



# AIRBE

MACHINE MFG., INC.

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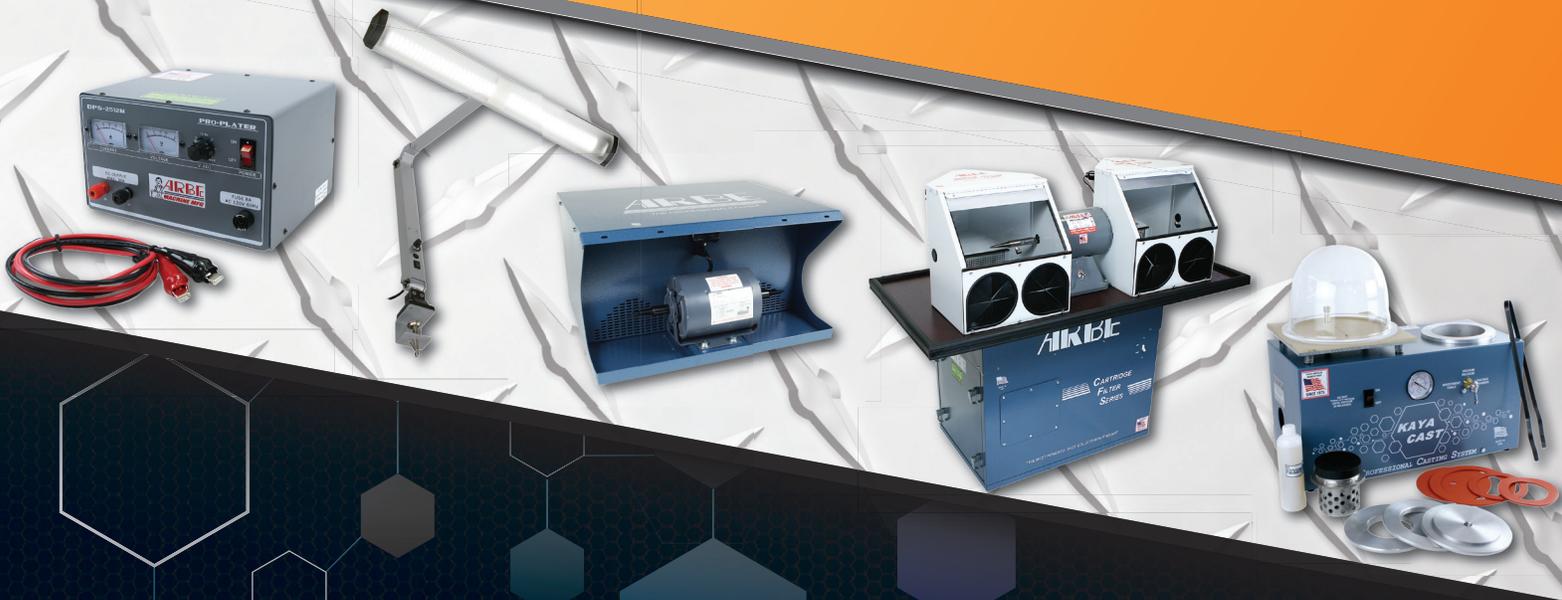
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# AIRBE

## MACHINE MFG., INC.





The word **quality** is embodied into every weld, bend, nut and bolt used in our equipment. As a family owned and operated business, **ARBE** takes great pride in manufacturing the highest level of quality products, incorporating today's latest manufacturing technologies in our 30,000 sq. ft. facility in Farmingdale, NY.

In a world of increasing competition, "cheap" prices come and go. However, true "**value**" withstands the test of time. We're proud to say that **ARBE** has been manufacturing the most dependable casting and polishing machines at competitive pricing in the US for over 35 years. The pledge to customer **service** put into place by our fathers in 1975 is the same pledge we uphold today. We stand behind all of our products 100%.

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# AIRBE RUBBER MOLD VULCANIZERS

## Exclusive Features:

- Heavy duty aluminum cast construction
- Ultra sensitive bulb and capillary thermostat ensures precise and consistent temperature control
- Steel framed ceramic-mica heating elements
- Thick aluminum heating plates

## Standard Vulcanizer

- **Plate Size:** 8" W x 5" D
- **Max Opening:** 2 3/4"
- **Max Temp:** 550 ° F

**Shipping Weight:** 39 lbs.

**Dimensions:** 15" W x 8" D x 18" H

### Description

Standard Vulcanizer 110v/60Hz/1Ph

Standard Vulcanizer 220v/50/60Hz/1Ph

### Model #

VD-102

VD-102.001

## Deluxe Vulcanizer

- **Plate Size:** 8 1/4" W x 6" D
- **Max Opening:** 4"
- **Max Temp:** 550 ° F

**Shipping Weight:** 56 lbs.

**Dimensions:** 14" W x 9" D x 20" H

### Description

Deluxe Vulcanizer 110v/60Hz/1Ph

Deluxe Vulcanizer 220v/50/60Hz/1Ph

### Model #

VD-101

VD-101.001

## Dual Control Deluxe Vulcanizer

- **Plate Size:** 8 1/4" W x 6" D
- **Max Opening:** 4"
- **Max Temp:** 550 ° F

**Shipping Weight:** 56 lbs.

**Dimensions:** 14" W x 9" D x 20" H

### Description

Dual Control Deluxe Vulcanizer 110v/60Hz/1Ph

Dual Control Deluxe Vulcanizer 220v/50/60Hz/1Ph

### Model #

DC-104

DC-104.001



**Exclusive Features:**

- Steel framed ceramic-mica heating elements
- Double sealed no leak nozzle
- Zinc plated heavy duty air pressure regulator with easy read dial
- Adjustable bi-metallic thermostat



**Mini Wax Injector**

- Wax Capacity: 1-1/3 Qt.
- Max Temp: 250° F

Shipping Weight: 19 lbs.

Dimensions: 8" W x 10" H

**Description**

**Model #**

1-1/3 Qt. Wax Injector 110v/60Hz/1Ph	WI-200
1-1/3 Qt. Wax Injector 220v/50/60Hz/1Ph	WI-200.001



**Mini Wax Injector with Hand Pump**

- Wax Capacity: 1-1/3 Qt.
- Max Temp: 250° F

Shipping Weight: 19 lbs.

Dimensions: 8" W x 14" H

**Description**

**Model #**

1-1/3 Qt. Wax Injector 110v/60Hz/1Ph/Hand Pump	WI-200.007
1-1/3 Qt. Wax Injector 220v/50/60Hz/1Ph/Hand Pump	WI-200.010

# AIRBE DIGITAL MINI WAX INJECTORS

## Exclusive Features:

- Digital temperature control allows you to set precise temperatures for your wax and monitor as needed.
- Temperature is precisely monitored by a built in sensor
- Easy-on, easy-off lid for super easy filling
- Pre-drilled base allows you to secure the unit to your work surface

## Digital Mini Wax Injector - 1 1/3 Qt.

- **Wax Capacity:** 1-1/3 Qt. (2.5 lbs.)
- **Max Temp:** 212° F

**Shipping Weight:** 27 lbs.

**Dimensions:** 11 1/4" W x 10" D x 12" H

### Description

1-1/3 Qt. Digital Wax Injector 110V/60Hz/1Ph

1-1/3 Qt. Digital Wax Injector 220V/50/60Hz/1Ph

### Model #

WI-200-D

WI-200.001-D



## Digital Mini Wax Injector with Hand Pump - 1 1/3 Qt.

- **Wax Capacity:** 1-1/3 Qt. (2.5 lbs.)
- **Max Temp:** 212° F

**Shipping Weight:** 27 lbs.

**Dimensions:** 11 1/4" W x 10" D x 18 1/2" H (w/Pump)

### Description

1-1/3 Qt. Digital Wax Injector w/ Hand Pump 110V/60Hz/1Ph

1-1/3 Qt. Digital Wax Injector w/ Hand Pump 220V/50/60Hz/1Ph

### Model #

WI-200.007-D

WI-200.010-D



# AIRBE LARGE CAPACITY WAX INJECTORS

## Exclusive Features:

- Ultra sensitive bulb and capillary thermostat ensures precise and consistent temperature control
- Steel framed ceramic-mica heating elements
- Double sealed no leak nozzle
- Convenient spigot drain allows easy cleaning and draining
- Zinc plated heavy duty air pressure regulator with easy to read dial



### 2-3/4 Quart Wax Injector

- Wax Capacity: 2-3/4 Quart
- Max Temp: 250 ° F

Shipping Weight: 27 lbs.  
Dimensions: 10" W x 14" H

Description	Model #
2-3/4 Qt. Wax Injector 110v/60Hz/1Ph	WI-201
2-3/4 Qt. Wax Injector 220v/50/60Hz/1Ph	WI-201.001
2-3/4 Qt. Wax Injector/ High Temp 110v/60Hz/1Ph	WI-201.005



### 2-3/4 Quart Wax Injector w/ Hand Pump

- Wax Capacity: 2-3/4 Quart
- Max Temp: 250 ° F

Shipping Weight: 27 lbs.  
Dimensions: 10" W x 21" H

Description	Model #
2-3/4 Qt. Wax Injector/ Hand Pump 110v/60Hz/1Ph	WI-201.011
2-3/4 Qt. Wax Injector/Hand Pump 220v/50/60Hz/1Ph	WI-201.012



### 4 Quart Wax Injector

- Wax Capacity: 4 Quart
- Max Temp: 250 ° F

Shipping Weight: 34 lbs.  
Dimensions: 10" W x 18" H

Description	Model #
4 Qt. Wax Injector 110v/60Hz/1Ph	WI-203
4 Qt. Wax Injector 220v/50/60Hz/1Ph	WI-203.001
4 Qt. Wax Injector w/Heated Nozzle 110v/60Hz/1Ph	WI-203.002
4 Qt. Wax Injector w/Heated Nozzle 220v/50/60Hz/1Ph	WI-203.008
4 Qt. Wax Injector/ High Temp 110v/60Hz/1Ph	WI-203.013
4 Qt. Wax Injector w/2 Nozzles 110v/60Hz/1Ph	WI-203.014
4 Qt. Wax Injector w/2 Nozzles 220v/50/60Hz/1Ph	WI-203.015

# AIRBE TABLE TOP CASTING EQUIPMENT

With over 30 years of manufacturing quality casting equipment, the **ARBE** line of table top casting machines are designed to outperform and outlast any comparable unit in the industry, making them the professional's choice for casting machines.

