PAULI SYSTEMS

Integrated Surface Finishing Systems

AccuFlow

Computer controlled media feed valve enables process accuracy.

AccuFlow™ provides unparalleled control for stripping composite and metallic substrates.

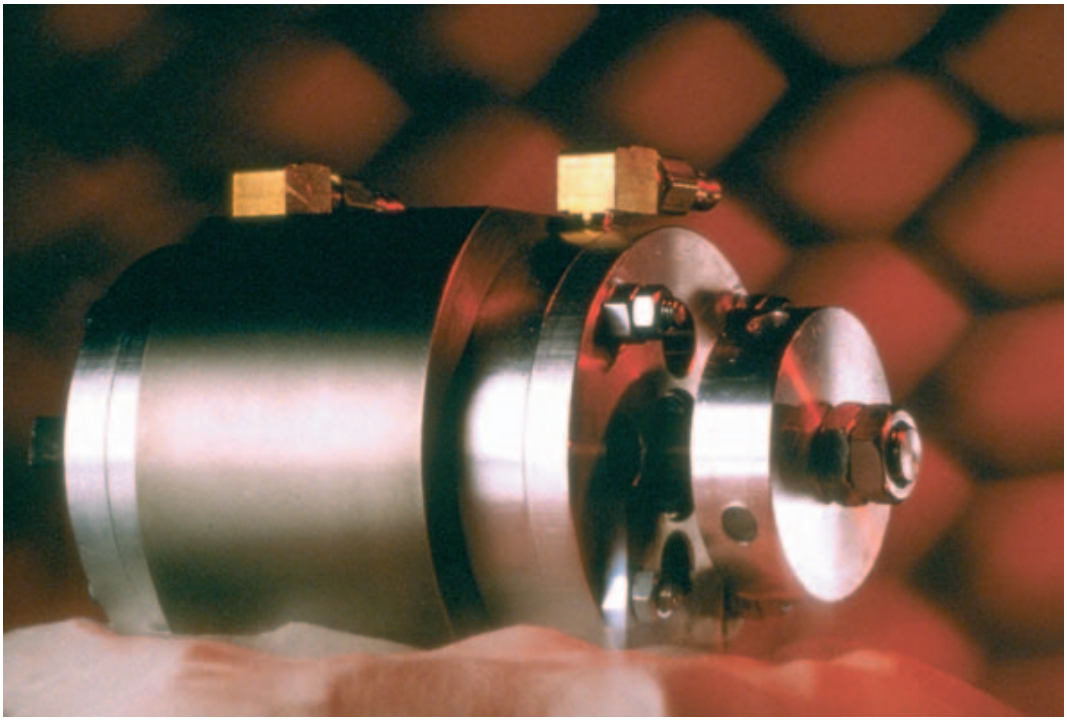
Smooth non-surge start up protects substrates, reduces operator workload and makes AccuFlow the first choice for starch and plastic media depainting. Its computerized metering valve provides +/- 0.2% mass flow setting accuracy and repeatability.

AccuFlow™ metering valve is engineered to deliver exact media flow rates independent of blast system pressure.

Designed for starch, plastic and other media, the computerized system provides unparalleled control for stripping composite and metallic substrates. If you're a Surface Finishing Supervisor, this means you can expect precision stripping as a result of media flowing through the nozzle with absolute control and repeatability.

Engineered to command process accuracy

- Positive displacement metering
- High mass flow rate capability, far beyond gravity flow valves
- Controllability of 0.002 lbs./min. (1 gm./min.)
- Unlike auger valves, high horsepower not required
- AccuFlow works with starch media, unlike auger valves
- No sliding friction as found in auger valves
- Unlike most valves, there is no blow-by when turned off, enabling low media flow range controllability and shut off
- Dust double sealed out of bearings, increasing operating life
- Prevents dust from escaping to the atmosphere (OSHA and EPA compliant)
- Media mass flow rate accuracy and repeatability of +/- 0.2%
- Simple design for easy disassembly and reassembly
- Patented design allows sampling and mass flow calibration



