



Professional Painters Equipment

Accessories for superior spray finishing.

*Pumps • Finishing Systems • Guns • Respirators • Tanks
Cups • Extractors • Mixers • Regulators • Gauges • Liners*



Binks: Over 100 Years of Leadership and Innovation

Professional painters need reliable products to efficiently provide the best finish possible. Since 1890 when it introduced the first cold water paint spraying machine, Binks has provided the world with superior spray finishing technology. Today, Binks continues that tradition by providing painting contractors with the products, service, and knowledge they need to get the job done.



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Our team of experts – engineers, designers, technicians, and customer service professionals – are constantly working to bring you the quality, efficiency, performance, and value you expect from one of the world's most recognized spray finishing brands.



To better serve your needs, Binks has taken the guesswork out of finding the right spray finishing equipment and identified the spray guns, pumps, tanks, hose, and accessories from our product line best suited to the demands of professional painters.

Binks products are backed by a company with over 100 years experience in the spray finishing market. In addition to its North American operations, Binks operates foreign subsidiary companies in the United Kingdom, Continental Europe, Japan, and Australia.



If you would like more information about our products, please contact us at our contractor spray equipment sales office in Norcross, Georgia.

Phone # 877-865-8635

Spray Guns

Types of Guns

Air Atomizing

Binks air atomizing spray guns are recommended when finish quality is of the utmost importance. Choose from a wide selection, including: light duty (for occasional maintenance and touch-up jobs), standard production (for conventional coatings), heavy duty (for spraying a wide range of coatings), and automatic (for road marking operations).

Airless

Airless spraying does not directly use compressed air to atomize the coating material. A pump delivers paint to the spray gun under high hydraulic pressure (500 to 4500 PSI) to atomize the fluid. The fluid is then released through an orifice in the spray nozzle. This process

increases transfer efficiency and production speed with less overspray than conventional air atomized spray. In some cases, however, fine finishes cannot be achieved. It is the fastest means of applying a coating.

Material Delivery Methods

Pressure Feed systems are the perfect solution for various finishing applications: when you need to deliver large amounts of material to the finish area, when fast application is required; and when the material is too heavy to be siphoned from a container. Designed to handle volumes of material up to 40 oz. per minute, pressure feed fluid flow is dependent on the air or pump pressure.

Suction Feed systems siphon material from a cup attached to the gun. Designed to handle up to 14 ounces of material per minute, suction feed guns are ideal for applications that involve frequent color

changes and finishing jobs that require only small amounts of material.

Gravity Feed spray guns feature an attached cup on top of the gun. Material fluid flow is created by gravity, which allows the operator to make fine adjustments between the atomizing pressure and fluid flow, and utilize virtually all material in the cup.

Atomizing Methods

External Mix guns mix and atomize the air and fluid outside the air cap. A method for applying virtually any type of material, external mix atomization is perfect for high-quality finishing and fast-drying materials such as lacquer.

Internal Mix guns mix the air and material inside the air cap. This makes this type of spray gun well-suited for low-pressure, low-air-volume applications involving slow-drying finishing materials.

Standard Fluid and Air Nozzle

Consider the following points when selecting an air nozzle combination:

A. Material to Be Sprayed

Select the type of fluid you want to spray or fluid which has the same characteristics as one of those listed on page 17.

B. Method of Feeding

(Material to the Spray Gun)

Consider the speed of application, flow rate and the viscosity of the fluid to be sprayed.

—**Air Nozzle:** Choice is determined by the type of fluid to be sprayed and the volume of the air available for the spray gun.

—**External Mix Nozzles:** The most widely used nozzles. Atomization is accomplished outside the nozzle, spray patterns are adjustable from round to fan with all intermediate patterns.

—**Siphon Type External Mix Nozzles (Designated with the letter “S”)**

Siphon material from a cup. Used generally for refinishing and touch-up work which do not require large quantities of paint.

—**Pressure Type External Mix Nozzles (Designated with the letter “P”)**

Require pressure to feed the material to the nozzle. A pressure cup, pressure tank, and pump is necessary. Used for production work and where large quantities of fluid are handled. This type of nozzle has a greater range of fluid flow and does not limit the size of the paint container.

C. Volume of Air

(CFM required)

The cubic feet per minute (CFM) is the actual air used by the air nozzle. An

increase of pressure subsequently increases volume of air required by the air nozzle or vice versa. Assume that a compressor will produce 3 - 5 CFM per horsepower. Note: The greater the air consumption, the faster the fluid may be applied or the finer a given amount of fluid can be atomized.

Fluid Nozzles:

(1) Choose the fluid nozzle by determining the application speed you want and the approximate fluid viscosity. The faster the speed or the heavier the fluid, the larger the nozzle orifice size should be.

(2) Match the fluid nozzle to the desired air nozzles on pages 17 and 18.

(3) Select the material of consideration. **Note:** standard fluid nozzles are made of stainless steel.

Professional Pump

Gemini Diaphragm Pump

Superior system for spraying coatings requiring low pressure but fast application. In addition, matching a Gemini pump with Binks HVLP or conventional spray guns can increase production speed and maintain a fine finish system. Ideal for corrosion control and industrial maintenance contractors. (Pumps alone require a minimum of 4 cfm.) These are 1:1 ratio pumps.

