



# COMPLETE SANDBLAST ROOM SOLUTIONS

**Blast Enclosures | Media Recovery Systems | Dust Collectors | Sandblasters**

**Kresco** provides turnkey sandblast booths and sandblast rooms solutions designed to provide a safe, clean, and productive environment to carry out industrial sandblasting operations.

# Custom-Engineered Enclosure

A modular design that offers endless possibilities of configuration

**Kresco's** sandblast booth enclosures come in a **wide variety of cost-effective, pre-engineered sizes or can be customized** to sandblast products of virtually any dimensions.

## Key Features

- Made of 14-gauge galvanized steel panels
- Easy and fast assembly
- High-efficiency LED lighting system
- Heavy-duty product access door (single, bifold, or roll-up)

## Optional Features

- 10-gauge panels
- Powder coat finish
- Rubber lining protection
- Operator safety features (door safety switch, emergency pull cord, exit light)



# Abrasive Media Recovery System

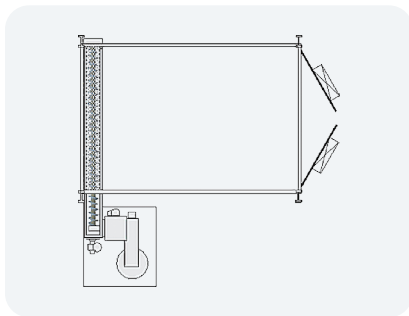
Minimizes the operational costs and increases the productivity of your process

Our range of **mechanical, pneumatic and hybrid media recovery systems** are designed to clean and recycle abrasive media used during operations and keep up with your operators' pace, making sure they never run out of media.

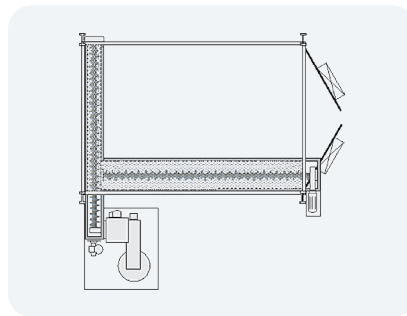
## Advantage of Abrasive Media Recovery System

- Provides significant savings in abrasive media consumption and purchases
- Reduces production downtimes due to abrasive material manipulation and loading
- Can be customized to any abrasive material types and particle sizes
- Increases visibility inside the sandblast booth by providing clean, dust-free abrasive media
- Increases productivity by maintaining an aggressive abrasion action at all times
- Grating protection on excavated pits available up to 5,000 lbs. bearing capacity

