

# ROLLAVEYOR™ AUTOMATED AT-PRESS DEFLASHING SYSTEM



Rollaveyor™ now offered with throw wheel for effective air-less deflashing for thermoset parts.



PLC control assures fast set-up

## KEY BENEFITS

- Cuts production costs by eliminating double handling and manual processing.
- Improves product quality through precise, gentle deflashing.
- Increases productivity through efficient, automated operation.
- Ideal for Just-In-Time manufacturing programs.
- Portable, space-saving design suits modular manufacturing cell layouts.

## VERSATILE DESIGN SUITS MULTIPLE APPLICATIONS

The portable Rollaveyor Deflashing System provides automated, high-efficiency deflashing at the molding press for small or large parts in batch

or continuous operations. Small parts may be deflashed individually or in twin blast chambers. Dividers may be added to create up to eight compart-

ments with separate tumbling paths. Belt speed and tilt angle can be adjusted for almost any tumbling motion.

## MOVE IT WHERE YOU NEED IT

A compact, caster-mounted unit, the Rollaveyor system saves floor space and can be moved conveniently away

from the press to allow for mold changes or to another press as needed. It receives parts directly from the

molding press via a conveyor to keep pace with molding, reduce handling and eliminate parts storage.

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## PLC CONTROL ASSURES FAST, EFFICIENT OPERATION

Operators set up the system with ease. The Rollveyor loads, deflashes and discharges automatically

in single cycles or continuously. Belt speed and tilt angle are PLC controlled. For completely auto-

matic handling, the system can be configured to receive signals from the molding press.

## PRECISION CLEANING EVEN FOR FRAGILE, COMPLEX PARTS

A cabinet air intake humidifier teams with a unique three-part anti-static blowoff for precise parts

cleaning. Gentle, variable speed tumbling action deflashes fragile or large single parts without breakage.

It minimizes the need for hand processing of hard-to-clean parts.

## DESIGN FEATURES

- Blast guns located close to parts for greater effectiveness than impeller wheels.
- Size-interchangeable durable nozzles. Tungsten or boron carbide nozzles are available.
- Free-standing dust collector with automatic filter shaker and quick release dust pail.
- External cyclone separator with adjustable air bleed for effective media reclamation.
- OSHA approved control interlocks, air flow ratings and noise levels.
- Air intake humidifier to reduce dust and static.
- Internal explosion-proof lights.
- Door ledge blowoff to eliminate media spillage.
- Full-opening access door.









## GENERAL SPECIFICATIONS

**Blast Guns:** 4 to 8 blast guns, depending on system configuration.

**Blast:** Suction system with air bleed pickup.

**Blast Cabinet:** Equipped with PLC and control panel, in feed hopper.

**Cyclone separator**  
**Dust Collector**  
**Anti-static tank**

| Maximum Capacities                       | Model 2404<br>(4 Chamber Model) | Model 3608<br>(8 Chamber Model) |   |   |
|--|---------------------------------|---------------------------------|---|---|
| Batch Tumbling<br>(each of two chambers) | .4 cu. ft.                      | .75 cu. ft.                     |  |  |
| Individual Parts<br>(two chambers)       | up to 7"                        | up to 10"                       |  |  |
| Individual Parts<br>(four chambers)      | up to 3½"                       | up to 5"                        |  |  |
| Individual Parts<br>(eight chambers)     |                                 | up to 2½"                       |  |  |

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