Technical Specifications

Gemini 1/2" Series Bare Pumps

Model Number: 135-100
135-150
Body Construction: SS Filled Acetal
Ground Wire: 135-74
Free GPM: 135-100 (7 GPM)
135-150 (13 GPM)
Principal Use: Multi Gun Supply or Fluid Transfer
Part Sheet: 135-100 – 2498
135-150 – 2561



Gemini 1/2" Series Pump Spray Units

UNIT NO.	PUMP NO.	SIZE GAL.	COVER NUMBER	CONTAINER NUMBER	AIR CONTROL	AGITATOR NUMBER	SIPHON NUMBER	FLUID OUTLET NUMBER	PART SHEET REFERENCE
135-101	135-100	5	135-53	41-662	135-106	41-3306	135-54	135-108	2577
135-151	135-100	5	PORTABLE STAINLESS STEEL		135-110	—	—	135-145	2582



Professional Finishing Systems

HVLP Conversion Outfits (converts from HVLP to conventional airspray to electrostatic . . . all with simple optional accessories)



Model 98-1261

Cart mounted HVLP outfit. This versatile, professional outfit operates with a 2 h.p. professional quality compressor and can tackle any size project. No turbine or large "vacuum" hose to reduce volume output. Ease of set-up, standard compressor and Binks professional quality Mach 1 gun and pressure tank assure a professional finish.

Outfit Consists Of:

- 94-90P Mach 1 Gun
- 135-1058 2 h.p. Oilless Air Compressor
- 83C-220 2.8 Gallon ASME PT Tank
- 71-1201 25' Air Hose Assembly (Compressor to Tank)
- 71-1205 25' Air Hose Assembly (Tank to Gun)
- 71-3383 25' Fluid Hose Assembly (Tank to Gun)

With the optional 2001 gun with 66SS-R8 nozzle, this unit is ready to spray multicolor coatings.

ALSO AVAILABLE

Model 98-1262

A complete HVLP outfit similar to 98-1123, except with new, 2 h.p. compressor

- 94-90P Mach 1 Gun
- 80-350 2 quart SG-2 Pressure Cup
- 71-1101 5' Air Hose Assembly (Gun to Cup)
- 71-3380 5' Fluid Hose Assembly (Gun to Cup)
- 71-1205 25' Air Hose Assembly (Compressor to Cup)
- 135-1058 2 h.p. Compressor



Model 98-1125

Similar in design to the 98-1261, this stroller-mounted unit uses a 1-1/2 h.p. oil type compressor. Ideal for large projects that may require frequent filling of smaller paint reservoirs.

Not available after December 31, 2000

Outfit Consists Of:

- 94-90P Mach 1 Gun
- 135-1025 1-1/2 h.p. Oil Type Compressor
- 83C-220 2.8 Gallon Non-ASME Tank
- 71-1201 5' Air Hose Assembly (Compressor to Tank)
- 71-1205 25' Air Hose Assembly (Tank to Gun)
- 71-3383 25' Fluid Hose Assembly (Tank to Gun)

Model 98-1120

HVLP touch up gun. Ideal for contractors busy refinishing and touching up shutters, cabinets, doors and small machinery. HVLP allows for low over spray, less masking.



Outfit Consists Of:

- 94-90P Mach 1 Gun
- 80-272 1 Quart Pressure Assisted Stainless Steel Cup



Model 98-1123

A complete HVLP outfit for medium to large projects. A 2 quart cup allows for less down time when painting doors and cabinets in new construction. Easy to move from site to site.

Not available after December 31, 2000

Outfit Consists Of:

- 94-90P Mach 1 Gun
- 80-350 2 Quart SG-2 Pressure Cup
- 71-1101 5' Air Hose Assembly (Gun to Cup)
- 71-3380 5' Fluid Hose Assembly (Gun to Cup)
- 71-1205 25' Air Hose Assembly (Compressor to Cup)
- 135-1025 1-1/2 h.p. Compressor
- 73-134 Air Reg. w/Gauge

Model 98-1121

HVLP touch up outfit. Same as 98-1120, but includes hose and regulator. Ideal for contractors with their own compressor.



Outfit Consists Of:

- 98-1120 Mach 1 Gun
- 71-1205 25' Air Hose Assembly (hose not shown)
- 73-134 Air Regulator with Gauge

Note: All BINKS HVLP conversion outfits require a minimum of 1-1/2 h.p. compressor.

HVLP Conversion Accessories

HVLP Conversion Outfits (converts from HVLP to conventional airspray to electrostatic . . . all with simple optional accessories)

Mix or match the following components to provide all the equipment contractors need. For maximum performance, please consult your Distributor or Binks Specialist when replacing or designing any HVLP outfit.

Model 135-1058

2 h.p. Compressor



Model 135-1025

1-1/2 h.p. Compressor



Model 80-272

1 Quart SS Pressure Assist Cup Assembly



Model 73-134

Regulator



2.8-Gallon Non-ASME Tanks

Model 83C-220

Durable, economic tanks that can handle up to 80 PSIG. Made of heavy-gauge steel, coated on the inside and outside with zinc plating and chromate dip. Santoprene gaskets.



Pressure Tank	Regulators
Model No. 83C-220	(Quantity) 2
Agitator Drive None	Shipping
	Wt. (lbs.) 30

Pressure Tank Liners

Save clean-up time and solvent costs with these disposable polyethylene liners. Use liners with all systems.



PT-78-K80

Carton of 80 Liners

PT-78-K10

Carton of 80 Liners

for 2.8 Gallon ASME PT Tanks.

Model 86-605

Oil and Water Extractor



Model 80-350

Ideal for small batch production spraying. (2 qt. capacity)



Model 80-356

SG2 Cup Liners

Includes 12 plastic liners for easy clean-up.