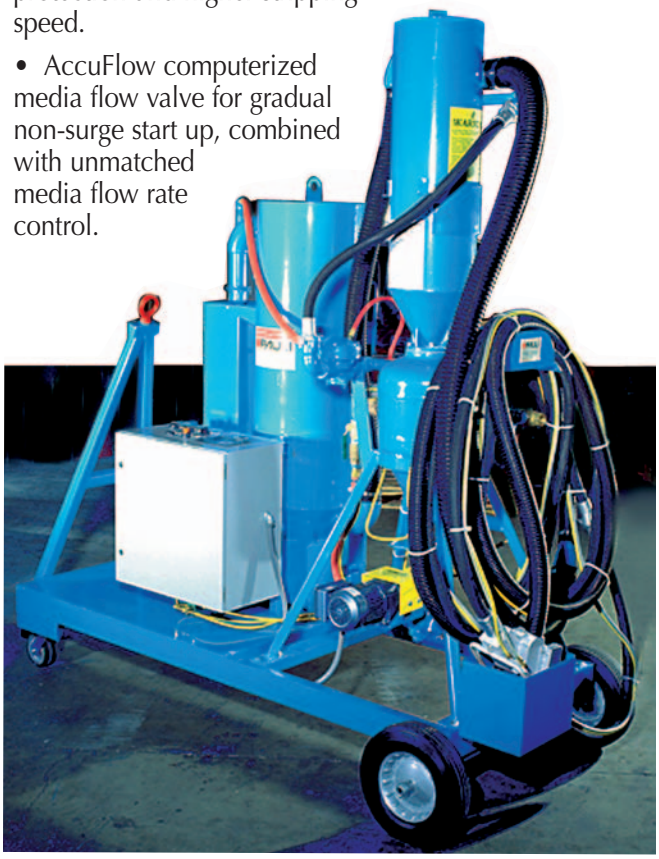
AccuFlow's computer controlled helical design enables exact media deployment with up to +/- 0.2% mass flow setting accuracy. It gives your facility precise accuracy, exact control and repeatable performance previously unavailable in the industry.

AccuFlow built in to the RAM 49 SatinStrip System provides unparalleled control for stripping composite and metallic substrates in a closed cycle dust free environment.

In addition to dust free coating removal, RAM 49 SatinStrip offers Operators visual process control with wide path stripping that can double production rates.

Its remarkable performance is due to the successful integration of 3 components:

- The VCC-2000 visual closed cycle dust free blast system with illuminated blasting chamber for Operator viewing and control.
- FanBlast™ wide path nozzle for vastly superior surface protection and higher stripping speed.
- AccuFlow computerized media flow valve for gradual non-surge start up, combined with unmatched media flow rate control.



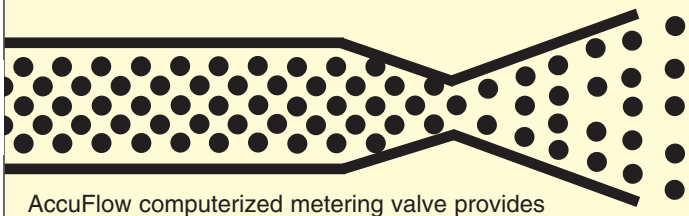
RAM 49 with AccuFlow

FanBlast™ wide path stripping

FanBlast nozzles and AccuFlow provide a wide uniform blast pattern enabling faster, more efficient surface stripping with computerized media flow accuracy.

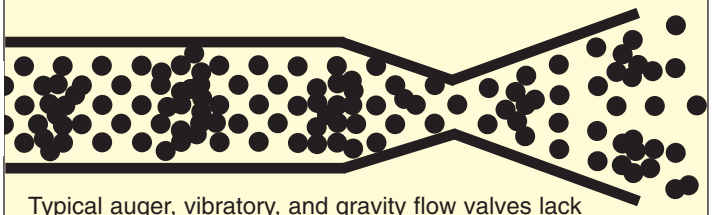
Patented state of the art technology makes Pauli Systems FanBlast nozzle an industry breakthrough in high speed surface stripping. The 3/8 inch (9.5 mm) equivalent FanBlast FBN-6 Nozzle has a 1.6 inch (4.1 cm) wide coating removal path that distributes particle energy evenly across a wide rectangular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

AccuFlow Media Flow



AccuFlow computerized metering valve provides +/- 0.2% mass media flow setting accuracy.

Typical Media Flow From Other Valves



Typical auger, vibratory, and gravity flow valves lack media flow accuracy, control and repeatable performance.

AccuFlow Metering Valve

Part Number	620-100-57 Includes Accuflow Media Valve, Electric Motor and Controller.

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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