## Exclusive Features:

- Spring mounted investment table
- 1/2 HP, 3 CFM, dual stage deep draw vacuum pump
- "EZ Flow" oil input
- Quality high temperature double lined vacuum hose ensures years of trouble free service

## Kaya Cast

- **HP:** 1/2
- **CFM:** 3
- **Investment Plate Size:** 11" x 11"
- **Bell Jar:** 9" Diameter x 8" High

**Shipping Weight:** 87 lbs.

**Dimensions:** 23" W x 11" D x 14" H

## Description

Description	Model #
Table Top Combination Vacuum Investment and Casting Machine 110v/60Hz/1Ph	10
Table Top Combination Vacuum Investment and Casting Machine 220v/50/60Hz/1Ph	10.001
4" Adapter Plate F/Kaya Cast	10.003
3 1/2" Adapter Plate F/Kaya Cast	10.004
Solid Wall Flask Adapter F/Kaya Cast	10.005
Rubber Investing Pad F/#10 Casting Machine	10.006
3 1/2" Silicone Gasket, 1/8" Thick	SG-132
4" Silicone Gasket, 1/8" Thick	SG-122
Silicone Gasket F/Solid Wall Flask, 1/8" Thick	SG-112
9" x 8" Acrylic Bell Jar	PGB-9800



## Kaya Vest

- **HP:** 1/2
- **CFM:** 3
- **Investment Plate Size:** 11" x 11"
- **Bell Jar:** 9" Diameter x 8" High

**Shipping Weight:** 50 lbs.

**Dimensions:** 15" W x 8" D x 18" H

## Description

Description	Model #
Table Top Vacuum Investment 110v/60Hz/1Ph	10.015
Table Top Vacuum Investment 220v/50/60Hz/1Ph	10.016
9" x 8" Acrylic Bell Jar	PGB-9800





**A. 3 CFM Vacuum Pumps**

- HP: 1/2
- CFM: 3

Shipping Weight: 35 lbs.

Description	Model #
3 CFM Vacuum Pump 110v/60Hz/1Ph	VP-3
3 CFM Vacuum Pump 220v/50/60Hz/1Ph	VP-3.001



**B. 8 CFM Vacuum Pumps**

- HP: 3/4
- CFM: 8

Shipping Weight: 50 lbs.

Description	Model #
8 CFM Vacuum Pump 110v/60Hz/1Ph	VP-8
8 CFM Vacuum Pump 220v/50/60Hz/1Ph	VP-8.001



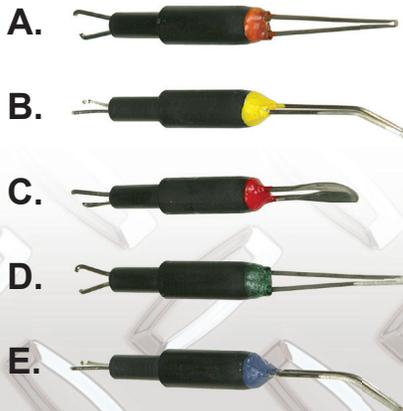
**Precision Wax Heating Tool**

- Heavy duty variable power rheostat enables precise and consistent temperature control
- Sturdy handle with ultra flexible cord provides comfortable use
- Built in holder provides a safe place to store handpiece when not in use

Shipping Weight: 6 lbs.

Dimensions: 4" W x 6" D x 3" H

Description	Model #
Wax Heating Tool w/Handpiece & 1 Tip 110v/60Hz	HT-105
Handpiece w/Cord Only F/Wax Heating Tool	HT-105.001
Wax Heating Tool w/Handpiece & 1 Tip 220v/50/60Hz	HT-105.007



**Precision Wax Heating Tool Tips**

- High Temperature and precision machined

Description	Model #
A. Orange Needle Nose Tip Only F/Wax Heating Tool	HT-105.005
B. Yellow Needle Nose Tip Only F/Wax Heating Tool	HT-105.004
C. Broad Spatula Tip Only F/Wax Heating Tool	HT-105.003
D. Green Flat Sharp Tip Only F/Wax Heating Tool	HT-105.006
E. Blue Needle Nose Tip Only F/Wax Heating Tool	HT-105.002

# AIRBE FLOOR MODEL CASTING EQUIPMENT

Proven technology with proven results make the **ARBE** line of floor model casting equipment the only choice for the professional caster. Dollar for dollar, our line of production casting equipment offers the lowest cost per flask, guaranteed!

## Exclusive Features:

- Spring mounted investment table
- Stronger vacuum pumps with greater CFM, when compared to other units
- Heavy duty design and fabrication with a tough powder coated finish

## Super Vac Vacuum Casting Machine

- Large casting chamber accommodates flask sizes up to 8" Dia. x 12" Height
  - Vacuum storage tank enables an instantaneous maximum pull around casting flask
  - Internal electric solenoid valve assembly enables a hands-free operation
- **HP:** 1-1/2

**Shipping Weight:** 414 lbs.

**Dimensions:** 25" W x 25" D x 40" H

Description	Model #
Super Vac Casting Machine 110v/60Hz/1Ph (w/Standard Oil Less Dry Pump)	VCM-81
Super Vac Casting Machine 220v/50/60Hz/1Ph (w/Standard Oil Less Dry Pump)	VCM-81.001



## Centrifugal Floor Model Casting Machine

- Automatic Digital Count Down Timer
  - Adjustable Speed
  - "Broken" arm designs allows maximum flow of molten metal into flask
  - Totally enclosed, dust proof and fan cooled motor
- **HP:** 1/3

**Shipping Weight:** 257 lbs.

**Dimensions:** 30" W x 30" D x 39" H

Description	Model #
Motor Driven Centrifugal Casting Machine 110v/60Hz/1Ph	48
Motor Driven Centrifugal Casting Machine 220v/60Hz/1Ph	48.001
Crucible Carrier F/Model #48	48.002
3" Flask Cradle F/Model #48	48.003
3-1/2" Flask Cradle F/Model #48	48.004
4" Flask Cradle F/Model #48	48.005





## Combination Casting & Vacuum Investing Machine

- Large casting chamber accommodates flask sizes up to 6" Dia. x 9" High
- Vacuum storage tank enables an instantaneous maximum pull around casting flask
- Internal electric solenoid valve assembly enables a hands free operation
- Space saving design incorporates both casting and investing
- Counter balanced manual lift allows easy storage of bell jar
- 20" x 20" investment table

**Shipping Weight:** 455 lbs.

**Dimensions:** 42" W x 22" D x 44" H

Description	Model #
Combination Casting & Vacuum Investing Machine 220v/60Hz/3Ph (w/Standard 1-1/2 HP Oil Filled Pump)	CCV-85
Combination Casting & Vacuum Investing Machine 110v/60Hz/1Ph (w/Standard 1-1/2 HP Oil Filled Pump)	CCV-85.002
14 3/4" x 13 1/4" Acrylic Bell Jar	PGB-1413

\* Unit supplied w/Lift and Bell Jar



## Mini Combination Casting & Vacuum Investing Machine

- Large casting chamber accommodates flask sizes up to 5" Dia. x 8 1/2" High
- Vacuum storage tank enables an instantaneous maximum pull around casting flask
- Internal electric solenoid valve assembly enables a hands free operation
- Space saving design incorporates both casting and investing
- 16" x 16" investment table

**Shipping Weight:** 384 lbs.

**Dimensions:** 26" W x 21" D x 38" H

Description	Model #
Mini Combination Casting & Vacuum Investing Machine 220v/60Hz/3Ph (w/Standard 1 HP Oil Filled Pump)	CCVM-99
Mini Combination Casting & Vacuum Investing Machine 110v/60Hz/1Ph (w/Standard 1 HP Oil Filled Pump)	CCVM-99.001
10 5/8" x 10" Acrylic Bell Jar	PGB-105810

\* Unit supplied w/Bell Jar



## Vacuum Investing Machine

**16" x 16" investment table**

**Shipping Weight:** 238 lbs.

**Dimensions:** 20" W x 24" D x 41" H

**Bell Jar:** 10 5/8" ID x 10" H

\* Ships complete w/Bell Jar

**20" x 20" investment table**

**Shipping Weight:** 314 lbs.

**Dimensions:** 24" W x 27" D x 41" H

**Bell Jar:** 14 3/4" ID x 13 1/4" H

\* Ships complete w/Bell Jar & Lift

**25" x 25" investment table**

**Shipping Weight:** 383 lbs.

**Dimensions:** 26" W x 29" D x 41" H

**Bell Jar:** 20" ID x 17" H

\* Ships complete w/Bell Jar & Lift

Description	Model #
16" x 16" Vacuum Investing Machine 110v/60Hz/1Ph (w/Standard 1 HP Oil Filled Pump)	VIM-83.024
20" x 20" Vacuum Investing Machine 110v/60Hz/1Ph (w/Standard 1 HP Oil Filled Pump)	VIM-83.028
25" x 25" Vacuum Investing Machine 110v/60Hz/1Ph (w/Standard 1 1/2 HP Oil Filled Pump)	VIM-83.032
10 5/8" x 10" Acrylic Bell Jar	PGB-105810
14 3/4" x 13 1/4" Acrylic Bell Jar	PGB-1413
20" x 17" Acrylic Bell Jar	PGB-2016

\* Various voltage & pump configurations may be installed on all units.  
Call for specifications and requirements

ARBE machine offers an extensive variety of casting accessories to complement our equipment

## Flasks

- High quality 304 stainless steel
- Heavy duty welds

Description	Model #
4" x 4" Perforated Flask	FL-342
4" x 6" Perforated Flask	FL-344
4" x 7" Perforated Flask	FL-346
4" x 8" Perforated Flask	FL-347
4" x 8 1/2" Perforated Flask	FL-348

\* Many other sizes available. Please inquire.



