROCESSING

OPERATION

In double compartment units, the work is processed with the media. After processing, work and media are automatically unloaded and separated by simply reversing the drum rotation. Single compartment units are normally used without media and also offer automatic unloading.

In the double compartment units, the second compartment enables reclaiming of the media. The media may be returned to its original compartment for reuse on the next load of work by simply changing back to forward rotation. All this is accomplished automatically by simply rotating the drum in the appropriate direction. (SEE DIAGRAM)

FULL SECTIONAL VIEW OF ROTA-MATIC



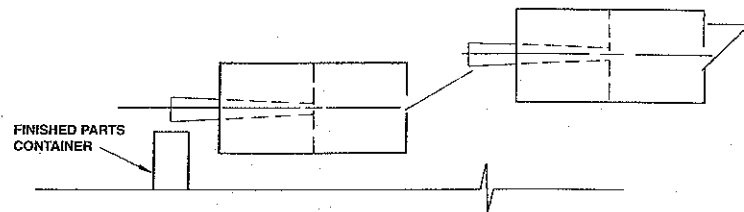
Schematic illustrates manner in which two (2) C&S Rota-Matic units can be used in tandem for a complete batch production type installation.

Low, medium and high profile units are available in standard models to facilitate gravity flow from one machine to another. Automatic sequencing of parts from one machine operation to another is simply accomplished by standard automatic timing controls. Automatic skip-hoist loading is also available.

EXAMPLE: Parts may be burnished or deburred, rinsed and dried all automatically with two (2) C&S Rota-Matic units in tandem with necessary timing controls.

Simultaneous separation of parts and media is also accomplished all automatically.

TWO ROTA-MATIC UNITS IN TANDEM



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