Air Nozzle Test Gauge



Part Number	Description
54-3622	92HA & 93HA Nozzle (Mach 3SL)
54-3774	95HA MACH 2SL & 3SL
54-3902	91P & 92P Nozzles
54-3935	95 & 97 Series
54-4078	95AS & 97AS Nozzles (Siphon)
54-4150	2S, 2P Cub Gun
54-4345	90P Nozzle
54-4356	93P Nozzle
54-4066	94P Nozzle

Low Pressure Air and Fluid Hose

AIR HOSE

SIZE	BULK HOSE NO.	5 FT.	25 FT.	CONNECTOR	
1/4"	71-130	71-1101	71-1105	72-1303 – 1/4" NPS (F)	Working Pressure – 250 psi Burst Pressure – 1000 psi
5/16"	71-131	71-1201	71-1205	72-1317 – 1/4" NPS (F)	
3/8"	71-132	-	71-1355	72-1325 – 1/4" NPS (F)	

FLUID HOSE

SIZE	BULK HOSE NO.	5 FT.	25 FT.	CONNECTOR	MAX. W.P.	BURST PRESSURE
1/4"	71-280	71-3380	71-3383	72-1306 – 3/8" NPS (F)	500 PSI	2000 PSI
3/8"	71-282	-	71-3303	72-1328 – 3/8" NPS (F)	500 PSI	2000 PSI
1/2"	71-283	-	71-3403	72-1334 – 1/2" NPS (F)	750 PSI	3000 PSI

MACH 1 HVLP Spray Gun

The MACH 1 HVLP is a full size air spray gun with special nozzles and modifications that allow it to operate at high transfer efficiencies, in compliance with “Best Available Coatings Technology” legislation. Constructed of drop-forged aluminum with stainless steel fluid passages, the spray gun is designed to stand up under hard, continuous use. The MACH 1 is ideal for areas that require low over spray and a fine finish. Built tough enough for corrosion control, industrial maintenance and residential painting, it operates like a conventional spray system, utilizing standard compressed air.

Technical Specifications

Body:	Drop-Forged Anodized Aluminum
Weight:	20.1 Ounces
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/8" NPS (M)
Fluid Passage:	Stainless Steel
Feed Type:	Pressure / Siphon Feed
Part Sheet:	2463
Gun Repair Kit:	54-3605

Available Nozzle Set Ups

Fluid Nozzle – Air Nozzle	Needles	Minimum Required CFM
94-90P	54-3941	6
94-93P	54-3941	10
94-97AP	54-3941	22.5

(Minimum CFM based on 10 psi atomizing pressure)

Note: Refer to page 17 for nozzle set-up recommendations.



Test Gauge Assemblies

54-3935 for 95 & 97 Series
54-4345 for 90P Air Nozzle
54-4356 for 93P Air Nozzle

M1G Gravity Feed HVLP Spray Gun

The M1G gravity feed HVLP spray gun not only complies with all air quality regulations, but also atomizes and sprays as quickly as conventional air spray. Designed for small jobs, shutters, doors and cabinets, its gravity feed cup allows the painter to use only the paint necessary for the job. The comfortable, lightweight, superbly balanced spray gun is easy to operate and smooth to trigger with only 18 psi of inlet pressure required. Cup and nozzle are available in standard aluminum or EZ-Clean solvent saver coatings.

Available Nozzle Set Ups

Fluid Nozzle – Air Nozzle	Needles	Minimum Required CFM
94-90P	54-4382	6
94-93P	54-4382	10

(Minimum CFM based on 10 psi atomizing pressure)

Note: Refer to page 17 for nozzle set-up recommendations.

Test Gauge Assemblies

54-4345 for 90P Air Nozzle
54-4356 for 93P Air Nozzle



Technical Specifications

Body:	Drop-Forged Anodized Aluminum
Weight:	21.9 Ounces
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	N/A
Fluid Passage:	Stainless Steel
Feed Type:	Gravity
Part Sheet:	2650
Gun Repair Kit:	54-4367

Note: Not all nozzle setups are available directly from Binks. Some combinations are only available from your area distributors.

95SL Spray Gun

Designed as a production gun for heavy-duty usage within the corrosion control, industrial maintenance and general painting industry. The new 95SL features a slimmer design and reduced weight. This ergonomic, lightweight gun possesses greater handling capabilities and ease for increased control with less fatigue. The 95SL has a high-strength aluminum alloy body, stainless steel fluid passages and exceptional atomization.



Technical Specifications

Body:	Drop-Forged Anodized Aluminum
Weight:	20 Ounces
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/8" NPS (M)
Fluid Passages:	Stainless Steel
Feed Type:	Pressure/Siphon Feed
Part Sheet:	2731
Gun Repair Kit:	54-4559

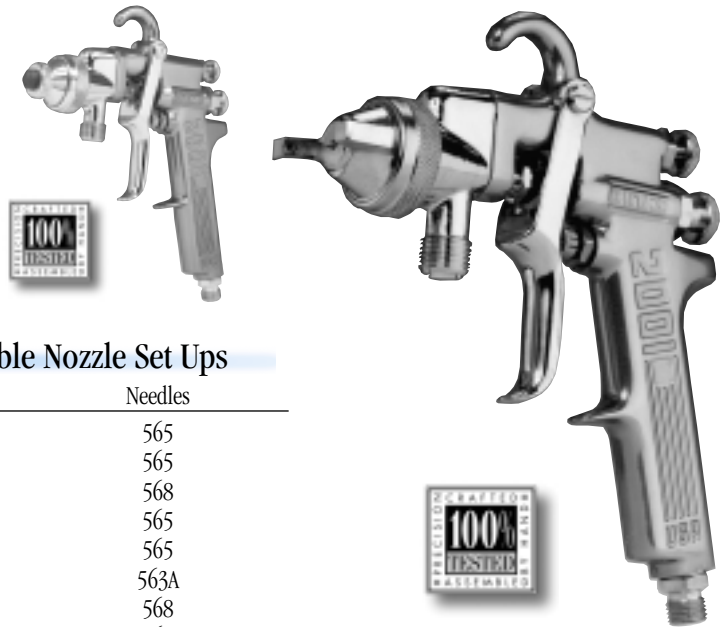
Available Nozzle Set Ups

Needles	
66SS-66SD	865
63BSS-63PB	863A
67SS-67PB	867
66SS-200	865
68SS-201	868
68SS-68PB	868
Standard Fluid Nozzle and Needle are 303 Stainless Steel	

Note: Refer to page 17 for nozzle set-up recommendations.

