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# New Robotic Blasting Series

## ARS Recycling Systems, LLC

ARS Recycling Machines are the best steel grit abrasive blast vacuum recyclers in the industry. Now we will be offering a new blasting series that will allow for even more cost savings and improved safety.



## ABOUT US

Since its inception, ARS Recycling Systems has worked diligently to become the industry leader in the design and manufacture of Abrasive Recycling Machines, Dust Collectors, Vacuum Recovery Units and Rapid Deployment Lift Platforms. With hundreds of our Abrasive Recycling Machines and Dust Collectors in use today, ARS equipment is time-tested and proven effective and reliable in the most rugged industrial environments.

Our patented technologies provide a competitive advantage to contractors using our Abrasive Recycling Machines, Dust Collectors, and Rapid Deployment equipment.

ARS will be providing full solutions with its new Robotic Blasting Series.



## Customer Need

Current Abrasive Blasting Performed Manually with No Dust or Grit Collection



## Our Solution

- Automated hands off blasting system with dual #7 or #8 nozzles maintained at optimal angle and distance from the blasting surface.
- Dust and grit collection at the source to reduce cleanup and maintain a clean, dust free work environment.
- Towable trailer with blast pots, vacuum system, grit separation and recycling system for quick setup and recycling of abrasive grit.
- 80' Reach
- Diesel or Electric Power

## Why Choose Us

- ✓ More square feet of surface blasted per hour with fewer employees
- ✓ Lower containment costs, lower waste disposal costs
- ✓ Safer working conditions for employees
- ✓ Fully self-contained, thus quick set up
- ✓ Reusable grit allows for 95% efficiency increase
- ✓ Fully Automated Blasting and Recycling

# ARS Robotic Grit Blaster



## How it Works

One operator effortlessly remotely controls blast nozzle simultaneously from a safe location while the dust, paint and grit are being contained, separated, and the reusable blast grit is automatically refilling the blast pots.

The blaster uses two nozzles simultaneously in a blast hood while the boom is constantly moving and adjusting to any contours.

Models are available to reach to 80' while the hood design still allows you to reach down low and under when needed.

Radio remote control and automated blast routine not only removes the workload from the operator, it allows him to work in a safe location at ground level.

Dust, paint, and grit are captured and collected at the blast hood and vacuumed directly to the recycler. The reusable grit is recycled at over 95% efficiency and automatically reloaded into the blast pots.

Waste is captured at one location for easy disposal. Total waste is greatly reduced since the grit is automatically recycled.

Sensors allow the enclosed, dual nozzle blast head to follow any profile automatically.



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