PAULI SYSTEMS

Integrated Surface Finishing Systems

VCC-2000

Closed cycle blast head with visual control and FanBlast™ wide pattern nozzle.

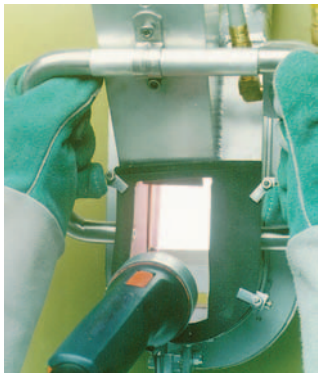
Now – visual control for high performance closed cycle blasting.

Typical vacuum return blast heads prevent Operators from seeing the work area. Operators using these systems don't see the result until after it's done.

Now, Pauli Systems' new VCC-2000 visual control closed cycle vacuum return blast head enables Operators to see the coatings they remove in an illuminated blast chamber.

This allows Operators to precisely view and control the process. Perfect for stripping paint from thin skin and composite substrate when you need absolute control.

VCC-2000 includes Pauli Systems' FanBlast Nozzle with wide path stripping and production rates more than double competitors' systems.



Clearly a better way

Other blasting systems have difficulty properly removing paint from thin skin and composite substrates. First, they incorrectly blast at 90 degrees; second, the Operator cannot see the process in real time; third, round pattern nozzles are used which are grossly inefficient compared to FanBlast flat pattern nozzles.

VCC-2000 brings to the industry a completely new solution that is clearly better. Not only is the VCC-2000 blast nozzle fixed at the correct 45 degree angle but the Operator has visual control of the coating removal process.

What's more, the FanBlast nozzle provides a wide uniform blast pattern enabling faster, more efficient surface stripping. Reason, indeed, why the VCC-2000 meets tough OEM demands.

Viewable blasting

The blasting chamber viewing window enables real time visual process control. A powerful media return system within the illuminated visual blasting chamber vacuums spent media and paint chips to provide perfect visibility for the Operator.

Light up your work

The light source mounts directly to the blast head providing a bright beam into the blast chamber and onto the work surface. Operators can see and control their work. To reduce the cost of operation the system uses rechargeable batteries. Batteries and charger are included with the system.

Get a solid grip

Operators have complete control of the process. Two large handles give Operators a solid grip on the blast head. A single thumb push-button conveniently placed in the handle controls the system. Through the viewing port the Operator has a clear view and complete control of the coating removal process.

A solution with a future

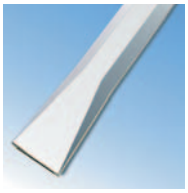
Designed for today and the future, VCC-2000 improves the coating removal process in virtually all closed cycle vacuum return applications. Designed to operate with lower aggression media such as starch and plastic media the process provides EPA compliance and lowers your cost of operation.

Save money, save time

Get 2 times the production rate with VCC-2000 on tough polyurethane coatings. And with the FanBlast Nozzle inside the VCC-2000, you require less compressed air and media in addition to less time and labor. You save money and time.

FanBlast wide path stripping

FanBlast powers the VCC-2000 and provides a wide uniform blast pattern enabling faster, more efficient surface stripping.



Maintenance facilities appreciate FanBlast nozzle's ability to reduce media consumption, cut production time in half in addition to eliminating overblasting and "hot spots" common with conventional nozzles.

Patented state of the art technology makes Pauli Systems FanBlast nozzle an industry breakthrough in high speed surface stripping. The 3/8 inch (9.5 mm) equivalent FanBlast FBN-6 Nozzle has a 1.6 inch (4.1 cm) wide coating removal path that distributes particle energy evenly across a wide rectangular area.

Works with conventional systems

VCC-2000 operates with conventional vacuum return systems such as RAM 45, RAM 21 and RAM 31 with vacuum return option or equivalent. Upgrade your equipment cost effectively by simply adding VCC-2000 to your existing vacuum return system.