2001 & 2001SS Spray Guns

The 2001 spray gun is the tool of choice for painters spraying multicolor and line striping coatings. The 2001 has been designed to be compact, lightweight, and well balanced. This, together with a specially designed grip, measurably improves operator control and handling comfort. The versatile 2001 can also be used for enamels, stains, varnishes and any other coating that requires a fine finish.



Technical Specifications

Body:	Drop-Forged Anodized Aluminum
Weight:	24 Ounces
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/8" NPS (M)
Fluid Passage:	Nickel Plated Brass (2001) Stainless Steel (2001SS)
Feed Type:	Pressure/Siphon
Part Sheet:	2316 (2001) 2354 (2001SS)
Gun Repair Kit:	6-229 (2001) 6-233 (2001SS)

Available Nozzle Set Ups

Needles	
66SS-66SD	565
66SS-200	565
68SS-201	568
66SS-R-8	565
66SS-R-3	565
63BSS-63PB	563A
68SS-709SS	568
68SS-68PB	568

Note: Not all nozzle setups are available directly from Binks. Some combinations are only available from your area distributors. Refer to page 17 for nozzle set-up recommendations.

PD Pro Airless Spray Gun

The PD Pro airless spray gun is lightweight, ergonomically designed, and offers hours of effortless operation. The four-finger trigger, stainless steel swivel and finger guard allow comfort as well as control. The PD Pro is complete with a built-in handle filter and tip guard. For maximum versatility, the PD Pro can accommodate other tips. The rugged construction of the PD Pro allows it to stand up under hard, continuous use.



Technical Specifications

Body:	All metal construction
Weight:	20 Ounces
Air Inlet:	N/A
Fluid Inlet:	1/4" NPS (M)
Fluid Passage:	Aluminum
Feed Type:	High Pressure – 3600 psi max. working
Part Sheet:	2733
Gun Repair Kit:	54-4660

Options

54-4667	Gun w/Guard Only, 7/8-14 Thread (G)*
54-4668	Gun w/517 Tip, 7/8-14 Thread (G)*
98-1252	Gun w/517 Tip, 50' x 1/4" Hose (G)*

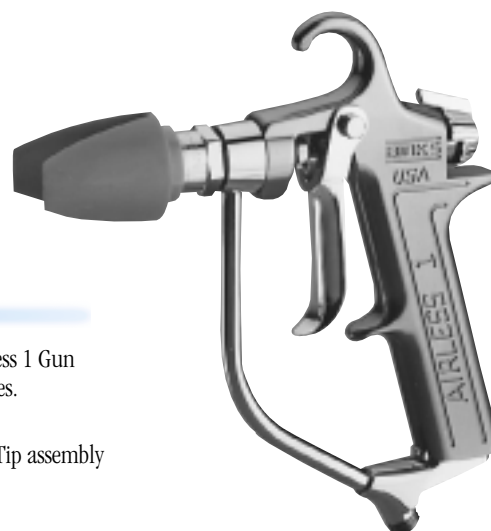
*See chart on page 10 for other base retainers.

Available Tip Selection

See chart on page 10.

Airless 1 Spray Gun

The Airless 1 Spray gun is a heavy-duty professional spray gun. Designed for use on airless pumps spraying architectural, commercial, and industrial coatings. Short, two finger trigger and low pull effort give a natural feel. A thumb operated safety trigger lock permits one hand locking and unlocking. Tip guard included, spray tips ordered separately.



Technical Specifications

Body:	Drop-Forged Anodized Aluminum
Weight:	27 Ounces
Air Inlet:	N/A
Fluid Inlet:	1/4" NPS (M)
Fluid Passage:	Stainless Steel
Feed Type:	High Pressure – 6000 psi max. working
Part Sheet:	2340
Gun Repair Kit:	6-236

Accessories

Enhance the versatility of your Airless 1 Gun with Binks service-proven accessories.

Twist-Tip Nozzle Cleaner

Light-weight, stainless steel, Twist-Tip assembly makes nozzle cleaning easy.

Adjust-a-Fan

Sprays patterns from 4 to 22 inches wide.

Adjust-a-Fan Model No.	Material to be sprayed	Orifice Range (inches)
54-3280	Lacquers and Stains	.007 to .019
54-3285	Latex and Enamels	.011 to .026
54-3290	High Builds	.017 to .035
54-3295	Extremely Heavy	.021 to .054

Nozzle Extensions

Attach to airless guns for access to hard-to-reach areas.

Airless Gun Swivel

72-780 1/4 NPS(m) x 1/4 NPS(f) Swivel Nut.

Available Tip Selection

See chart on page 10.

Airless Twist Tips

State of the art “Twist-Tip” assemblies to fit all brands of airless guns. Binks “Twist-Tip” assemblies can also be used as direct replacements for the most popular brands of airless twist tips on the market. Binks “Twist-Tips” meet all the needs of residential, commercial and industrial painting contractors. High quality tungsten allows for non-distorted spray patterns and high paint volume output before tip replacement is necessary. The chart at right reflects the most common tips for the professional painting industry.

