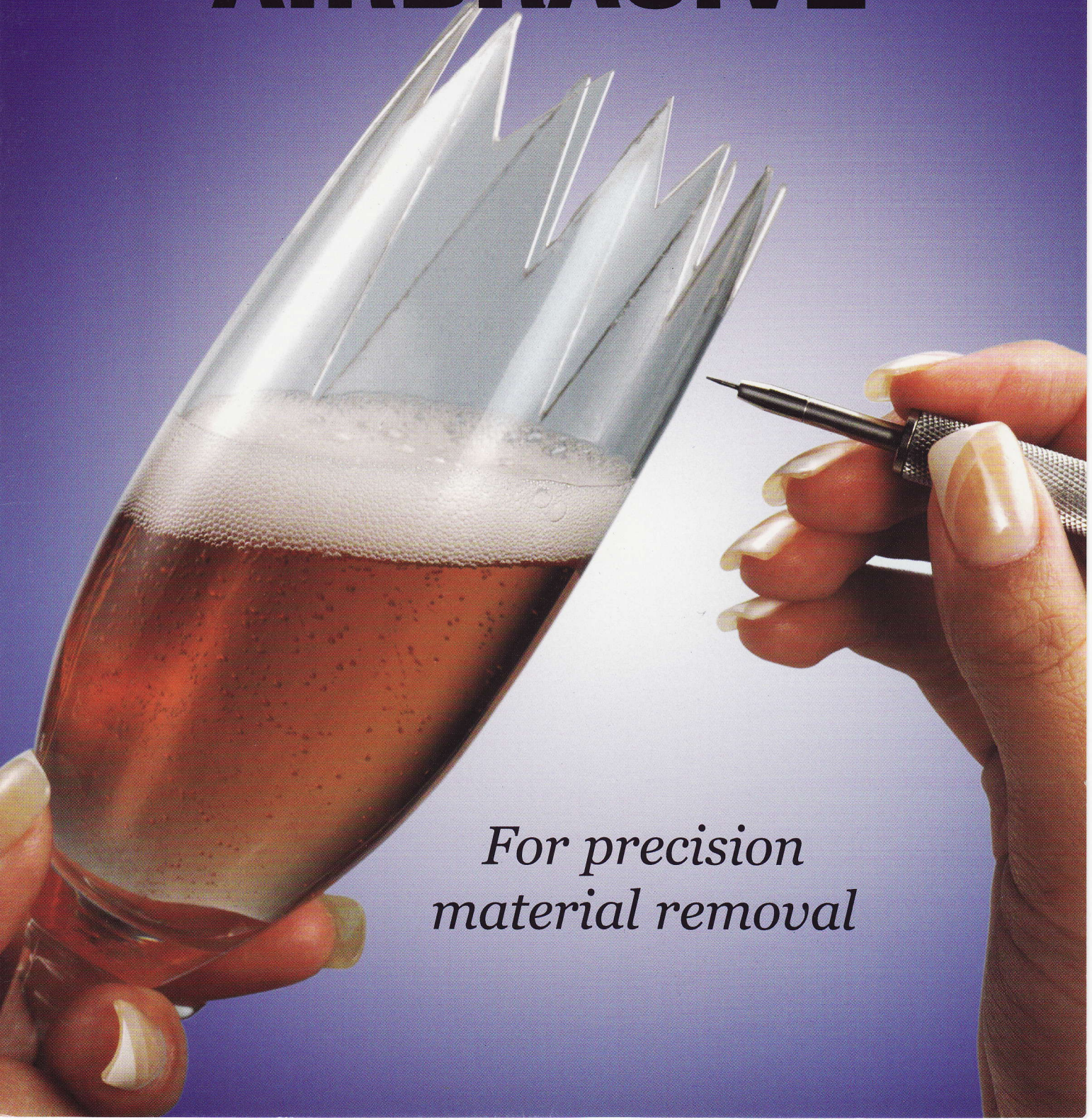




S. S. WHITE Technologies Inc.

*We set the standards...*

# AIRBRASIVE<sup>®</sup>



*For precision  
material removal*

# Building Your Airbrasive® Jet System

## 1) Choose The Right Model

### Model 6500



#### Features

- ▶ Powered by compressed air
- ▶ Compact, lightweight and durable
- ▶ Quick powder changes
- ▶ Powder flow rate up to 40 grams/minute
- ▶ 2 lb. chamber capacity
- ▶ Interchangeable chambers
- ▶ Weight: 18 lbs.
- ▶ Height: 13"

#### Applications

- ▶ Cleaning ceramics in arts and crafts
- ▶ Surface preparation for bonding
- ▶ Blasting CBN wheels
- ▶ Cleaning metal parts