Spot strip without interfering

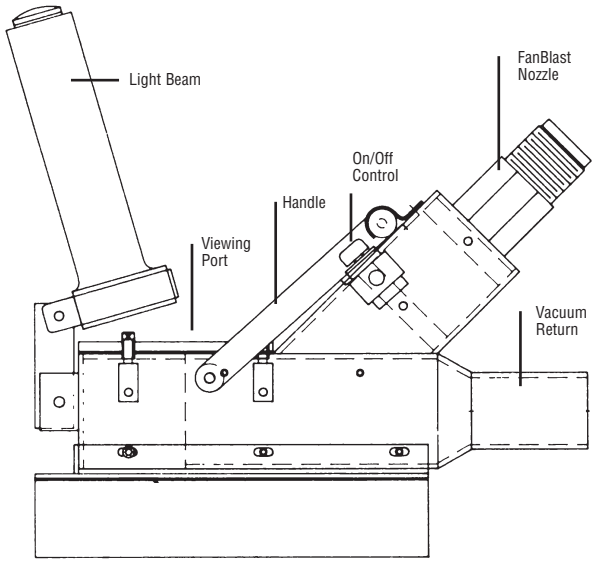
Chemical stripping often calls for shutting down normal work operations. With the VCC-2000 Closed Cycle Vacuum Return Blast Head the process is self contained. Operators strip selected areas without interfering with other work operations.

Strip paint with EPA compliance

Strip paint with a VCC-2000 System, be 100% environmentally clean and comply with EPA and OSHA emissions regulations. Within the VCC-2000 Blast Head, blast media strips paint and vacuums the residue without exposing the Operator or environment to emissions.

Complete composite stripping package

The RAM 45 Vacuum Blast System with VCC-2000 and FanBlast Nozzle is a complete composite paint stripping system. Perfect for stripping paint from thin skin and composite substrate, the RAM 45 system includes blast generator, reclaimer, dust collector and hoses. With this closed cycle vacuum return system, spent media is continuously conveyed from the VCC-2000 blast head to the reclaiming system where it is cost effectively cleaned and recycled for reuse.



SPECIFICATIONS

VCC-2000

Stock Number	265-051-00 (110 volts, 60 hz, battery charger) 265-051-01 (220 volts, 50-60 hz, battery charger)
Battery Charger	110 volts, 60 hz (or 220 volts, 50-60 hz)
Weight	3.6 lb (1.6 kg)
Overall Dimensions	12" (30 cm) long x 8" (20 cm) wide x 12" (30 cm) high
Vacuum Requirements	Pauli Systems' RAM 45, RAM 21, or RAM 31 with VR Kit. (or equivalent)

FanBlast Nozzle FBN-6

Stock Number	427-205-06
Weight	1.4 lb (.64 kg)
Length	9" (23 cm)
Blast Pattern Width	1.6" (4.1 cm)
Equivalent Size	Media and air consumption same as 3/8" (9.5 mm) conventional round nozzle
Usable Blast Media	Designed for lower aggression media such as starch and plastic media.
Thread	1-1/4" NPS
Liner	Stainless steel heat tread to Rockwell Rc 44-47

NOZZLE AIR CONSUMPTION TABLE

Discharge in cubic feet and cubic meters of free air per minute

PSI (atmos)	CFM (CMM)
60 (4.1)	122 (3.5)
50 (3.4)	106 (3.0)
40 (2.7)	90 (2.5)
30 (2.0)	74 (2.1)

WARNING: NEVER USE WITH SAND ABRASIVE

ALL ABRASIVE BLASTING CREATES BREATHABLE PARTICLES OF DUST WHICH MAY INCLUDE SILICA AND WHICH MAY LEAD TO VARIOUS DISEASES INCLUDING SILICOSIS, A LUNG DISEASE THAT CAN BE FATAL. ABRASIVE REBOUND OR DIRECT BLAST MAY ALSO INJURE AN UNPROTECTED OPERATOR. THEREFORE, SAFETY REQUIRES THAT THOSE PERSONS IN THE AREA OF ABRASIVE BLASTING ALWAYS WEAR PROPERLY SELECTED AND MAINTAINED GOVERNMENT APPROVED RESPIRATORY EQUIPMENT AND FULL PROTECTIVE CLOTHING, FROM HEAD TO FOOT. RESPIRATORS MUST BE SUPPLIED WITH GOVERNMENT APPROVED QUALITY BREATHING AIR. BEFORE USING THIS EQUIPMENT GET APPROVAL FROM YOUR SAFETY DEPARTMENT.

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