SURFACE	COATING	FAN WIDTH (in inches)	ORIFICE SIZE							
			.009	.011	.013	.015	.017	.019	.021	.023
Wood Interior Cabinets, Paneling	Stain, Sanding Sealer, Lacquer, Varnish, Shellac, Enamels	6"	309	311	313	-	-	-	-	-
		8"	-	-	413	-	-	-	-	-
		10"	-	-	-	-	-	-	-	-
		12"	-	-	-	-	-	-	-	-
Interior Walls Ceilings, Drywall, Plaster	Latex, Vinyl Acrylic	6"	-	-	-	-	-	-	-	-
		8"	-	-	-	415	417	419	-	-
		10"	-	-	-	515	517	519	-	-
		12"	-	-	-	615	617	619	-	-
Overhang	Primers, Enamels	6"	-	-	-	315	-	-	-	-
		8"	-	-	-	415	417	-	-	-
		10"	-	-	-	515	517	-	-	-
		12"	-	-	-	-	-	619	-	-
Masonry Block, Stucco, Concrete	Vinyl, Acrylic, Latex, Oil Base, Alkyds	6"	-	-	-	-	-	-	-	-
		8"	-	-	-	-	417	-	-	-
		10"	-	-	-	-	517	519	521	-
		12"	-	-	-	-	-	-	621	-
Wood Exterior Shingle Siding, Shiplap	Exterior, Stains Latex, Vinyl, Acrylic	6"	-	-	-	-	-	-	-	-
		8"	-	-	-	-	-	-	-	-
		10"	-	-	-	-	517	519	521	-
		12"	-	-	-	-	-	-	621	-
Open Joist Ceiling Areas	MIL White HI Build	6"	-	-	-	-	-	-	-	-
		8"	-	-	-	-	-	-	-	-
		10"	-	-	-	-	-	519	-	-
		12"	-	-	-	-	-	-	521	523

BASE RETAINERS

Assembly Number	454-3 3/4 – 20 (B) Binks	454-5 7/8 – 14 (G) Binks, Graco, Titan, Wagner	454-6 1 1/16 – 16 (F) AMSpray, Spray Tech, Wagner
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Ordering: For twist tips add the prefix 454- to size tip selected. For example, if you select 517, order as 454-517.

Airless Paint Spray Hose

Professional quality high pressure airless paint spray hose. Excellent flexibility and durability. For use with both solvent and water-based coatings.



Technical Specifications

Hose I.D. 1/4"
 Connection thread – 1/4" N.P.S.(F)
 Hose connection – Swivel both ends
 Spring guards – Both ends
 Static conducting
 Polyurethane cover
 Nylon inner tube
 Reinforcement – Braided textile yarn
 Operating temp – (0°F to +200°F)
 Min. bend radius – 2.5 In.
 Working pressure 3,300 P.S.I.
 Burst pressure 13,200 P.S.I.

AIRLESS HOSE

SIZE	50 FT.	CONNECTOR
1/4"	71-3531	72-691 1/4" NPS
SIZE	30" WHIP	CONNECTOR
3/16"	71-8360	Assembly Only 1/4" NPS (F) x 1/4" NPS (M)

Specialty Spray Guns

380F Gun

Binks 380F gun is a light duty internal mix pressure feed gun with attached one quart cup. Using R3F or R8F nozzles, the 380F is a great touch-up gun for multicolor coatings.



380F gun is both a bleeder and non-bleeder gun, and comes complete with external fine finish nozzles. **NOTE: The 380F gun must not exceed 40 psi inlet pressure.**

Available Nozzle Set Ups

	Needles
JA-F – R8F	519972

Technical Specifications

Body:	Aluminum
Weight:	22 Ounces
Air Inlet:	1/4" NPS
Fluid Inlet:	N/A
Fluid Passage:	Aluminum
Feed Type:	Pressure
Part Sheet:	1971
Gun Repair Kit:	6-206

190 Blow Gun

The 190 gun is used for dusting, removing chips and drying. Pistol grip style with 1/16" orifice standard. Air consumption 3-1/2 cfm @ 50 psi.



Technical Specifications

Body:	Die Cast Aluminum
Weight:	N/A
Air Inlet:	1/4" NPT
Fluid Inlet:	N/A
Feed Type:	N/A
Part Sheet:	1108

Line Striping Guns

Model 21

Heavy duty, pneumatically operated gun for spraying all conventional and standard line striping coatings. Adjustable spray pattern control at side of gun head. Gun controlled remotely with three-way valve.



Technical Specifications

Body:	Plated Brass
Weight:	2 lbs. 9 Ounces
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/8" NPS (M)
Fluid Passage:	Plated Brass
Feed Type:	Pressure
Part Sheet:	1143
Gun Repair Kit:	6-191
(Requires 35 psi air pressure to trigger)	

Available Tips

Fluid Nozzles - Air Caps	Fluid Needle
63BSS-63PB	263A
66SS-66SD	265
67SS-67PB	267
68SS-68PB	268
69BSS-713	269CSS

Model 30 Bead Gun

Developed by Binks for laying out glass bead during a line striping operation. Will spread glass at a rate of 20 lbs. per minute. Pneumatically operated from the rear of the gun using a minimum of 50 psi. Use on hand line strippers or moving trucks.