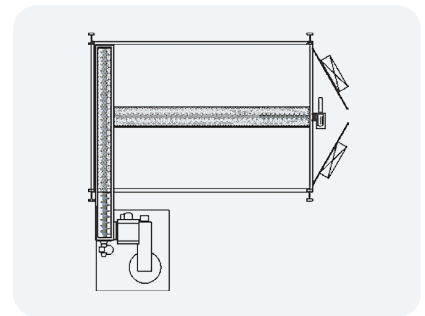
## Various Floor Layout Configurations



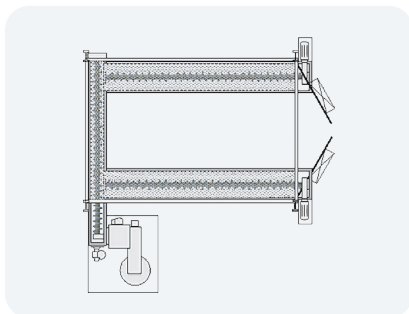
**Single Pit**



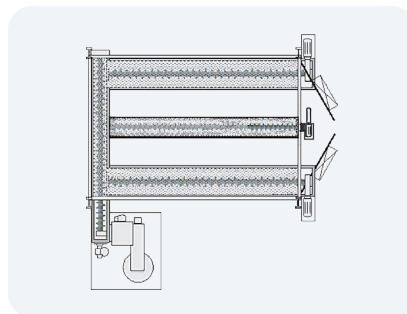
**L-Shape**



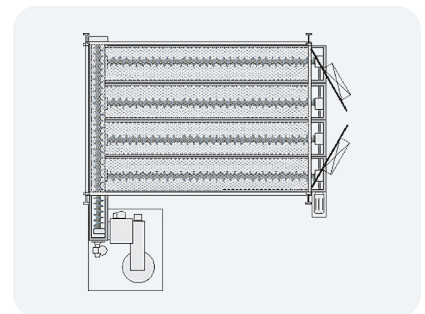
**T-Shape**



**U-Shape**



**M-Shape**



**Full Floor**

# Pneumatic Abrasive Recovery System

Cost-effective solution designed for light-weight media and clean applications

**Kresco's** pneumatic abrasive media recovery systems are **low-cost and easy-to-implement systems** that can handle most types of recyclable media\* available in the market.

This recovery system is available with excavated or above-ground recovery pits, or with a vacuum head to collect material from hard-to-spill compartments.

## Key Features

- Powered by a high-efficiency 7.5 hp / 900 cfm cartridge dust collector
- Robust urethane piping
- Multi-pit floor layout available
- Suitable for most types of media\*
- Recovers up to 2,000 pounds per hour

*\*High density media, such as steel grit GH-36 and steel shot S-230 or bigger size is not compatible with pneumatic system*



## Cyclonic Separator



- 1 Dust, dirt and debris drawn out by the dust collector
- 2 Contaminated media mix from the sandblast booth
- 3 Adjustable air inlet to accommodate various types of media
- 4 Large debris trap drawer
- 5 Abrasive media in good condition returned to the sandblast booth

# Mechanical Abrasive Recovery System

Heavy-duty solution designed for high-volume production and dirty applications

**Kresco's** mechanical recovery system is designed for high-volume applications and harsh operating conditions. They can handle any types of abrasive media and contaminants, and can supply up to 4 operators simultaneously.

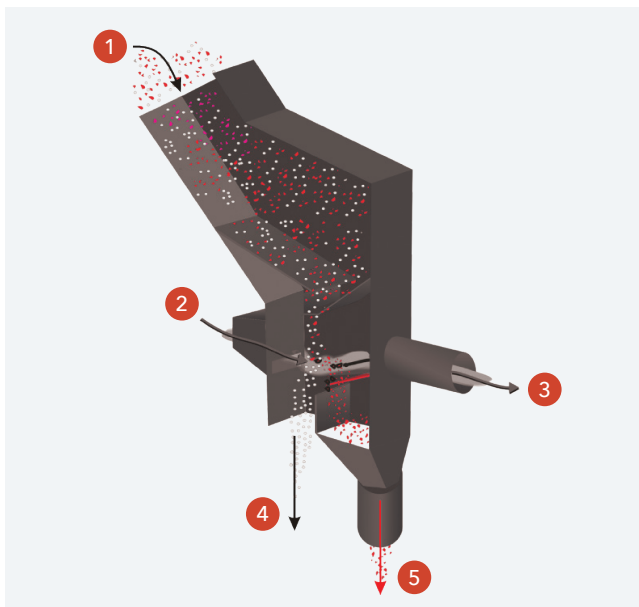
This recovery system uses excavated endless screw system and bucket elevator to recover used abrasive media. The floor pit configuration goes from a single pit to a complete floor coverage, eliminating the needs to sweep the media after production.

## Key Features

- Heavy-duty endless screw conveying system
- Rugged buck elevator
- Adjustable airwash cleaning system
- Low rotation speed, direct drive gearmotor that reduces wear and tear
- Suitable for any types of media and applications
- Recovers up to 10,000 pounds per hour



## Air Wash Cleaning System



- 1 Fall of dirty media mix from bucket elevator
- 2 Adjustable airflows to control the particle rejection based on density
- 3 Dust and fine particles drawn out to the dust collector
- 4 Media in good condition falls back into the blast pot
- 5 Broken down media pieces diverted to the rejection drum

# Hybrid Abrasive Recovery System

The ideal solution that offers the best of both systems

The hybrid system combines the sturdiness of an auger system with the reliability of a vacuum system. This mid-range system is advised where excavation is limited or when the ceiling height cannot allow the installation of a bucket elevator.

