BUILT TOUGH™
Easiest to operate and maintain™

Jobsite Proven: Even painters can operate this equipment with a minimum of training.

Who we are and what we do:
Since 1977, we have been building abrasive blasting systems and a wide variety of support equipment. In 1989 with lead paint removal becoming a bigger and bigger problem, we developed the QUBE Series modules, which address every process required in a typical abrasive blasting and recycling system. Since then, through 3 generations of design, we have made the QUBE Series concept the easiest systems to operate and maintain. SPS is committed to providing genuine value for all our customers by:

• Expanding our product line
• Continuing to make all our equipment easier to use

QUBE Series Modules:
These compact, interchangeable, bolt together modules form the core of almost every system. Whether you choose to mount them on a trailer, a skid, or include them as part of an existing system, you will always be able to change the arrangement.

GRT Systems
Grit Recycling Trailers:
From the original triple axle self-contained recycling systems built in 1989 to our GRT-4520CV monster, every module is interchangeable. Our GRT Systems allow you to assemble the exact machine to fit your present needs... and then change it later if you need to. No other system provides this mobility and flexibility.

Guaranteed Performance:
It’s easy for your personnel to get results. With 3 years of testing and user input, we have proven the concept to be indestructible. The 1999 SPS QUBE Series modules deliver guaranteed performance. We will exceed your expectations for quality and value.

Advantage SPS, LLC
www.surfaceprep.com
1-800-800-7761
GM-10 Grit Mover, 10 cuft capacity. USS Kitty Hawk aircraft carrier tank repairs. When used in combination with any vacuum, this module allows the vacuum hose to be as short as possible to increase recovery tonnage per hour. With an air requirement of just 25-50 CFM, the grit mover can move grit faster than vacuuming with less energy.

PDV-2700 Positive Displacement Vacuum, 2700 CFM Hibon vacuum rated at up to 27" Hg. This ultra compact vacuum measures just 8’x8’x8’. It can be combined with other modules to rapidly recover grit or liquid.

Q. Why do I want to buy from SPS vs. other manufacturers?
A. SPS has been working with contractors for over 20 years to come up with the most productive abrasive blasting and recycling equipment. We have originated many of the products that are now common to the industry.

Q. Will this QUBE Series be more expensive than other competitive products?
A. No, you will find the QUBE Series are competitive with other manufacturers PLUS they offer you much more flexibility that can save you money.

Q. What's NEW in 1999?
A. Quiet vacuums that reduce noise fatigue. Grit dryers that allow you to dry steel grit or Crystal Grit so that it can be recycled.

Q. Every job is different, how will your systems help me deal with that?
A. Every module we have ever made can be used with any other module. You have complete freedom to dream up an arrangement that best fits your needs... and then change it later if you need to.

Q. What about service?
A. All our systems are designed to be serviced by the end user. Printed manuals describe basic trouble shooting. If additional assistance is required, you can call our toll free 800 number to reach a technician who knows those machines. Over the last 14 years we have found that with minimal telephone guidance, the user can cost-effectively solve the problem themselves in almost every situation. If required, a service technician can be dispatched to your location. We have a network of certified service providers who can provide assistance in your area at the lowest cost.

Q. Why should I recycle?
A. Recycling of blast media on remote job sites began in the mid-’80s and was driven by government regulations requiring that the quantity of waste to be reduced. Since then, users have seen how dramatically they can reduce their costs by recycling the blast media. While recycling doesn’t work in every situation, when it can be used, it will usually reduce the cost of operation. The process of recycling requires equipment that is more complex. At SPS, our goal, from day one, has been to make the process as “invisible” as possible to the users. Ease of operation and ease of maintenance allow you to focus on what is most important: getting the most square feet per day cleaned and primed.

DC-30KT Dust Collector Trailer, 30,000 CFM, SPS offers a wide variety of mobile and stationary dust collectors with two different types of filters at sizes up to 80,000 CFM. Easy to operate controls and almost zero maintenance filters provide the user with high value equipment.
GRT-4520CV Grit Recycling Trailer 45 ton steel grit capacity, 20 ton per hour recycling production, two dual chamber pressure vessels for continuous blasting with up to 12 nozzles and a 360 HP, 4600 CFM Hibon vacuum rated at up to 27”Hg. This unit is presently working in Detroit, MI on the 6 year Ambassador Bridge repainting, the largest private bridge project in the country.