Technical Specifications

Body:	Drop-Forged, Brass Plated
Weight:	6 lbs.
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/4" NPS (M) Glass Bead
Fluid Passage:	Plated Brass (Glass Bead)
Feed Type:	Pressure/Gravity
Part Sheet:	2151
Gun Repair Kit:	N/A

Available Tips

Deflector – Insert	Needle
45-102 – 45-103 (7/32)	47-458
45-102 – 45-104 (1/4)	47-458
45-102 – 45-105 (9/32)	47-458
45-102 – 45-106 (11/32)	47-458

Model 30A

Designed for road marking operations that require high volume deliveries of viscous materials. Use on mobile striping operations requiring speed and accuracy. The 30A is a bleeder type gun. Pneumatically operated using a minimum of 50 psi.



Technical Specifications

Body:	Aluminum
Weight:	6 lbs. 1 Ounce
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/4" NPS (M)
Fluid Passage:	Plated
Feed Type:	Pressure
Part Sheet:	2258
Gun Repair Kit:	6-271

Available Nozzle Set Ups:

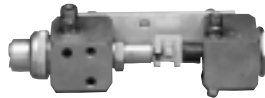
Fluid Nozzle - Air Caps	Fluid Needle
45SS – 191	47-482
46SS – 190	47-482

Specialty Spray Guns — (cont.)

Road Marking Guns

Model 33SS

Heavy-duty high volume gun for use on automatic road striping machines. Can be used at vehicle speeds of 15 to 25 m.p.h. A port for catalyst injection in the atomizing air is included. Pneumatic operated trigger opens at 45 psi.



Available Tips

Fluid Nozzles -	
Air Caps	Fluid Needle
46SS-390	54-3263
46SS-391	54-3263

Technical Specifications

Body:	Plated Brass
Weight:	6 lbs. 1 Ounce
Air Inlet:	3/8" NPS (M)
Fluid Inlet:	1/2" NPS (M)
Fluid Passage:	Stainless Steel
Feed Type:	Pressure
Part Sheet:	1441
Gun Repair Kit:	N/A

Model 550

Pneumatically operated airless gun. May be used as new or replacement equipment on any brand of airless line strippers, either portable or vehicle mounted. The material body may be installed in any of four positions to facilitate hose connection. Requires 40 - 60 psi to actuate trigger. Furnished with a 1/2" diameter mounting hole. Maximum working pressure is 3000 psi.



Available Tips

See chart on page 10.

Technical Specifications

Body:	Forged Aluminum
Weight:	1 lb. 9 Ounces
Air Inlet:	1/4" NPS (M) for Trigger Actuator
Fluid Inlet:	1/4" NPS (M)
Fluid Passage:	Stainless Steel
Feed Type:	High Pressure
Part Sheet:	2120
Gun Repair Kit:	54-3121

Conventional Air Spray Outfits

Zinc rich coatings, epoxies, multicolors and adhesives may sometimes require conventional spray outfits. Binks full line of contractor spray equipment includes two conventional air spray outfits to meet these needs.



Model 98-1067

Binks Steadi-Grip outfit. External mix nozzles for enamels, primers, polyurethane. Includes standard 2001 gun with 63BSS-63PB, 5 ft. of air and fluid hose, air regulator valve and 80-228 pressure cup. Optional nozzles as shown on page 17 with the 2001 may be purchased to spray other materials.



Model 98-359 Multicolor

The industry standard for multicolor coatings production work. Recommended by many leading coatings suppliers. Includes 2001 spray gun 66SS-200, 25 ft. of air and fluid hose, 15 ft. hose from compressor to tank and 83C220 pressure tank. **(Requires minimum of 6 cfm for spray gun only.)** Add the optional 380F touch up spray gun for maximum versatility with multicolor finishes.

Stainless Steel Code Tanks



A Binks Finishing Specialist will help you select the right components or design a complete system for you. For local assistance, call 1-877-865-8635.

Bottom Outlet Conversion Kits

TANK	STAINLESS STEEL	
CAPACITY	PART NO.	SHIP WT.
2.8-GAL	QMS-435	3 LBS.
10.8-GAL	QMS-443	4 LBS.

Binks Stainless Steel Pressure Tanks are suitable for virtually all fluids and solvents. They are ASME Certified and permanently labeled for 110 PSIG maximum working pressure.

Tanks and lids are constructed of heavy gauge 304 stainless steel and are electropolished. All models are equipped with both top and bottom outlets.

Technical Specifications

Maximum Working Pressure:	110 PSI
Fluid Outlet, Top:	3/8" NPS
Fluid Outlet, Bottom:	1" NPT
Air Inlet:	3/8" NPS

Ideal for Waterborne Coatings

Binks Stainless Steel pressure tanks are designed to prevent corrosion-contamination, an inherent problem with waterborne coatings. These tanks are all stainless steel, including fittings, and should be used with a Binks disposable liner for maximum cleanliness. Material handling components, such as fluid regulators, filters and agitators should also be of stainless steel. We recommend you use hose and tubing connections/fittings made of stainless steel, nylon or brass.

AIR REGULATIONS	FLUID AGITATION	SMALL TANK Up to 2.8 Gallons 83S	LARGE TANK Up to 10.8 Gallons 83S
Double Reg	No Agitation	83S-220	83S-520
Double Reg	Std. Agitation	83S-221 (D)*	83S-523 (I)*

Galvanized Code Tanks



A Binks Representative will help you select the right components or design a complete system for you. For local assistance, call 1-877-365-8635.

These tanks are made of galvanized steel and are primarily used with non-corrosive materials. Constructed with a heavy pressed steel lid and forged steel clamps, galvanized tanks have ports for both bottom and top fluid outlets. The bottom outlet is recommended for heavy, viscous materials such as emulsified asphalts, cut-back asphalts, rubber compounds, etc. Converting top to bottom outlet requires a bottom outlet conversion kit.