## A. Individual Size Flask Tong

- These heavy duty flask tongs are custom made to their respective flask diameter using 1/2" diameter steel

Description	Model #
3" Flask Tong, 36" Long	FT-2025
3 1/2" Flask Tong, 36" Long	FT-3025
4" Flask Tong, 36" Long	FT-4025
5" Flask Tong, 36" Long	FT-5025



## B. Adjustable Flask Tong

- Light weight and practical, this flask tong can be adjusted to accommodate a 4", 5", or 6" diameter flask

Description	Model #
4", 5", 6" Adjustable Flask Tong	FT-9900



## C. Spring Action Flask Tong

- The spring action of this particular style flask tong enables the user to operate with one hand

Description	Model #
Spring Action Flask Tong	GT-0200



## D. Crucible Tong

- Heavy duty tongs are designed to easily handle the pouring of crucibles

Description	Model #
Crucible Tong	CT-035



## Casting Gaskets

Description	Model #
Silicone Gasket F/Solid Wall Casting Flask 1/8" Thick	SG-112
4" Silicone Gasket, 1/8" Thick	SG-122
4" Silicone Gasket, 1/4" Thick	SG-123
3-1/2" Silicone Gasket, 1/8" Thick	SG-132
3-1/2" Silicone Gasket, 1/4" Thick	SG-133
4" Kilingerit Gasket	KG-180
3-1/2" Kilingerit Gasket	KG-181



# AIRBE FLOOR MODEL DUST COLLECTORS

Designed and manufactured to be the most powerful dust collectors in the jewelry industry, guaranteed! The **ARBE** family of dust collectors offer exclusive design features not found on any other comparable dust collectors, making it the professional's choice.

### Exclusive Features:

- Each dust collector is designed to generate the highest CFM and provide the strongest suction
- Heavy gauge sealed cabinets ensure maximum collection efficiency with the least amount of noise and vibration
- Standard stack on silencers are included on all of our floor model units
- Bag shaker pedal and large pull out tray ensure trouble-free and easy maintenance
- Ultra-weave filter bags collect all solid particulate down to 1/3 micron



### Direct Flow Dust Collector

- Direct flow technology allows the use of only 2 hanging filter bags while a second stage ultra-weave pleated filter provides exceptional filtration, making this unit the most cost effective option for the end user

- **HP:** 1/2
- **CFM:** 600
- **Stations:** 1-2

**Shipping Weight:** 64 lbs.

**Dimensions:** 16" W x 16" D x 20" H

Description	Model #
Direct Flow Dust Collector 110v/60Hz/1Ph	DFT-560
Direct Flow Dust Collector 220v/50/60Hz/1Ph	DFT-560.001
Replacement Hanging Filter Bag f/DFT-560 or DFT-014	DFT-014.001
Pleated Filter Only f/DFT-560 or DFT-014	DFT-014.002



### 1/2 HP Dust Collector

- **HP:** 1/2
- **CFM:** 400
- **Stations:** 1-2
- **Filter Area:** 15 Sq. Ft.

**Shipping Weight:** 87 lbs.

**Dimensions:** 16" W x 16" D x 20" H

Description	Model #
1/2 HP Dust Collector 110v/60Hz/1Ph	DC-800
1/2 HP Dust Collector 220v/60Hz/1Ph	DC-800.002
1/2 HP Dust Collector 220v/50Hz/1Ph	DC-800.003
Replacement Filter Bags (Set of 14)	DC-800.001

### 1 HP Dust Collector

- **HP:** 1
- **CFM:** 1000
- **Stations:** 2-4
- **Filter Area:** 90 Sq. Ft.

**Shipping Weight:** 225 lbs.  
**Dimensions:** 25" W x 25" D x 39" H

Description	Model #
1 HP Dust Collector 110v/60Hz/1Ph	DC-802
1 HP Dust Collector 220v/60Hz/1Ph	DC-802.002
1 HP Dust Collector 220v/50Hz/1Ph	DC-802.003
Replacement Filter Bags (Set of 24)	DC-802.001



### 3 HP Dust Collector

- **HP:** 3
- **CFM:** 1300
- **Stations:** 4-6
- **Filter Area:** 180 Sq. Ft.

**Shipping Weight:** 325 lbs.  
**Dimensions:** 28" W x 28" D x 61" H

Description	Model #
3 HP Dust Collector 220v/60Hz/3Ph	DC-804
3 HP Dust Collector 220v/60Hz/1Ph	DC-804.002
3 HP Dust Collector 220v/50Hz/1Ph	DC-804.003
Replacement Filter Bags (Set of 30)	DC-804.001



### 7-1/2 HP Dust Collector

- **HP:** 7-1/2
- **CFM:** 2000
- **Stations:** 6-8
- **Filter Area:** 360 Sq. Ft.

**Shipping Weight:** 487 lbs.  
**Dimensions:** 28" W x 35" D x 77" H

Description	Model #
7.5 HP Dust Collector 220v/60Hz/3Ph	DC-806
Replacement Filter Bags (Set of 26)	DC-806.001



# AIRBE CARTRIDGE FILTER DUST COLLECTORS

**Exclusive Features:**

- The strongest suction and highest CFM in the jewelry industry, guaranteed!
- Ultra compact and quiet
- Quick and easy filter replacement
- Spun cartridge media captures all solid particulate down to .3 micron



## 2 Station Dust Collector

- HP: 1
- CFM: 830
- Stations: 1-2
- dbA: 59

**Shipping Weight:** 97 lbs.

**Dimensions:** 14" W x 28" D x 16" H

Description	Model #
2 Station Cartridge Filter Dust Collector 110v/60Hz/1Ph	CFS-4
2 Station Cartridge Filter Dust Collector 220v/60Hz/1Ph	CFS-4.001
Replacement Cartridge Filter	CFS-24.01



## 4 Station Dust Collector

- HP: 1
- CFM: 1100
- Stations: 2-4
- dbA: 59

**Shipping Weight:** 157 lbs.

**Dimensions:** 18" W x 29" D x 21" H

Description	Model #
4 Station Cartridge Filter Dust Collector 110v/60Hz/1Ph	CFS-8
4 Station Cartridge Filter Dust Collector 220v/60Hz/1Ph	CFS-8.002
Replacement Cartridge Filter	CFS-8.001

## Jewelers Bench Vacuum System

- Dual filtration with primary disposable, **ARBE** exclusive, triple ply vacuum bag for all solid particulate (grindings, fillings, shavings, etc.) and secondary active charcoal filter for fume extraction
- Powerful **110 CFM** Suction Motor

**Shipping Weight:** 36 lbs.

**Dimensions:** 10" W x 15 1/4" D x 14" H

Description	Model #
Jewelers Bench Vac System 110v/60Hz/1Ph	JBV-05
Jewelers Bench Vac System 220v/50/60Hz/1Ph	JBV-05.001
Replacement Charcoal Filter F/Jewelers Bench Vac	JBV-05.002
Disposable Air Filter Bags (Package of 6)	JBV-05.003
(Optional) Bench Pin w/Vacuum Inlet	JBV-05.004



## Portable Dust Collector

- Ideal solution for on demand dust collection for light grinding and polishing
- Powerful **165 CFM** Suction Motor

**Shipping Weight:** 28 lbs.

**Dimensions:** 13 1/2" W x 18 1/2" D x 10 1/2" H

Description	Model #
Portable Dust Collector 110v/60Hz/1Ph	PDC-480
Portable Dust Collector 220v/50/60Hz/1Ph	PDC-480.001
Replacement Filter	SS-206.002



## Jewelers Bench Vac-2

- Ideal solution for on demand dust collection for Mini Table Top Polishing Motors

**Shipping Weight:** 28 lbs.

**Dimensions:** 13" W x 12" D x 9" H

Description	Model #
Jewelers Bench Vac 2 Dust Collector 110v/60Hz/1Ph	JBV-2
Filter Only f/JBV-2	JBV-2.001



# AIRBE FLOOR MODEL POLISHING SYSTEMS

## Exclusive Features:

- All ARBE floor model polishing systems incorporate a high base, heavy duty, totally sealed and permanently lubricated ball bearing **PRO-SERIES** line of polishing motors, rated at 3450 RPM, proven to be a true work horse!
- High impact mahogany surface laminate benchtop provides a spacious and clean environment, also enabling easy maintenance of work area
- Supplied with extra wide steel constructed and powder coated polishing hoods
- Comes fully assembled, ready to be installed



### Mini Floor Model Polishing System w/1/2 HP Dust Collector, 3/4 HP Single Spindle Polishing Motor and 1 Hood

- Dust Collector HP: 1/2
- Polishing Motor HP: 3/4
- CFM: 400
- Filter Area: 15 sq. ft.

