

# Airetool®

**New! Brush-Master**  
tube cleaners for condensers,  
chillers, evaporators and other  
tubular heat transfer apparatus.





# Introducing the Airetool Brush-Master Flexible Shaft Tube Cleaners for Tube Sizes 1/4" Thru 2-3/4" ID Tubes. Five Compact Designed Models available!

## Models ABM-1800 and ABM-1800-R

### Model ABM-1800

Variable solid state speed control from 0 to 1750 RPM with constant torque. The Variable Speed feature allows the operator to operate the shaft at a safe comfortable speed for the condition of the tubes being cleaned. The ABM-1800 also features a quick release shaft coupling for an easy positive connection every time. There are no o-rings or coupler nuts, so the risk of the coupler nut loosening and leaking water, leading to possible shaft damage.



### Model ABM-1800-R

The ABM-1800-R is a bi-directional tube cleaner for the cleaning of internally enhanced tubes. The ABM-1800-R has all the same features of the ABM-1800. Operators highly value the solid state speed control when cleaning internally enhanced tubes. Allowing them to reduce the shaft RPM to a comfortable safe speed. Identified Forward and Reverse direction foot pedals are included with this model.

ABM-1800-R

### ABM-1800 & ABM-1800-R Specifications

Model Number	Part Number	Horsepower	Volts:	Amps:	RPM:	Bi-Directional	Dimensions:	Weight (less shaft):	Shipping Dimensions:	Shipping Weight (less shaft):
ABM-1800	2900398	1/2	115	6	0-1800	No	11"W x 17"L x 9"H	35 Lbs.	12"W x 23"L x 11"H	39 Lbs.
ABM-1800-R	2900399	1/2	115	6	0-1800	Yes	11"W x 17"L x 9"H	41 Lbs.	12"W x 23"L x 11"H	45 Lbs.

# Models ABM-1900 and ABM-1900-R

## Model ABM-1900

The Airetool Brush-Master model ABM-1900 includes the features of the ABM-1800. This machine has the variable solid state speed control of 0-1750 RPM with constant torque. Also includes the manifold "screw on" style of shafting that is commonly used in competitive models.

## Model ABM-1900-R

The Airetool Brush-Master tube cleaner model ABM-1900-R includes the features of the ABM-1900, but also incorporates the bi-directional shaft rotation feature for use when cleaning internally enhanced tubes as the model ABM-1900-R. Identified directional foot pedal controls are included with the machine.



## ABM-1900 and ABM-1900-R Specifications

Model Number	Part Number	Hosepower	Volts:	Amps:	RPM:	Bi-Directional	Dimensions:	Weight (less shaft):	Shipping Dimensions:	Shipping Weight (less shaft):
ABM-1900	2900400	1/2	115	6	0-1800	No	11"W x 17"L x 9"H	35 Lbs.	12"W x 23"L x 11"H	39 Lbs.
ABM-1900-R	2900401	1/2	115	6	0-1800	Yes	11"W x 17"L x 9"H	41 Lbs.	12"W x 23"L x 11"H	45 Lbs.

## Model ABM-1200

Brush-Master tube cleaner Model ABM-1200 accommodates tube cleaning applications where variable speed and reverse are not desired. The ABM-1200 tube cleaner incorporates the quick disconnect shaft feature for fast positive connection. The thread on manifold style is not available in the 1200 model.



### ABM-1200 Specifications

Model Number	Part Number	Horsepower	Volts:	Amps:	RPM:	Bi-Directional	Dimensions:	Weight (less shaft):	Shipping Dimensions:	Shipping Weight (less shaft):
ABM-1200	2900397	1/3	115	8	1140	No	11"W x 17"L x 9"H	40 Lbs.	12"W x 23"L x 11"H	44 Lbs.

## Flexible Shafts

### Flexible Shafts for Brush-Master tube cleaner models FOR MODELS ABM-1800, ABM-1800-R, and ABM-1200

To order the correct size Flexible Shaft measure the tube ID and the length of the tube to be cleaned. Then refer to the adjacent chart to select the proper shaft.



ABM-1800, ABM-1800-R,  
and ABM-1200

ABM-1900  
and ABM-1900-R

TUBE I.D. RANGE	SHAFT O.D.	SHAFT LENGTHS IN FEET		
		15	25	35
.280"-.406"	1/4"	FS-1815-1/4 2900402		
.407"-.532"	3/8"		FS-1825-3/8 2900403	FS-1835-3/8 2900404
.533"-.812"	1/2"		FS-1825-1/2 2900405	FS-1835-1/2 2900406

### FOR MODELS ABM-1900, and ABM-1900-R\*

TUBE I.D. RANGE	SHAFT O.D.	SHAFT LENGTHS IN FEET		
		15	25	35
.280"-.406"	1/4"	FS-1915-1/4 2900407		
.407"-.532"	3/8"		FS-1925-3/8 2900408	FS-1935-3/8 2900409
.533"-.812"	1/2"		FS-1925-1/2 2900410	FS-1935-1/2 2900411

\*Shafts are interchangeable with competitive models

## Cleaning Tools

### Super 2D Brush

Super 2D Brushes are for cleaning internally enhanced tubes to remove soft and light scale iron-oxide deposits. The brush is constructed from material that out cleans other tube cleaning brushes. Super 2D brushes have two cleaning diameters to assure all surfaces of the tube are being cleaned. The smaller diameter cleans the hard to reach surfaces of enhanced tubing, while the larger diameter lays back and cleans the minimum Tube ID surfaces.