## Key Features

- Suitable for heavy-duty applications without blocking the recovery pits
- Excavated auger system with direct drive gearmotor
- Powered by a high-efficiency 7.5 hp / 900 cfm cartridge dust collector
- Minimum ceiling clearance required is 20 feet
- Recovers up to 2,000 pounds per hour

## Electrical Panel

Operations made easy for both operators and maintenance personnel

Our systems are driven by a smart PLC with an intuitive HMI user interface that monitors, controls, and reports critical operations. The integrated maintenance program alerts when it is time to perform maintenance on the system.



## Key Features

- 7" touch screen user interface
- Integrated maintenance program
- Alarms and resolutions
- Fully automatic mode for operator
- Hour counts and wear status indicators
- Available in different electrical requirements

# Powerful Cartridge Dust Collectors

For dust-free operation and environment

All our sandblast booths are delivered with a **powerful, self-cleaning cartridge-type dust collector** available in different filtration capacities and up to 150,000 cfm according to your booth size and process requirements.

A wide range of **explosion-proof designs and features** are available to meet the NFPA fire protection requirements.



# Available Options

Unique features that enhance productivity and safety of your operators

## Parts Handling Systems

Eliminate costly downtimes due to parts handling and loading.



**Movable Floor**



**Overhead Conveyor**

## Remote Control Switches

Extensive controls of the sandblaster valves from inside the booth, enabling the operator to perform critical actions without the hassle of taking off PPE and leaving the booth.



**Blast On / Air Only**



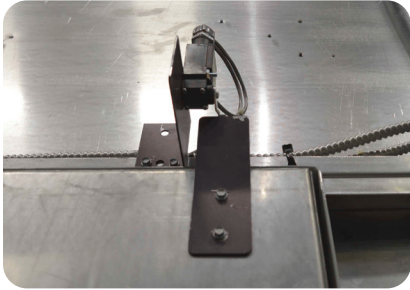
**Pressurize Vessel /  
Depressurize Vessel**

# Available Options

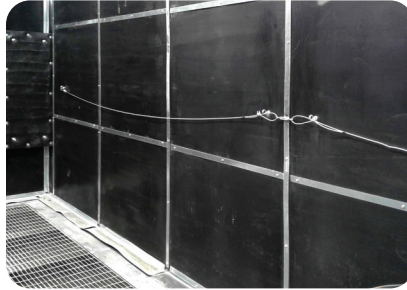
Unique features that enhance productivity and safety of your operators

## Safety Features

Protect your workers and environments from potentially hazardous dust.



**Safety Door Switch**



**Emergency Pull Cord**



**Emergency Exit Light**

## PPE and Respiratory Protection

**Kresco** is an authorized distributor of **GVS / RPB Safety's** line of air filtration, gas monitoring and respirators to help you provide a Grade-D breathing air to your blasters.



**Nova 3 Respirator**



**Air Monitoring, Filtration  
and Supply Systems**

# Code-Compliant

in Canada and in the United States

Our sandblast booths and pre-engineered features are approved and compliant to the code for industrial and commercial usages in Canada and the United States.



# About Kresco



**Kresco** designs, manufactures, and supports industrial equipment for the surface treatment industries. Kresco has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

## Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

## Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

## Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

## Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

## Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

## Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.





1404, avenue de la Gare, Mascouche, QC J7K 2Z2  
(877) 757-3726 | [info@krescosolutions.com](mailto:info@krescosolutions.com) | [krescosolutions.com](http://krescosolutions.com)