**Shipping Weight:** 187 lbs.

**Dimensions:** 24" W x 24" D x 48" H

**Dust Collector Unit:** 16" W x 16" D x 20" H

**Benchtop:** 24" W x 24" D

#### Description

Description	Model #
Mini Single Spindle Polishing System 110v/60Hz/1Ph	MMD-946
Mini Single Spindle Polishing System 220v/60Hz/1Ph	MMD-946.003
Mini Single Spindle Polishing System 220v/50Hz/1Ph	MMD-946.004
Replacement Filter Bags (Set of 14)	DC-800.001



### Mini Floor Model Polishing System w/1/2 HP Dust Collector, 1/2 HP Double Spindle Polishing Motor and 2 Hoods

- Dust Collector HP: 1/2
- Polishing Motor HP: 1/2
- CFM: 400
- Filter Area: 15 sq. ft.

**Shipping Weight:** 207 lbs.

**Dimensions:** 40" W x 22" D x 48" H

**Dust Collector Unit:** 16" W x 16" D x 20" H

**Benchtop:** 40" W x 22" D

#### Description

Description	Model #
Mini Double Spindle Polishing System 110v/60Hz/1Ph	MMD-948
Mini Double Spindle Polishing System 220v/60Hz/1Ph	MMD-948.001
Mini Double Spindle Polishing System 220v/50Hz/1Ph	MMD-948.004
Replacement Filter Bags (Set of 14)	DC-800.001

**Floor Model Polishing System w/1 HP Dust Collector, 1/2 HP Double Spindle Polishing Motor and 2 Hoods**

- Dust Collector HP: 1
- Polishing Motor HP: 1/2
- CFM: 1000
- Filter Area: 90 sq. ft.

**Shipping Weight:** 347 lbs.  
**Dimensions Overall:** 48" W x 31" D x 56" H  
**Dust Collector Unit:** 25" W x 25" D x 39" H  
**Benchtop:** 48" W x 24" D

Description	Model #
1HP Double Spindle Polishing System 110v/60Hz/1Ph	FMD-940
1HP Double Spindle Polishing System 220v/60Hz/1Ph	FMD-940.002
1HP Double Spindle Polishing System 220v/50Hz/1Ph	FMD-940.003
Replacement Filter Bags (Set of 24)	DC-802.001



**Floor Model Polishing System w/1 HP Dust Collector, 2 Pcs. 3/4 HP Polishing Motors and 2 Hoods**

- Dust Collector HP: 1
- Polishing Motor HP: 3/4
- CFM: 1000
- Filter Area: 90 sq. ft.

**Shipping Weight:** 389 lbs.  
**Dimensions Overall:** 48" W x 31" D x 56" H  
**Dust Collector Unit:** 25" W x 25" D x 39" H  
**Benchtop:** 48" W x 24" D

Description	Model #
1HP Polishing System w/2 Motors 110v/60Hz/1Ph	FMD-936
1HP Polishing System w/2 Motors 220v/60Hz/1Ph	FMD-936.002
1HP Polishing System w/2 Motors 220v/50Hz/1Ph	FMD-936.003
Replacement Filter Bags (Set of 24)	DC-802.001



**Floor Model Polishing System w/1 HP Dust Collector, 3/4 HP Polishing Motor and Lapping Machine**

- Dust Collector HP: 1
- Polishing Motor HP: 3/4
- CFM: 1000
- Filter Area: 90 sq. ft.

**Shipping Weight:** 397 lbs.  
**Dimensions Overall:** 48" W x 31" D x 56" H  
**Dust Collector Unit:** 25" W x 25" D x 39" H  
**Benchtop:** 48" W x 24" D

Description	Model #
1HP Polishing System w/ Motor and Lap 110v/60Hz/1Ph	PS-274
1HP Polishing System w/ Motor and Lap 220v/60Hz/1Ph	PS-274.003
1HP Polishing System w/ Motor and Lap 220v/50Hz/1Ph	PS-274.004
Replacement Filter Bags (Set of 24)	DC-802.001



# AIRBE ENCLOSED FLOOR MODEL POLISHING SYSTEMS

Each of the standard **ARBE** floor model polishing systems are available with the **ARBE** exclusive line of Super Flow Enclosed Polishing Hoods

### Exclusive Features:

- Each Super Flow Polishing System is designed to outperform any other enclosed polishing system that is available on the market. The **ARBE** exclusive Super Flow totally enclosed hoods are designed to properly direct air flow, as well as maximize dust collection and filtration.



**Mini Floor Model Polishing System w/1/2 HP Dust Collector, 3/4 HP Single Spindle Polishing Motor and Enclosed Polishing Hood**

- **Dust Collector HP:** 1/2
- **Polishing Motor HP:** 3/4
- **CFM:** 400

**Shipping Weight:** 187 lbs.  
**Benchtop Dimensions:** 26" W x 24" D  
**Overall Dimensions:** 26" W x 24" D x 48" H

### Description

Description	Model #
Mini Single Spindle Enclosed Polishing System 110v/60Hz/1Ph	MMD-946.002
Mini Single Spindle Enclosed Polishing System 220v/60Hz/1Ph	MMD-946.003
Replacement Filter Bags (Set of 14)	DC-800.001



**Mini Floor Model Polishing System w/1/2 HP Dust Collector, 1/2 HP Double Spindle Polishing Motor and 2 Enclosed Polishing Hoods**

- **Dust Collector HP:** 1/2
- **Polishing Motor HP:** 1/2
- **CFM:** 400

**Shipping Weight:** 207 lbs.  
**Benchtop Dimensions:** 48" W x 24" D  
**Overall Dimensions:** 48" W x 24" D x 48" H

### Description

Description	Model #
Mini Double Spindle Enclosed Polishing System 110v/60Hz/1Ph	MMD-948.005
Mini Double Spindle Enclosed Polishing System 220v/60Hz/1Ph	MMD-948.0012
Replacement Filter Bags (Set of 14)	DC-800.001



**Direct Flow Stand Up Enclosed Polishing System**

- **Dust Collector HP:** 1/2
- **Polishing Motor HP:** 1/2
- **CFM:** 600

**Shipping Weight:** 207 lbs.  
**Benchtop Dimensions:** 40" W x 24" D  
**Overall Dimensions:** 40" W x 24" D x 54" H

### Description

Description	Model #
Direct Flow Stand Up Enclosed Polishing System 110v/60Hz/1Ph	DFT-014
Replacement Filter Bag	DFT-014.001
Replacement Pleated Filter	DFT-014.002



**Floor Model Polishing System w/1 HP Dust Collector, 1/2 HP Double Spindle Polishing Motor and 2 Enclosed Hoods**

- Dust Collector HP: 1
- Polishing Motor HP: 1/2
- CFM: 1000
- Filter Area: 90 sq. ft.

**Shipping Weight:** 347 lbs.  
**Benchtop Dimensions:** 48" W x 24" D  
**Overall Dimensions:** 48" W x 31" D x 58" H

**Description**

Description	Model #
1HP Enclosed Double Spindle Polishing System 110v/60Hz/1Ph	FMD-940.004
1HP Enclosed Double Spindle Polishing System 220v/60Hz/1Ph	FMD-940.006
Replacement Filter Bags (Set of 24)	DC-802.001



**Floor Model Polishing System w/1 HP Dust Collector, 2 3/4 HP Single Spindle Polishing Motors and 2 Enclosed Hoods**

- Dust Collector HP: 1
- Polishing Motor HP: 3/4
- CFM: 1000

**Shipping Weight:** 383 lbs.  
**Benchtop Dimensions:** 48" W x 24" D  
**Overall Dimensions:** 48" W x 31" D x 58" H

**Description**

Description	Model #
1HP Enclosed Polishing System w/2 Motors 110v/60Hz/1Ph	FMD-936.004
1HP Enclosed Polishing System w/2 Motors 220v/60Hz/1Ph	FMD-936.005
Replacement Filter Bags (Set of 24)	DC-802.001



**Floor Model Polishing System w/1 HP Dust Collector, 1 3/4 HP Single Spindle Polishing Motor, Lapping Machine and Enclosed Hoods**

- Dust Collector HP: 1
- Polishing Motor HP: 3/4
- CFM: 1000

**Shipping Weight:** 397 lbs.  
**Benchtop Dimensions:** 48" W x 24" D  
**Overall Dimensions:** 48" W x 31" D x 56" H

**Description**

Description	Model #
1HP Enclosed Polishing System w/Motor and Lap 110v/60Hz/1Ph	PS-274.006
1HP Enclosed Polishing System w/Motor and Lap 220v/60Hz/1Ph	PS-274.007
Replacement Filter Bags (Set of 24)	DC-802.001



**Exclusive Features:**

- The most innovative polishing system developed for the jewelry industry
- Totally enclosed hoods with the **ARBE** exclusive Super-Flow technology directing 100% air flow into inlets
- Rated 1100 CFM, the most powerful dust collector in its class manufactured in the industry, guaranteed!
- First stage cartridge filter captures all solid particulate down to 1/3 micron, second stage HEPA exhaust filter at 99.99% efficiency captures all airborne allergens including dust and pollen