TUBE ID	2-D SUPER BRUSHES
.500"-.700" (12.7-17.8mm)	SCB-750 2996773
.700"-.950" (17.8-24.1mm)	SCB-1000 2993774

### Super Brush

Super Brushes are for cleaning smooth ID tubing to remove soft and light scale, and iron-oxide deposits. The super brush is made from the same material as the Super 2D brush. The longer brush cleaning surface reduces cleaning time.



TUBE ID	2-D SUPER BRUSHES
.437"-.562" (11.1-14.2mm)	SB-750 2996555
.625"-.688" (15.8-17.5mm)	SB-1000 2996656
.750"-1.000" (19.0mm-25.4mm)	SB-1250 2996557

### Buffing Tool

Buffing Tools have size adjusting stainless steel wire blades for the removal of mineral scale and sludge deposits. Buffing tools are not to be used on internally enhanced tubing. Buffing tools will damage this type of tubing. Replacement blade sets are available for these cleaning tools.



BUFFING TOOL	REPLACEMENT BLADE SET
BT-312 2996780	RB-312 2996784
BT-375 2996781	RB-312 2996784
BT-500 2996782	RB-500 2996785
BT-625 2996793	RB-625 2996786

### Nylon/Brass/Stainless Steel Brush



Nylon Brushes are for cleaning soft deposits from nonferrous and plastic tubes.

Brass Brushes are for cleaning non-ferrous tubes with soft or light scale deposits.

Stainless Steel Brushes are for cleaning ferrous or stainless steels tubes with soft or light scale deposits.

**Note:** These brushes are to be sized at or the next size under the tube ID. for operator safety and to prevent shaft damage.

DIAMETER	BRUSH MATERIAL		
	NYLON	BRASS	STAINLESS STEEL
1/4"	N-250 2996528	B-250 2996515	SS-250 2996541
5/16"	N-312 2996529	B-312 2996516	SS-312 2996542
3/8"	N-375 2996530	B-375 2996517	SS-375 2996543
7/16"	N-437 2996531	B-437 2996518	SS-437 2996544
1/2"	N-500 2996532	B-500 2996519	SS-500 2996545
9/16"	N-562 2996533	B-562 2996520	SS-562 2996546
5/8"	N-625 2996534	B-625 2996521	SS-625 2996547
11/16"	N-687 2996535	B-387 2996522	SS-687 2996548
3/4"	N-750 2996536	B-750 2996523	SS-750 2996549
13/16"	N-812 2996537	B-812 2996524	SS-812 2996550
7/8"	N-875 2996538	B-875 2996525	SS-875 2996551
15/16"	N-937 2996539	B-937 2996526	SS-937 2996552
1"	N-1000 2996540	B-1000 2996527	SS-1000 2996553

## Other Airetool Products

### Tube & Joint Testing Tools

Push buttons activate the pneumatic cylinders that set the seals inside tubes for testing tubes and/or joints, eliminating the squeezing action that is required from other tube testing tools. The Airetool Tube and Joint Testers allow operators to test tubes quickly and efficiently without fatigue.

#### Model ATT-6525 Tube Tester

Tube Tester comes complete with both guns, 2 support tubes and seals for a specific tube size. Additional seals and support tubes can be purchased to expand your kit.



#### Model AJT-6500 Tube Joint Tester

Tube Joint Tester comes with joint testing gun, manifold tube and seal for a specific tube size. Additional seals and manifold tubes can be purchased to expand your kit.



#### Two Piece Condenser Tube Plugs

Two piece tube plugs for sealing off leaky tubes. Readily available for immediate delivery in brass and steel. Other materials available on request.



#### RCM One Revolution Tube Cutter

An economical tube cutter for cutting tubes in heat exchangers and condensers. Now available in English and Metric sizes. An excellent tool for puncturing tubes prior to plugging! Other high production model tube cutters are also available.



### Hole Gages

Fast, accurate, direct in line reading in .002" graduations are the results you get with an AIRETOOL self centering Hole Gage. A must tool to have for sizing tube or tube sheet. I.D.'s. Gages are available in 1/2", 5/8", 3/4", 7/8", 1", and 1-1/4" in 6" and 12" reach sizes. Each Hole Gage has range to measure tube sheet holes in next smaller tube size. All gages are furnished with setting ring and carrying/storage case.



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