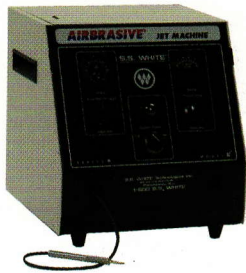
### Model K

#### Features

- ▶ Electro-magnetic vibratory feed system
- ▶ Separate pressure and powder flow controls
- ▶ More aggressive powder flow than 6500
- ▶ Instant accessibility to inner compartment
- ▶ Powder flow rate up to 40 grams/minute
- ▶ 1.5 lb. chamber capacity
- ▶ Weight: 33 lbs.
- ▶ Height: 13"

#### Applications

- ▶ Removing coatings from minerals
- ▶ Paleontology research: removing matrix from fossils
- ▶ High tolerance precision metal work
- ▶ Rust removal from molds and dies
- ▶ Metal abrasion and cleaning
- ▶ Deburring aluminum and plastics



### Model H

#### Features

- ▶ Tungsten carbide reinforced powder flow lines
- ▶ Electro-magnetic vibratory feed system
- ▶ Auxiliary powder chamber
- ▶ Powder flow rate up to 40 grams/minute
- ▶ 4 lb. chamber capacity
- ▶ Orifice plate: 8 holes x 26 mm diameter, carbide lined
- ▶ Weight: 60 lbs.
- ▶ Height: 22 1/2"

#### Applications

- ▶ Cleaning leads and contact fingers
- ▶ Etching glass and silica
- ▶ Removing copper flash from EDM components



### Model HME

#### Features

- ▶ Long life fittings at critical wear points
- ▶ Capable of non-stop heavy-duty operation
- ▶ Pinch valve wear detector
- ▶ Auxiliary powder chamber
- ▶ Compatibility with the widest range of nozzles
- ▶ Powder flow rate up to 55 grams/minute
- ▶ 20 lb. chamber capacity
- ▶ Weight: 80 lbs.
- ▶ Height: 35 3/4"

#### Applications

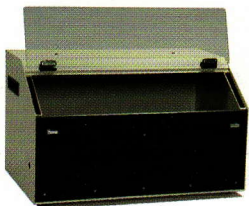
- ▶ Cleaning super-abrasive grinding wheels
- ▶ Deburring Swiss screw machine parts
- ▶ Cutting thin silicon wafers
- ▶ Adjusting and drilling circuit boards
- ▶ Cleaning and texturing materials
- ▶ Cutting/drilling hard plastics
- ▶ Deoxidizing contact surfaces



## 2) Put Your Work In Here

### Work Chamber

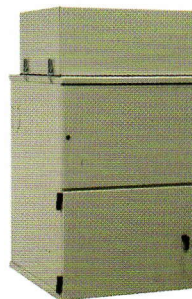
- ▶ Assists in hand-held work
- ▶ Compatible with all Airbrasive® models and dust collectors
- ▶ Tempered glass, hinged safety lid
- ▶ Internal illumination
- ▶ Screened flooring
- ▶ Access through two front port-holes
- ▶ Length: 19"
- ▶ Width: 12"
- ▶ Height: 9"



## 3) Keep Your Shop Clean

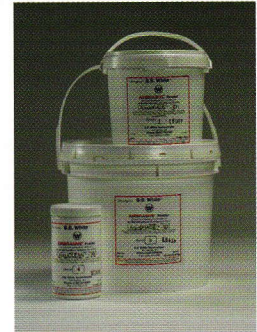
### Dust Collector

- ▶ Self contained fabric filter ensures a highly efficient, sealed system
- ▶ Capable of removing powder, cuttings and debris from work chambers
- ▶ Equipped with a sound silencer
- ▶ Weight: 190 lbs.
- ▶ Height: 33"
- ▶ Single Phase
- ▶ **New Product -**  
**COMPACT DUST COLLECTOR**
- ▶ Weight: 73 lbs.



## 4) Be Powder Particular

<u>Feature</u>	<u>Powder Specification</u>	<u>Part #</u>
<b>Strong Abrading</b>	<b>AccuBRADE 50</b> Material: Aluminum Oxide blend Particle size: 50 Micron	<b>AP 105 - 4 lb.</b> <b>AP 123 - 15 lb.</b> <b>AP 106 - 50 lb.</b>
	<b>AccuBRADE 10</b> Material: Aluminum Oxide blend Particle size: 10 Micron	<b>AP 107 - 3 lb.</b> <b>AP 108 - 45 lb.</b>
	<b>AccuBRADE 27</b> Material: Aluminum Oxide blend Particle size: 17.5 Micron	<b>AP 101 - 4 lb.</b> <b>AP 121 - 15 lb.</b> <b>AP 102 - 50 lb.</b>
<b>Super Fine Abrading</b>	<b>AccuBRADE 17</b> Material: Aluminum Oxide blend Particle size: 10 Micron	<b>AP 109 - 3 lb.</b> <b>AP 110 - 45 lb.</b>
<b>Cleaning Surfaces</b>	<b>AccuCLEAN 50</b> Material: Sodium Bicarbonate media Particle size: 50 Micron	<b>AP 111 - 2.5 lb.</b> <b>AP 112 - 35 lb.</b>
	<b>AccuCUT 50</b> Material: Silicon Carbide mixture Particle size: 50 Micron	<b>AP 114 - 3 lb.</b> <b>AP 115 - 45 lb.</b>
<b>Peening Surfaces</b>	<b>AccuPEEN 44</b> Material: Glass Bead media Particle size: 44 Micron	<b>AP 116 - 3 lb.</b> <b>AP 129 - 10 lb.</b> <b>AP 117 - 40 lb.</b>
<b>Matte Finishing</b>	<b>AccuMATTE 75</b> Material: Crushed Glass media Particle size: 75 Micron	<b>AP 118 - 2.5 lb.</b> <b>AP 119 - 35 lb.</b>