HEPA Filter

### Cartridge Filter Deluxe Polishing System

- **Dust Collector HP:** 1
- **Polishing Motor HP:** 1/2
- **CFM:** 1100

**Shipping Weight:** 333 lbs.

**Dimensions Overall:** 48" W x 24" D x 43" H

**Dust Collector Unit:** 18" W x 29" D x 28" H

**Benchtop:** 48" W x 24" D

**Description**

Description	Model #
Cartridge Filter Deluxe Polishing System 110v/60Hz/1Ph	CFSD-920
Replacement Cartridge Filter	CFS-8.001
Replacement HEPA Filter	CFSD-920.001

# ARBE PRODUCTION POLISHING BENCH SYSTEMS

## Exclusive Features:

- All ARBE polishing systems feature the high base, heavy duty, totally sealed and permanently lubricated ball bearing **PRO-SERIES** line of polishing motors
- High impact mahogany surface laminate bench top provides a spacious and clean environment, also enabling easy maintenance of work area
- Heavy-duty welded angle iron constructed benches provide a sturdy base
- Supplied with extra wide steel constructed and power coated polishing hoods
- Comes fully assembled, ready to install

## Polishing Bench System

Description	Model #
4 Ft. Polishing Bench w/2 3/4 HP Polishing Motors and 2 Hoods	PBS-426
4 Ft. Polishing Bench w/1 3/4 HP Polishing Motor, 1 Hood and 1 Lapping Machine	PBS-430
5 Ft. Polishing Bench w/2 3/4 HP Polishing Motors and 2 Hoods	PBS-540
5 Ft. Polishing Bench w/1 3/4 HP Polishing Motor, 1 Hood and 1 Lapping Machine	PBS-544

\* Please note, we can manufacture many different configurations and sizes as to customers request. Please call to discuss



## Polishing Bench

Description	Model #
2 Ft. Polishing Bench	PB-718
4 Ft. Polishing Bench	PB-720
5 Ft. Polishing Bench	PB-721
6 Ft. Polishing Bench	PB-722

\* Please note, we can manufacture many different configurations and sizes as to customers request. Please call to discuss

# AIRBE TABLE TOP POLISHING MACHINES

**Exclusive Features:**

- Squirrel cage blowers provide the strongest suction in their class.
- Sealed and insulated cabinets provide maximum dust collector efficiency.
- Quick and easy filter replacement.



**Single Spindle Polishing Machine**

- Polishing Motor HP: 1/2
- CFM: 165

**Shipping Weight:** 47 lbs.  
**Dimensions:** 15" W x 18.5" D x 10" H

Description	Model #
Single Spindle Polishing Machine 110v/60Hz/1Ph	SS-206
Single Spindle Polishing Machine 220v/50/60Hz/1Ph	SS-206.004
Replacement Filter	SS-206.002



**Medium Double Spindle Polishing Machine**

- Polishing Motor HP: 1/2
- CFM: 165

**Shipping Weight:** 57 lbs. (Ships In 2 Boxes)  
**Dimensions:** 22 1/2" W x 19" D x 12" H

Description	Model #
Medium Double Spindle Polishing Machine 110v/60Hz/1Ph	MD-205
Medium Double Spindle Polishing Machine 220v/50/60Hz/1Ph	MD-205.001
Replacement Filter	MD-205.002



**Large Double Spindle Polishing Machine**

- Polishing Motor HP: 1/2
- CFM: 465

**Shipping Weight:** 73 lbs. (Ships In 2 Boxes)  
**Dimensions:** 32 1/2" W x 22" D x 12" H

Description	Model #
Large Double Spindle Polishing Machine 110v/60Hz/1Ph	DS-204
Large Double Spindle Polishing Machine 220v/50/60Hz/1Ph	DS-204.001
Replacement Filter	DS-204.003



**Large Double Spindle Polishing Machine Without Motor**

- Polishing Motor HP: No Polishing Motor Supplied
- CFM: 465

**Shipping Weight:** 60 lbs.  
**Dimensions:** 32 1/2" W x 22" D x 12" H

Description	Model #
Lg. Double Spindle Polishing Machine w/o Motor 110v/60Hz/1Ph	DS-204.002
Replacement Filter	DS-204.003

# AIRBE TABLE TOP POLISHING MACHINES

## Exclusive Features:

- Squirrel cage blowers provide the strongest suction in their class.
- Sealed and insulated cabinets provide maximum dust collector efficiency.
- Quick and easy filter replacement.

### Down Draft Single Spindle Polishing Machine

- Polishing Motor HP: 1/2
- CFM: 465

Shipping Weight: 93 lbs.

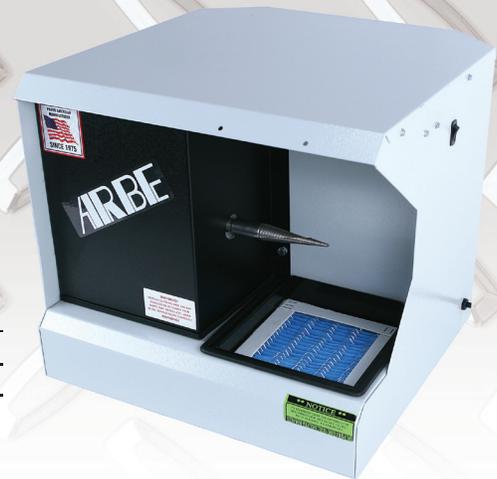
Dimensions: 18 1/4" W x 19" D x 16 1/4" H

#### Description

Down Draft Single Spindle Polishing Machine 110v/60Hz/1Ph  
Replacement Filter

#### Model #

DDS-015  
DDS-013.001



### Down Draft Single Spindle Polishing Machine With Variable Speed

- Polishing Motor HP: 1/2
- 0-3600 RPM Variable Speed

Shipping Weight: 96 lbs.

Dimensions: 18 1/4" W x 19" D x 16 1/4" H

#### Description

Down Draft Single Spindle Polishing Machine V/S 110v/60Hz/1Ph  
Replacement Filter

#### Model #

DDS-013  
DDS-013.001



### Totally Enclosed Double Spindle Polishing Machine

- Polishing Motor HP: 1/2
- CFM: 600

Shipping Weight: 104 lbs. (Ships In 2 Boxes)

Dimensions: 24" W x 29 1/2" D x 14 1/2" H

#### Description

Totally Enclosed Double Spindle Polishing Machine 110v/60Hz/1Ph  
Replacement Filter

#### Model #

TEPM-09  
TEPM-09.002



# AIRBE PRO-SERIES PROFESSIONAL POLISHING MOTORS

Designed and manufactured to be the most powerful and efficient motors in the industry, giving the end user the most horsepower and torque. The **ARBE** line of Pro-Series motors have exclusive design features not found in any comparable motor, making it the professional's choice.

**Exclusive Features:**

- Rubber framed resilient base mounting reduces vibration
- Supplied with spindles



**Single Spindle Polishing Motor**

- Polishing Motor HP: 1/2
- RPM: 3450

**Shipping Weight:** 19 lbs.

**Dimensions:** 9 1/2" W x 6" D x 6" H

**Description**

Single Spindle Polishing Motor 110v/60Hz/1Ph  
Right Hand Replacement Spindle

**Model #**

SS-206.001  
TSR-574



**Double Spindle Polishing Motor**

- Polishing Motor HP: 1/2
- RPM: 3450

**Shipping Weight:** 22 lbs.

**Dimensions:** 12 1/2" W x 6" D x 6" H

**Description**

Double Spindle Polishing Motor 110v/60Hz/1Ph  
Right Hand Replacement Spindle  
Left Hand Replacement Spindle

**Model #**

DSM-100  
TSR-574  
TSL-572



**Mini Variable Speed Double Spindle Polishing Motor**

- Polishing Motor HP: 1/6
- RPM: 1800-7000

**Shipping Weight:** 8 lbs.

**Dimensions:** 6" W x 4 1/2" D x 5 1/4" H

**Description**

Mini Variable Speed Double Spindle Polishing Motor 110v/60Hz/1Ph

**Model #**

PM-117



**Two-Speed Double Spindle Polishing Motor**

- Polishing Motor HP: 1/2
- RPM: 1725/3450

**Shipping Weight:** 35 lbs.

**Dimensions:** 7 1/2" W x 7 1/2" D x 9" H

**Description**

Two-Speed Double Spindle Polishing Motor 110v/60Hz/1Ph

**Model #**

PM-803

### Exclusive Features:

- High base, heavy duty, totally sealed and permanently lubricated.
- Unique tapered and threaded shaft design virtually eliminates vibration.
- Capable of handling up to 8" diameter buffs
- Rubber mounted motor base reduces vibration.

### Single Spindle Pro-Series Polishing Motor

- RPM: 3450
- Supplied with spindle

Shipping Weight: 45 lbs.

Overall Width: 13"

Motor Height: 11"

Height to Center of Shaft: 7"

#### Description

3/4 HP Right Hand Polishing Motor 110v/60Hz/1Ph

3/4 HP Right Hand Polishing Motor 220v/60Hz/1Ph

3/4 HP Left Hand Polishing Motor 110v/60Hz/1Ph

3/4 HP Left Hand Polishing Motor 220v/60Hz/1Ph

1/2 HP Right Hand Polishing Motor 110v/60Hz/1Ph

#### Model #

PM-505

PM-505.001

PM-507

PM-507.001

PM-516



### Double Spindle Pro-Series Polishing Motor

- RPM: 3450
- Supplied with spindles

Shipping Weight: 49 lbs.