Other Standard Features

- The air regulator(s) and gauge(s) are shipped inside the tank to prevent damage during shipment.
- Lids are easily removed from tank shell – no special tools required.
- All models are easy to service and clean.

Technical Specifications

Maximum Working Pressure:	110 PSI
Fluid Outlet, Top:	3/8" NPS
Fluid Outlet, Bottom:	1" NPT
Air Inlet:	3/8" NPS

AIR REGULATIONS	FLUID AGITATION	SMALL TANK Up to 2.8 Gallons 83S	LARGE TANK Up to 10.8 Gallons 83S
Double Reg	No Agitation	83G-220	83G-520
Double Reg	Std. Agitation	83G-221 (D)*	83G-523 (I)*

*(D)=Direct Drive Agitator: Uses direct mount Air Mount and air adjusting valve. (I)=Indirect Drive Agitator: Uses Motor coupled to gearbox for higher torque at lower speeds.
(R)=Reciprocating Agitator: Self-Reversing Air Motor for efficient mixing and reducing cavitation.

PT ASME Code Tanks



Zinc Plated (for solvent-based coatings)

Binks new ASME PT Series Tanks are economical pressure tanks. With a 2.8-gallon capacity, all PT Series tanks feature a low profile tank design, which accepts U.S. (and Canadian 4 litre) one-gallon shipping containers.

Technical Specifications

Maximum Working Pressure:	80 PSI
Fluid Outlet:	3/8" NPS
Air Inlet:	1/4" NPS

Stainless Steel and Zinc (for waterborne coatings)

Ideal for waterborne coatings when used with a disposable tank liner. 300 grade stainless steel lid and all wetted parts in lid assembly including: fluid tube, lid brushing, outlet elbow and fitting, and agitator shaft. Zinc plated tank shell.

Technical Specifications

Maximum Working Pressure:	80 PSI
Fluid Outlet:	3/8" NPS
Air Inlet:	1/4" NPS

Zinc Plated Lid & Tank Shell

AIR REGULATION	FLUID AGITATION	2.8 GALLON* 83C
Double Reg	No Agitation	83C-220
Double Reg	Std. Agitation (D)*	83C-221

* (D) = Direct Drive Agitator: Uses direct mount Air Mount and air adjusting valve.

Stainless Steel Lid & Zinc Plated Tank Shell

AIR REGULATION	FLUID AGITATION	2.8 GALLON* 83C
Double Reg	No Agitation	83Z-220
Double Reg	Std. Agitation (D)*	83Z-221

* (D) = Direct Drive Agitator: Uses direct mount Air Mount and air adjusting valve.

Siphon and Pressure Cups

SIPHON CUP

Model 81-350

One quart siphon cup
Part Sheet: 2250



PRESSURE CUPS

Model 80-228

Two quart pressure cup. Weight: 2.9 lbs.
Part Sheet: 1619



Model 80-350

SG-2 (Steady-Grip 2) two quart pressure cup. Part Sheet: 2658



Model 80-351

SG-2 (Steady-Grip 2) two quart pressure agit cup. Part Sheet: 2658



Model 80-356

Quantity pack of 12 disposable cup liners for 80-350 and 80-351.



Oil and Water Extractors

Model 86-605 Oil and Water Extractor



Port Size: 1/2" NPT (F) Inlet,
1/2" NPT (F) Outlet
Flow: 100 SCFM
Max. Pressure: 150 PSIG Inlet
Filtration Rate: 5.0 Micron
Nominal Efficiency: 93%
Part Sheet: 2692

Model 86-620 Single Gun Use



Port Size: 1/2" NPT (F) Inlet,
1/4" NPT (M) Outlet
Flow: 30 SCFM
Max. Pressure: 150 PSIG
Filtration Rate: 5.0 Micron
Nominal Efficiency: 93%
Part Sheet: 2693

Model 86-621 Single Gun and Dusting Gun Use



Port Size: 1/2" NPT (F) Inlet,
1/4" NPT (M) Outlet (2)
Flow: 40 SCFM
Max. Pressure: 150 PSIG
Filtration Rate: 5.0 Micron
Nominal Efficiency: 93%
Part Sheet: 2694

Accessories

Quick Mixers



Model 149-873

Binks Quick-Mixers for container sizes of 1 to 10 gallons. Designed for standard and for extra heavy contractor uses.

All purpose: Unsurpassed for paint, resins, chemicals, and slurries.

High performance: Explosion-proof direct drive air motors: 1/2 h.p. (Size Code 2* - Standard). Implosion-type high shear mixer blades thoroughly mix 5 gallons of paint in less than 60 seconds.

Rugged: Stainless steel shaft and impeller. Specially welded stress points makes mixer virtually unbreakable.

Model No. Complete	149-872 (1/2 h.p.)	149-873 (1/2 h.p.)
Model No. Stainless Steel Mixer only	149-364	149-365
Container size (gallons)	1 and 2	5 and 10
Shaft length x dia. (inches)	15 x 1/4	21 x 1/2
Impeller dia. (in.)	2-5/8	5
Shpg. wt. (lbs.)	6	9

Gauges

Model 83-1290: 150 psi, bottom outlet.
Model 83-2727: 100 psi, bottom outlet.



Air Pressure Regulators

Input capacity 200 psi max. Designed for precision control of air supply to spray painting equipment. Binks air regulators are simple to install and maintain.



Model 85-214
Model 85-215



Model 85-200
Model 85-201

Model 85-214: 30 SCFM, 0 - 100 psi. Inlet 1/4 NPT (F); three regulated outlets, 1/4 NPT (F). Shipping weight 2 lbs. Repair Kit 6-207.