- ▶ Double Screened
- ▶ Sieve Tested
- ▶ Vacuum Packed
- ▶ Purity Tested
- ▶ Resealable Lids
- ▶ Wide Selection
- ▶ Overnight Shipping

## 5) Shape The Flow With Nozzles



<u>Part Number</u>	<u>Style</u>	<u>Inside Diameter</u>	<u>Part Number</u>	<u>Style</u>	<u>Inside Diameter</u>
AN113	Carbide Rectangular - Rt. Angle	.0075"x.020"/.19x.51mm	AN109	Carbide Round - Rt. Angle	.032"/.80mm (male thread)
AN127	Carbide Rectangular - Rt. Angle	.006"x.060"/.15x1.5mm	AN118	Carbide Round - Rt. Angle	.018"/.46mm
AN135	Carbide Rectangular - Rt. Angle	.006"x.060"/.15x1.5mm	AN121	Carbide Round - Rt. Angle	.026"/.65mm (male thread)
AN101	Carbide Rectangular - Straight	.006"x.100"/.15x2.50mm	AN106	Carbide Round - Straight	.032"/.80mm
AN102	Carbide Rectangular - Straight	.007"x.150"/.18x3.75mm	AN119	Carbide Round - Straight	.018"/.46mm
AN103	Carbide Rectangular - Straight	.007"x.125"/.18x3.13mm	AN126	Carbide Round - Straight	.011"/.28mm
AN105	Carbide Rectangular - Straight	.006"x.075"/.15x1.88mm	AN132	Carbide Round - Straight	.018"/.46mm
AN110	Carbide Rectangular - Straight	.006"x.020"/.15x.50mm	AN139	Carbide Round - Straight	.007"/.18mm
AN111	Carbide Rectangular - Straight	.010"x.030"/.25x.75mm	AN146	Carbide Round - Straight	.014"/.36mm
AN124	Carbide Rectangular - Straight	.006"x.060"/.15x1.5mm	AN115	Carbide Round - Straight*	.026"/.65mm (male thread)
AN125	Carbide Rectangular - Straight	.003"x.060"/.08x1.50mm	AN116	Carbide Round - Straight*	.032"/.80mm
AN130	Carbide Rectangular - Straight	.006"x.040"/.15x1.00mm	AN117	Carbide Round - Straight*	.018"/.46mm (male thread)
AN120	Carbide Round - Obtuse	.018"/.46mm	AN145	Carbide Round - Straight*	.050"/1.3mm
AN109	Carbide Round - Rt. Angle	.032"/.80mm (male thread)	AN107	Sapphire Round - Straight	.026"/.65mm
AN118	Carbide Round - Rt. Angle	.018"/.46mm	AN143	Sapphire Round - Straight	.018"/.46mm

**30 day free trial at [www.airbrasive.com](http://www.airbrasive.com)**

# AIRBRASIVE®

## Applications

- ▶ Abrading
- ▶ Cleaning Dies
- ▶ Deburring Metal
- ▶ Deflashing Plastic
- ▶ Drilling Holes In Glass
- ▶ Texturing Surfaces For Paint
- ▶ Etching/Marking Components
- ▶ Dissecting Electronic Components
- ▶ Certification Marking
- ▶ Drilling Tantalum Sheet
- ▶ Cleaning Surfaces
- ▶ Deoxidizing Contact Surfaces
- ▶ Cutting Circuit Board Conductors
- ▶ Frosting Glassware
- ▶ Refinishing

### Ingenuity Out Of Necessity

S.S. WHITE's engineers invented Airbrasive® technology in the 1950's as a precision material removal device.

The Airbrasive® Jet Machine proved so effective in saving time and money, we built an entire business around it.

From deburring Metal, to Aerospace surface preparation, the Airbrasive® Jet Machine gives manufacturers the finished results they need, by precisely removing unwanted materials and imperfections.

### Distinguish Yourself

Be the one who explores new ideas, works problems to solutions, and uncovers hidden costs. Airbrasive® Jet Machining was born out of these principals, and just may be as productive for you, as it has been for the thousands of businesses currently using it today.

### Free Test Drive

Call for a free 30 day trial of our Airbrasive® Jet Machine. Test it for yourself, without any risks. Remember, you've got nothing to lose, except the excess materials you never wanted in the first place.



**S. S. WHITE Technologies Inc.**

*We set the standards...*

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