Overall Width: 16"

Motor Height: 11"

Height to Center of Shaft: 7"

#### Description

1/2 HP Double Spindle Polishing Motor 110v/60Hz/1Ph

1/2 HP Double Spindle Polishing Motor 220v/50/60Hz/1Ph

#### Model #

PM-517

PM-517.001



### Variable Speed Double Spindle Pro-Series Polishing Motor

- The jewelry industry's first and only fully variable 1/2 HP double spindle polishing motor, enabling full torque at any speed from 0-3450 RPM
- Supplied with spindles and 1/2" Arbors

Shipping Weight: 49 lbs.

Overall Width: 16"

Motor Height: 11"

Height to Center of Shaft: 7"

#### Description

1/2 HP V/S Double Spindle Polishing Motor 110v/60Hz/1Ph

#### Model #

PM-504



# AIRBE POLISHING HOODS

Designed and manufactured to complement any dust collecting system. The entire line of AIRBE polishing hoods are designed to maximize air flow and maximize the performance of your dust collection system.

**Exclusive Features:**

- Fabricated out of heavy gauge sheet metal.
- Powder coated finish.



### Polishing Hood

- **Shipping Weight:** 19 lbs.
- **Dimensions:** 12 3/4" W x 16" D x 15" H
- Supplied with 2 sockets

Description	Model #
Polishing Hood 110v/220v/50/60Hz/1Ph	B
Socket With Cord F/Polishing Hoods	B.001
3" Inlet Screen F/Polishing Hood	B.002



### Hood Shield

- Adjustable angle
- Protects against flying particles. For installation on any jeweler's hood

**Dimensions:** 6" W x 9" H x 1/8" Thick

Description	Model #
Hood Shield (Not supplied with Polishing Hood)	B.014



### Polishing Hood With LED Lighting

- **Shipping Weight:** 19 lbs.
- **Dimensions:** 12 3/4" W x 16" D x 17" H

Description	Model #
Polishing Hood W/LED Lighting 110v/220v/50/60Hz/1Ph	B.003



### Open Style Super Flow Polishing Hood

- **Shipping Weight:** 35 lbs.
- **Dimensions:** 14" W x 15" D x 15 1/4" H

Description	Model #
Open Style Super Flow Polishing Hood 110v/220v/50/60Hz/1Ph	B.017

# AIRBE POLISHING HOODS

Designed and manufactured to complement our dust collectors, the AIRBE line of polishing hoods properly direct air flow into the dust collector promoting maximum efficiency.

## Exclusive Features:

- Super flow design.
- Fabricated out of heavy gauge powder coated sheet metal.

### “Super-Flow” Totally Enclosed Polishing Hood

- The most innovative totally enclosed polishing hood in the industry.
- Designed to capture 100% of polishing rouge and dust.
- Polycarbonate scratch proof viewing shield.

**Shipping Weight:** 23 lbs.

**Dimensions:** 14” W x 15” D x 15 1/4” H

#### Description

“Super-Flow” Totally Enclosed Polishing Hood  
110v/220v/50/60Hz/1Ph

#### Model #

B.009



Exclusive “Super-Flow” design feature directs 100% of air flow directly into the dust collector

### “Super-Flow” Totally Enclosed Polishing Hood XL

- The most innovative totally enclosed polishing hood in the industry.
- Designed to capture 100% of polishing rouge and dust.
- Polycarbonate scratch proof viewing shield.

**Shipping Weight:** 29 lbs.

**Dimensions:** 18” W x 16” D x 15” H

#### Description

“Super-Flow” Totally Enclosed Polishing Hood XL  
110v/220v/50/60Hz/1Ph

#### Model #

B.016



### “Super-Flow” Totally Enclosed Lapping Hood

- The most innovative totally enclosed lapping hood in the industry.
- Designed to capture 100% of polishing rouge and dust.
- Polycarbonate scratch proof viewing shield.

**Shipping Weight:** 29 lbs.

**Dimensions:** 16” W x 15” D x 14” H

#### Description

“Super-Flow” Totally Enclosed Lapping Hood  
110v/220v/50/60Hz/1Ph

#### Model #

SL-400.010

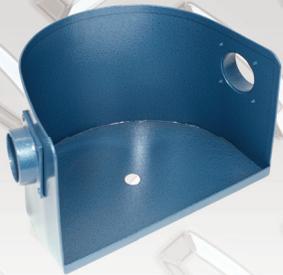


# AIRBE POLISHING HOODS

Designed and manufactured to complement any dust collecting system. The entire line of AIRBE polishing hoods are designed to maximize air flow and maximize the performance of your dust collection system.

**Exclusive Features:**

- Fabricated out of heavy gauge sheet metal.
- Powder coated finish.



## Round Lapping Machine Hood

**Shipping Weight:** 23 lbs.

**Dimensions:** 14" W x 15" D x 15 1/4" H

Description	Model #
Round Lapping Machine Hood 110v/60Hz/1Ph	B.006



## Gold Grinding Box

- The most innovative grinding collecting hood in the industry
- Lockable drawer prevents theft
- 3" mounted flange connects to dust collector.

**Shipping Weight:** 29 lbs

**Dimensions:** 16" W x 16" D x 16" H

Description	Model #
Gold Grinding Box 110v/60Hz/1Ph	GB-925



## Small Fish Mouth Hood

- Wide-opening suction hood can be placed directly behind the work area on your bench top to collect all solid particulate and rubber wheeling debris.

**Shipping Weight:** 14 lbs

**Dimensions:** 8" W x 9 1/2" D x 5" H

Description	Model #
Small Fish Mouth Hood 110v/60Hz/1Ph	B.007



## CPR Pad

- Use to line your Polishing Hoods to make recovery and clean up easy! Also provides cushioning for fly-away pieces.

Description	Model #
CPR Pad	CPR-901

## A. 1/2" Set Screw Tapered Spindle

- 1/2" ID x 3 1/2" L

### Description

1/2" Tapered Spindle For Straight Shaft, Right  
1/2" Tapered Spindle For Straight Shaft, Left

### Model #

TSR-574  
TSL-572



## B. Tapered Spindle For Friction Fit Shaft

- Tapered ID x 3.5" L

### Description

Tapered Spindle For Friction Fit Shaft, Right  
Tapered Spindle For Friction Fit Shaft, Left

### Model #

TSR-554  
TSL-552



## C. Tapered Spindle For Lapping Machine

- 5/8" ID x 6" L

### Description

Tapered Spindle For Lapping Machine, Left

### Model #

SL-400.004



## D. 5/8" Tapered Spindle With Threaded Inside

- 5/8" Tapered ID x 6" L

### Description

5/8" Tapered Spindle with Threaded Inside, Right  
5/8" Tapered Spindle with Threaded Inside, Left

### Model #

TSR-580  
TSL-582



## E. Cone Loc Arbor

- 1/2" Arbor
- 5/8" Tapered ID x 6" L

### Description

Spindle for Cone Loc Wheel w/Threaded Inside, Right  
Spindle for Cone Loc Wheel w/Threaded Inside, Left

### Model #

SCR-540  
SCL-542



## F. MK Spindle

- Tapered ID x 3 1/2" L

### Description

MK Spindle, Right

### Model #

MKS-990



# AIRBE MAGNETIC TUMBLERS

**Exclusive Features:**

- Exclusive magnetic head design incorporates 50% more magnets than all other comparable units, giving the **ARBE** line of magnetic tumblers the most vigorous cleaning action.
- Designed and manufactured to withstand the harsh environment of jewelry manufacturing, incorporating today's latest component technologies.
- Supplied complete with an acrylic bowl and stainless steel pins.



**Auto-Reverse Deluxe Magnetic Tumbler**

- **Ring Capacity:** 300 Rings
- **Acrylic Bowl Size:** 11" Dia x 6" H
- **Timer:** 0-120 Min. Mechanical Countdown
- **Motor:** 1/2 HP. Auto-Reverse with Variable Speed

**Shipping Weight:** 98 lbs.  
**Dimensions:** 14" W x 14" D x 14" H

Description	Model #
Auto-Reverse Deluxe Magnetic Tumbler 110v/60Hz/1Ph	MGT-103
11" Dia. x 6" H Acrylic Bowl	MGT-103.001
1/2 Lb. Stainless Steel Shot For Magnetic Tumbler .5 mm x5.mm	SS-103

\* Bowl and stainless steel pins are supplied with each unit.



**Variable Speed Medium Magnetic Tumbler**

- **Ring Capacity:** 100 Rings
- **Acrylic Bowl Size:** 8.5" Dia x 5" H
- **Timer:** 0-120 Min. Mechanical Countdown
- **Motor:** 1/2 HP. with Variable Speed

**Shipping Weight:** 70 lbs.  
**Dimensions:** 14" W x 14" D x 14" H

Description	Model #
Variable Speed Medium Magnetic Tumbler 110v/60Hz/1Ph	MGT-101
8.5" Dia. x 5" H Acrylic Bowl	MGT-101.002

\* Bowl and stainless steel pins are supplied with each unit.