GRT-3520CV Grit Recycling Trailer 35 ton steel grit capacity, 20 ton per hour recycling production, one dual chamber pressure vessel for continuous blasting with up to 6 nozzles and a 360 HP, 4600 CFM Hibon vacuum rated at up to 27”Hg. This unit is presently being operated by J.T. Painting Corp., a bridge painting contractor on the East Coast.

GRT-3020V Grit Recycling Trailer 30 ton steel grit capacity, 20 ton per hour recycling production, single chamber 15 ton pressure vessel for blasting with up to 6 nozzles and a 250 HP, 3500 CFM Hibon vacuum rated at up to 27” Hg. This is one of four identical units operated by Dynamic Painting Corp. on some of the largest projects in the country.

Q. What is a great machine?
A. We think it is the one that is easiest to operate and maintain, has the fewest moving parts and has the fewest wearing parts.

Q. Why is this important?
A. If your operators can’t get top performance, your bottom line will suffer. If a part moves, it eventually wears out and requires maintenance or replacement. By reducing the number of parts that can break to the minimum, the chance of having a breakdown is reduced.

Q. What is the QUBE Series?
A. The QUBE Series are a variety of modules, with different capacities, designed to address the basic abrasive blasting and recycling functions. By design, all modules can be interchanged and bolted together. This makes it possible for the user to determine the exact balance of functions, capacities and features that they need for their work.

Q. What are the basic modules in every recycling system?
A. Every system has 4-5 components including:
• A vacuum, to pull grit back to the machine
• A screen of some sort to remove oversize objects.
• A classifier to remove the small particles and dust.
• A storage hopper to hold clean grit
• A pressure vessel to blast it out.

Q. Do the QUBE Series Modules work with competitive systems?
A. Yes. You can use your existing vacuums, hoppers and pressure vessels with these modules.

Q. What is a QUBE-PAC Recycling System?
A. A QUBE-PAC is a combination of the 4-5 basic modules necessary to blast and recycle using steel grit or Crystal Grit. These QUBE-PAC combinations come in different sizes to fit 2, 4 and 6 nozzle operations.

Q. Do these work with coal slag and sand?
A. Yes, many of the modules can be used with non-recycled media with no changes. At any later date, you can rearrange them if you want to build a recycling system.

Q. What is a GRT System?
A. GRT stands for Grit Recycling Trailer. A GRT System is one where a QUBE-PAC may be combined with a PDV vacuum and mounted on a trailer. If a compressor is mounted on the front of the trailer, the GRT System becomes a completely self-contained abrasive blasting and recycling machine.
QUBE Series
Compact and Interchangeable™

Build your “Dream Machine:” Combine capabilities to exactly match your needs and budget.

Air Dryers:
• 800 CFM
• 1600 CFM
• 3200 CFM

Dust Collectors:
• 10,000 CFM
• 20,000 CFM
• 30,000 CFM
• 45,000 CFM
• 60,000 CFM
• 80,000 CFM

Grit Movers:
• 4 CUFT
• 10 CUFT

Grit Classifiers:
• 10 ton/hour steel grit
• 20 ton/hour steel grit
• 10 ton per hour
• Crystal Grit

Grit Dryers:
• 5 ton/hour
• 10 ton/hour
• 20 ton/hour

Inline Cyclones:
• 1000 CFM
• 3500 CFM
• 6000 CFM

Liquid Mover:
• 150 gallon

Pressure Vessels:
• 7 ton single chamber
• 7 ton dual chamber
• 10 ton single chamber
• 10 ton dual chamber
• 15 ton single chamber
• 30 ton single chamber
• 50 ton single chamber

Semi-Trailers:
• 50 ton two axle
• 60 ton three axle
• 70 ton four axle

Tag-Trailers:
• 25 ton two axle
• 35 ton three axle

Storage Hoppers:
• 5 ton
• 15 ton
• 25 ton
• 30 ton

Vacuums: Diesel and Electric
• 950 CFM
• 2700 CFM
• 3500 CFM
• 4600 CFM
• 5800 CFM

Vacuum Preclassifiers:
• 1000 CFM
• 2500 CFM
• 3500 CFM
• 5000 CFM
• 6000 CFM

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