



SCHMIDT SPECIALTY SYSTEMS

Advanced designs for specific applications

A product of Axxiom Manufacturing, Inc.

SINGLE PASS UNIT

The new Schmidt® Single Pass Unit is a closed circuit blasting system designed to blast surfaces and recover spent abrasive and contaminants into a disposal bin. The SPU is intended for applications where recycled abrasive are not desired, such as many Maritime applications. The SPU vacuums particulates away from the work area to insure an optimal substrait. Designed to function independently or with Schmidt Specialty Systems end effectors.

FEATURES:

- Blast faster and easier, where open-air blasting is prohibited, or is not possible or practical
- 3.5 Cu.Ft. Model SPU with dust collector, for single use abrasives. Vessel equipped with screen, hinged lid, and filling rest bar
- Portable SPU mounted on wheeled, lift type frame with fork pockets
- Electric remote controls for air, vacuum, and abrasive start/stop
- Blast air pressure regulator allows blasting at lower pressures. Differential pressure control is included to facilitate use of lightweight abrasives
- Cyclonic dust separators to handle discharge of abrasive and heavier dust into (2) dust buckets. Light dust is collected in the dust collector and discharged into a separate single bucket
- Dust collector with two individually controlled pneumatic vacuum eductors, each with 100 CFM nozzles. Comes equipped with a differential pressure gauge to monitor filter life
- Easy access hinged lid over (2) cartridge filters, allows manual blow-down of the filters with included air tool. Dust hopper equipped with a pneumatic vibrator to assist in discharge of lightweight dust into waste bucket
- TVII abrasive metering valve, with Tungsten Carbide sleeve
- Remote end effectors available, including the Spot Blaster and Cloverleaf PEC tie-down blaster. All are individually connected to the SPU, and utilize remote abrasive cutoff for cleaner start/stop, as well as to assist with blow-down abrasive recovery



Specifications:

Air recommendation: 375 CFM

Weight: 1,781 lbs.

Dimensions: 36.5" x 83" x 68.5"

800-231-2085
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SPOT BLASTER

The Schmidt Spot Blaster, with the Single Pass Unit, creates a vacuum sealed miniature blastroom for your application. The 3/4" diameter blast wand comes equipped with a nozzle light to illuminate the work area through the sight scope. Abrasive and air are available independently via the control panel. The environment created by the spot blaster allows for specific areas to be cleaned without dust clouds or costly cleanup.



Specifications:

Blast nozzle size: 3/16" Venturi

Weight: 89 lbs.

Dimensions: 26.5" x 26" x 53.5"

CLOVERLEAF PAD EYE CONTAINMENT (PEC)

The Schmidt Cloverleaf PEC takes a difficult and time consuming process and makes it quick and automatic. The cloverleaf tiedown is common on many ships and has been impossible to properly clean until now. The PEC uses precise geometry and a unique blast nozzle to uniformly blast padeyes in minutes, vacuuming away abrasive and contaminants to the SPU for safe disposal. Paired with Spot Blaster for optimal results.



Before



After

Specifications:

Blast nozzle size: 3/16"

Weight: 133 lbs.

Dimensions: 25" x 25" x 44"

Contact your local Schmidt distributor
or call Axxiom at 800-231-2085
for distributor information.

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