## Mini Magnetic Tumbler

- **Ring Capacity:** 30-40 Rings
- **Acrylic Bowl Size:** 6 1/2" Dia. x 4" H
- **Timer:** 0-120 Minute Mechanical Countdown
- **Motor:** 1/4 HP. Single Speed

**Shipping Weight:** 25 lbs.

**Dimensions:** 7" W x 7" D x 10" H

Description	Model #
Mini Magnetic Tumbler 110v/60Hz/1Ph	MGT-095
6 1/2" Dia. x 4" H Acrylic Bowl	MGT-095.001
Set of 2 Carbon Brush Only f/ Mini Magnetic Tumbler	MGT-095.003
Mini Magnetic Tumbler 220v/50/60Hz/1Ph	MGT-095.002

*\*Bowl and Stainless Steel Pins are supplied with each unit.*



## Single Speed Medium Magnetic Tumbler

- **Ring Capacity:** 100 Rings
- **Acrylic Bowl Size:** 8 1/2" Dia. x 5" H
- **Timer:** 0-120 Minute Mechanical Countdown
- **Motor:** 1/2 HP. Single Speed

**Shipping Weight:** 64 lbs.

**Dimensions:** 11" W x 11" D x 14" H

Description	Model #
Single Speed Medium Magnetic Tumbler 110v/60Hz/1Ph	MGT-101.004
8 1/2" Dia. x 5" H Acrylic Bowl	MGT-101.002

*\*Bowl and Stainless Steel Pins are supplied with each unit.*



## Single Speed Deluxe Magnetic Tumbler

- **Ring Capacity:** 300 Rings
- **Acrylic Bowl Size:** 11" Dia. x 6" H
- **Timer:** 0-120 Minute Mechanical Countdown
- **Motor:** 1/2 HP. Single Speed

**Shipping Weight:** 85 lbs.

**Dimensions:** 14" W x 14" D x 14" H

Description	Model #
Single Speed Deluxe Magnetic Tumbler 110v/60Hz/1Ph	MGT-103.002
11" Dia. x 6" H Acrylic Bowl	MGT-103.001

*\*Bowl and Stainless Steel Pins are supplied with each unit.*



# AIRBE LAPPING MACHINES

**Exclusive Features:**

- Designed to operate at a 45° angle for maximum visibility with a 12" x 12" base.
- Includes a 3" air inlet to attach to a dust collector.



**Lapping Machine**

- HP: 1/2
- RPM: 3450

**Shipping Weight:** 47 lbs.  
**Dimensions:** 15" W x 14" D x 18" H

Description	Model #
Split Lap Machine 110V/60Hz/1Ph	SL-400
Split Lap Machine 220v/60Hz/1Ph	SL-400.001
Split Lap Machine 220v/50Hz/1Ph	SL-400.006



**Lapping Machine with Super Flow Totally Enclosed Hood**

We've taken our popular jewelers lapping machine and installed our super flow totally enclosed polishing hood... making it the cleanest and safest lapping machine in the jewelry industry.

- HP: 1/2
- RPM: 3450

**Shipping Weight:** 47 lbs.  
**Dimensions:** 16" W x 14" D x 18" H

Description	Model #
Split Lap Machine w/Enclosed Hood 110V/60Hz/1Ph	SL-400.011
Split Lap Machine w/Enclosed Hood 220V/60Hz/1Ph	SL-400.012
Split Lap Machine w/Enclosed Hood 220V/50Hz/1Ph	SL-400.013

# AIRBE LAPPING MACHINES WITH TABLE

All the great features of our lapping machines... mounted on a table.

## Exclusive Features:

- Designed to operate at a 45° angle for maximum visibility with a 12" x 12" base.
- Includes a 3" air inlet fixture to attach to a dust collector.

## Lapping Machine with Table

- HP: 1/2
- RPM: 3450

**Shipping Weight:** 147 lbs.

**Dimensions:** 24" W x 24" D x 38" H

### Description

Split Lap Machine w/Table 110V/60Hz/1Ph

Split Lap Machine w/Table 220v/60Hz/1Ph

Split Lap Machine w/Table 220v/50Hz/1Ph

### Model #

SL-401

SL-401.001

SL-401.002



## Lapping Machine with Super Flow Totally Enclosed Hood with Table

We've taken our popular jewelers lapping machine and installed our super flow totally enclosed polishing hood... making it the cleanest and safest lapping machine in the jewelry industry.

- HP: 1/2
- RPM: 3450

**Shipping Weight:** 147 lbs.

**Dimensions:** 24" W x 24" D x 38" H

### Description

Split Lap Machine w/Super Flow Totally

Enclosed Hood w/Table 110V/60Hz/1Ph

Split Lap Machine w/Super Flow Totally

Enclosed Hood w/Table 220V/60Hz/1Ph

Split Lap Machine w/Super Flow Totally

Enclosed Hood w/Table 220V/50Hz/1Ph

### Model #

SL-401.005

SL-401.006

SL-401.007





## Pro-Flex Economy Flexible Shaft System

Don't let the word "Economy" in the description of our Jewelers Flex Shaft Motor fool you. We use the same inner spring and outer sheath found in units that are double the price. You'll love the performance of our Flex Shaft Motor, at an entry level price.

Use it for polishing, grinding, cutting, texturing, drilling, carving, wax work, stone setting and more!

- **Motor HP:** 1/8
- **RPM:** 0-18000

**Shipping Weight:** 18 lbs.

Description	Model #
Pro-Flex Flexible Shaft System 110V/60Hz/1Ph	PFM-2
Pro-Flex Flexible Shaft System 220v/50/60Hz/1Ph	PFM-2.001



## Jewelers Micro Motor

- Digital RPM Display
- Forward-Reverse Rotation
- Speed Controlled by Knob on Control Box or Variable Foot Pedal
- Handpiece has 3/32" collect
- Twist Lock
- Supplied with extra set of carbon brushes and diamond tipped grinding set

- **Input:** 110 volts/120 watt
- **Output:** DC 30 volts
- **RPM:** 0-35,000
- **Maximum Torque:** 7.0 Ncm

**Shipping Weight:** 18 lbs.

Description	Model #
Micro Motor Set 110V/60Hz/1Ph	JMM-401

## Double Flex Shaft Motor Hanger

- Heavy duty all steel construction
- Adjustable Height

### Description

Double Flex Shaft Motor Hanger

### Model #

MH-550



## Inner Shaft/Outer Sheath for Flex Shaft

- Smooth running and vibration-free
- Compatible with many popular models

### Description

Inner Shaft

Outer Sheath

### Model #

PFM-04.004

PFM-04.005



## Carbon Brush for Flex Shaft Motor

### Description

Carbon Brush Size: 0.230" x 0.230" x 0.650"

Carbon Brush Size: 0.362" x 0.656" x 0.244"

### Model #

PFM-04.003

PFM-04.019



## Jewelers Hand Piece with Chuck Key

- Excellent quality hand piece for general daily use
- Adjustable key-type 3-jaw #0 chuck fits shanks from 0" to 5/32" (0-4 mm).
- Grease sealed ball bearings require no lubrication

### Description

Jewelers Hand Piece w/Chuck Key

### Model #

PFM-04.001



## Quick-Change Hand Piece

An excellent hand piece for delicate and precise work such as prong-setting. Allows the user to easily change their bur by swinging the lever to release, then swinging the lever to secure. Made of high quality aluminum and precision machined for comfort. Collet holds a 3/32" shank.

### Description

Quick Change Hand Piece

### Model #

PFM-04.020



**LED Task Lamp**

Introducing the industry's most innovative and powerful LED Task Lamp!

We've worked hard in developing our sophisticated LED lighting solution designed to provide premium performance for a number of task lighting applications. With exceptional lighting quality and ergonomic handling, it is the ideal task lamp for manufacturing, or quality control procedures, as well as laboratory, electronic or metal working environments.

Better directional lighting, produces less glare and allows for precise illumination with no wasted light.

- Dimmable
- Fully articulating arm
- 6000-6500k, perfect for the jewelry industry
- 110v-230v



**Description**

Jewelers LED Task Lamp

**Model #**

JFL-155LEB

**Under Cabinet LED Task Lamp**

Ultra bright, super versatile LED Task Lamp!

The under cabinet lamp uses the same advanced LED lighting technology found in our popular larger LED task lamp. The lamp is designed and manufactured to provide a high quality and maintenance free industrial lighting solution.

Each under cabinet LED task lamp is provided with 3 mounting brackets. These mounting brackets provide many versatile mounting options. You can mount fixed, use the angle mounts to direct the light to a desired position or use the magnetic mounts.

- **Dimensions:** 2"L x 11 3/4"W x 2"H (includes knob)
- 110v-220 50/60Hz



**Description**

Under Cabinet Task Lamp

**Model #**

JPS-08D

### Exclusive Features:

- Fully positional articulating arm.
- Dual mounting configuration standard.
- Electronic ballast means no humming.
- Reduces eyestrain, headaches and tiredness by providing glare free brilliant lighting.
- Simply designed to be the best task lamp for bench jewelers and diamond setters.
- 55 watt bulb rated @ 6500k

## 55 Watt Silver Jewelers Task Lamp

### Description

55 Watt Silver Jewelers Task Lamp

55 Watt Replacement Bulb

### Model #

JF-155LEB

JF-155LEB.001

## 55 Watt Black Jewelers Task Lamp

### Description

55 Watt Black Jewelers Task Lamp

55 Watt Replacement Bulb

### Model #

JF-155LEB/B

JF-155LEB.001

## 55 Watt White Jewelers Task Lamp

### Description

55 Watt White Jewelers Task Lamp

55 Watt Replacement Bulb

### Model #

JF-155LEB/W

JF-155LEB.001





## LED Jewelers Magnifier Task Lamp

We have updated our popular magnifying task lamp to incorporate the same premium high quality LED technology. The ARBE Jewelers Magnifier Task Lamp now gives you better directional lighting, produces less glare, and allows for precise illumination with no wasted light.

- Dimmable
- Fully articulating arm
- 5" glass - 3 diopter lens
- 110v-230v

### Description

LED Magnifier Jewelers Task Lamp

### Model #

JF-30LEB



## Weighted Jewelers Lamp Base

The ARBE Jewelers Lamp Base converts any of our task lamps to a desk lamp. Easily mount any of our task lamps to this weighted base.

### Description

Weighted Task Lamp Base

### Model #

JF-155LEB.011

# AIRBE PRO-PLATERS

**Exclusive Features:**

- Industrial grade, heavy duty output transformers
- Oversized heat sinks and built in cooling fan prevent overheating
- Output current is 99% filtered to ensure maximum and repeatable results
- High quality insulated lead and clamp set
- Adjustable voltage from 0-13 volts



**25 Amp Plating Machine**

- 0-25 Amp output, continuous duty
- 0-13 Volt DC output

**Shipping Weight:** 23 lbs.

**Dimensions:** 9 1/2" W x 7 3/4" D x 6" H

Description	Model #
25 Amp Rectifier 110v/60Hz/1Ph w/Leads	DPS-2512M
25 Amp Rectifier 220v/50/60Hz/1Ph w/Leads	DPS-2512M.002
Set of Black and Red Leads	DPS-2512M.001



**60 Amp Plating Machine**

- 0-50 Amp output, continuous duty
- 0-13 Volt DC output

**Shipping Weight:** 35 lbs.

**Dimensions:** 10" W x 9 1/4" D x 6" H

Description	Model #
60 Amp Rectifier 110v/60Hz/1Ph w/Leads	DPS-5012M
Set of Black and Red Leads	DPS-5012M.001

# AIRBE OIL-FREE AIR COMPRESSORS

ARBE machine is proud to introduce its new line of Ultra Quiet & Oil-Free Air Compressors. These compressors have been engineered and built with the latest technology to provide high quality clean air for the jewelry, dental and medical markets. The Oil-Free Dual Piston Pump System allows the air compressor to work more efficiently creating less noise and less wear for a longer pump life.



## 6 Gallon Oil-Less Air Compressor (52 DBA)

- 6 gallon capacity
- 600 watts
- Oil-less operation, maintenance free!!
- **Airflow:** 118 liters per minute
- **Maximum pressure:** 8 bar

**Shipping Weight:** 115 lbs.  
**Dimensions:** 16" W x 16" D x 21" H

Description	Model #
6 Gallon Oil-Less Air Compressor 52dba/110V/60Hz	SAC-014



## Silent Oil-Free Air Compressor (42 DBA)

- 6 gallon capacity
- 600 watts
- Oil-less operation, maintenance free!!
- **Airflow:** 118 liters per minute
- **Maximum pressure:** 8 bar

**Shipping Weight:** 115 lbs.  
**Dimensions:** 20" W x 20" D x 25" H

Description	Model #
Silent Oil-Free Air Compressor 42dba/110V/60Hz	SAC-018

## Ductless Fume Extractor

The **ARBE** Ductless Fume Extractor is designed to be a cost effective solution to extract and remove various hazardous fumes from environments that don't have access to external venting. Our ductless fume extractor immediately improves your indoor air quality by removing and absorbing dangerous fumes from your room.

Choose from 3 various filter packs according to your specific application: plating and soldering, burnout, or investment mixing for casting.

- Easily mounts to any wall
- 600 CFM suction blower

**Shipping Weight:** 60 lbs.

**Dimensions:** 18 7/8" W x 14 1/8" D x 24 1/2" H

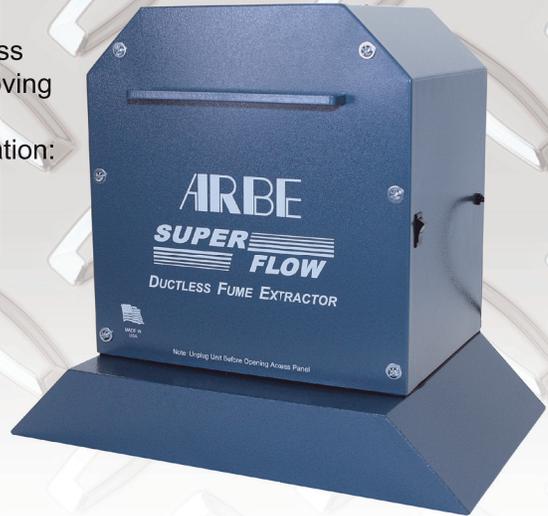
**Apron Section Dimensions:** 27 1/4" W x 17 1/4" D x 4 1/2" H

### Description

Ductless Fume Extractor 110V/60Hz/1Ph

### Model #

DFE-010



## Optional Stand for Ductless Fume Extractor

Secure the fume extractor onto this optional stand in cases where you cannot mount it onto a wall.

**Shipping Weight:** 60 lbs.

**Dimensions:** 27 1/2" W x 17 1/2" D x 23" H

### Description

Optional Stand for Ductless Fume Extractor

### Model #

DFE-010.001

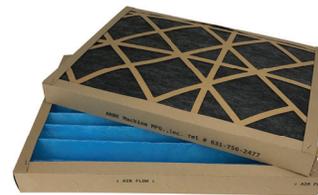
*\*Shown with fume extractor*



## Plating Filter Pack - DFE-010.002

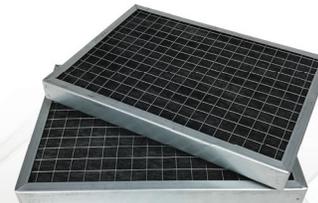
Install this set to filter fumes from plating, soldering or other tasks that can create toxic or unpleasant fumes.

- The first stage woven fiber filter layer traps large particulates.
- The second stage charcoal filter absorbs fumes and eliminates odors



## Burn Out Filter Pack - DFE-010.004

Install this set for burnout work. This filter absorbs exhaust fumes and eliminates offensive burnout odors. With this filter set, you can accomplish wax burnout without the need for external ducts and venting systems.



## Investment Filter Pack - DFE-010.003

Install this filter set when working with investment. The first stage bottom woven fiber filter traps large particulates. The second stage HEPA filter traps dangerous silica and investment particles as small as 0.3 micron. Great for using above your investment mixing table.





**Steam Dewaxer**

- **Flask Capacity:** 8 pcs. (4" x 8 1/2" Perforated Flask)
- Fabricated out of 304 stainless steel
- **Timer:** 0-60 Min. mechanical countdown
- 1800 Watt heating element

**Dimensions:** 15" W x 23" D x 18" H

Description	Model #
Medium Size Steam Dewaxer 110v/60Hz/1Ph	ST-8
Medium Size Steam Dewaxer 220v/50/60Hz/1Ph	ST-8.001
Replacement Heating Element 110v/60Hz/1Ph	ST-8.002



**Dual Scale Stainless Steel Thermometer**

- Supplied with clip
- 50°-400° F. / 0°-220° C.

**Shipping Weight:** 1 lb.

Description	Model #
50°-400° F. / 0°-220° C. Thermometer w/8" Stem	WI-2013.018



**Ultra Flexible 3" Dust Collector Hose**

- Specially designed interior maximizes air flow

Description	Model #
3" Dust Collector Hose	DH-304
3" Heavy Duty Dust Collector Hose	DH-308



**Hose Clamps**

Description	Model #
3" Hose Clamp	HC-308
1/4" Hose Clamp	HC-306

# SUPER FINISH

## JEWELRY TOOLS

Arbe Machine Mfg. Inc. is proud to introduce its new line of magnetic tumblers and Ultrasonic jewelry cleaners. Each unit is designed and built to our high standards of manufacturing and is backed by our 1 year warranty.



- **Model #:** KMT-15
- **Machine Size:** 6.5" L x 8" W x 8" H
- **Bowl Size:** 4" Dia. x 3.5" H
- **Timer:** 0-60 Min.
- **Capacity:** 8 Rings - 65 Grams (pins)
- **Speed:** Single Speed (3450 RPM)



- **Model #:** KMT-15/V
- **Machine Size:** 6.5" L x 8" W x 8" H
- **Bowl Size:** 4" Dia. x 3.5" H
- **Timer:** 0-60 Min.
- **Capacity:** 8 Rings - 65 Grams (pins)
- **Speed:** 0-3450 RPM Variable Speed



- **Model #:** KUC-2Q
- **Machine Size:** 7" L x 7" W x 10" H
- **Bowl Size:** 6" L x 5.5" W x 4"D
- **Transducer:** 50W/37KHZ (Langevin Type)
- **Timer:** 0-30 Min.
- **Heater:** Auto On/Off 65 Deg. C
- **Capacity:** 2Qt / 1.8 Liter / .5 Gallon



- **Model #:** KUC-3Q
- **Machine Size:** 7" L x 10" W x 10" H
- **Bowl Size:** 9.5" L x 5.5" W x 4"D
- **Transducer:** 100W/37KHZ (Langevin Type)
- **Timer:** 0-30 Min.
- **Heater:** 0 - 90 C. Adjustable
- **Capacity:** 3.5Qt / 3.3 Liter / .75 Gallon