Model 85-215: 30 SCFM, 0 - 100 psi. Inlet 1/4 NPT (F); two regulated outlets, 1/4 NPT (F); one main line outlet, 1/4 NPT (F). Shipping weight 2 lbs. Repair Kit 6-207.

Model 85-200: 40 SCFM, 0 - 150 psi. Inlet 3/8 NPT (F); three regulated outlets, 1/4 NPT (F). Shipping weight 2-1/2 lbs. Repair Kit 85-198.

Model 85-201: 40 SCFM, 0 - 150 psi. Inlet 3/8 NPT (F); two regulated outlets, 1/4 NPT (F); one main line outlet 1/4 NPT (F). Shipping weight 2-1/2 lbs. Repair Kit 85-198.

Pressure Tank Liners

ASME Tank Liners, Binks 2 and 5 Gallon
Pre-formed Semi-rigid, Plastic Disposable Liners. For ASME pressure tanks.

ASME Tank Size (gals.)	Package Model Number	Liners Per Package
2	6-238	72
5	6-239	24

NEW Binks ASME Tank Liners, for 2.8 and 10.8 Gallon Tanks

Custom made of tough, durable, high density polyethylene, with an "anti-stat" additive included to minimize static electricity build-up from the friction of shipping and handling liners. May be used with all materials that are compatible with polyethylene. Available in the following packages:

PT-78-K10	10 liners for 2.8 gal. PT tanks
PT-78-K80	80 liners for 2.8 gal. PT tanks
PTL-408-K20	20 liners for 10.8 gal. PT tanks

Non-ASME Tank Liners

Pre-formed Semi-rigid, Plastic Disposable Liners. For non-ASME 2 gallon pressure tanks (83-5600 series) with top outlets only.

Model 6-228: For 2 gallon non-ASME tanks only. Carton of 96 liners containing 8 (83-2878) packages of 12 liners each.



Model 6-228

Professional Respirators

The Binks Millennium 3000 meets all contractor respirator needs by removing paint particles from the air to provide a safe environment for professional painters and contractors. Binks distributors can provide fit testing and certification.

The Millennium 3000

The Millennium 3000 Respirator, with its standard configuration, protects against organic vapors and oil-bearing particulate and mists. Representing the finest in traditional respirators, it provides the fit, comfort, durability and protection of a conventional half-mask respirator. The Millennium 3000 features the finest quality facepiece for outstanding comfort and durability. This soft and comfortable silicone facepiece stands up to repeated cleanings and exposure to paints and solvents without deterioration.



WARNING!

Millennium paint spray respirators are not to be used with urethane paints or other paints containing di-isocyanates. Di-isocyanates have a low odor threshold, meaning they are not easily detectable by smell. A dangerous level of di-isocyanates can break through the charcoal filter cartridge before the user is able to smell it. Painters using such paints must use an air-supplied respirator.

MILLENNIUM 3000 CLASSIC HALF-MASK RESPIRATORS

- 40-141 Sm. Respirator, Black Yoke.
- 40-128 Med. Respirator, Silver Yoke.
- 40-143 Lg. Respirator, Gold Yoke.
- 40-1921 Organic Cartridges. Qty. 2.
- 40-1924 Pre-Filters, Oil Resistant. (Use with 40-1925 Covers.) Qty. 10.
- 40-1925 Covers, Oil Resistant. (Use with 40-1924 Pre-Filters.) Qty. 2.
- 40-1928 Tune-Up Kit for all 3000 Respirators. Contents: Cradle Headband, R and L Neckstraps, 2 Inhalation Valves, 2 Cartridge Gaskets, Exhalation Valve, Exhalation Valve Cover.

When Should You Replace Cartridges and Filters?

The serviceable life of cartridges and filters depends on several factors including breathing rate/volume, concentration of contaminants, temperature, and humidity.

- Replace chemical cartridges when you detect odor, taste of vapors, or experience eye, nose or throat irritation.
- Replace prefilters or filters when you experience increased resistance to breathing.
- *When in doubt about the serviceable life of cartridges or filters, replace.*

*Millennium 3000
Filter Replacement
Cartridge*



*Millennium 3000
Filter*



Spray Nozzle Selection Guide

HVLP Guns

MACH I – HVLP SPRAY GUN

TYPES OF FLUIDS TO SPRAY	AIR CAP	FLUID NOZZLE	FLUID NEEDLE	CFM REQUIRED @ 30 PSI
Latex*, Lacquers, Varnish, Enamels	90P	94	54-3941	6
Latex*, Varnish, Enamels	93P	94	54-3941	10
Latex*, materials >60 seconds on Zahn 2 cup	95AP	94	54-3941	22.5
General Industrial Coatings, 20-60 seconds on Zahn 2 cup	97AP	94	54-3941	22.5

M1G - HVLP GRAVITY FEED SPRAY GUN

TYPES OF FLUIDS TO SPRAY	AIR CAP	FLUID NOZZLE	FLUID NEEDLE	CFM REQUIRED @ 30 PSI
Latex*, Varnish, Enamels	90P	94	54-4382	6
Latex*, Varnish, Enamels	93P	94	54-4382	10

* Denotes material may require some thinning. Consult your Distributor or Binks Finishing Specialist.

Conventional Guns

95SL - CONVENTIONAL SPRAY GUN

TYPES OF FLUIDS TO SPRAY	AIR CAP	FLUID NOZZLE	FLUID NEEDLE	CFM REQUIRED @ 30 PSI	MAX. PATTERN @ 8"
Enamels, Hammer Tones, Polyurethane	66SD	66SS	865	7.9	10.5
Stains, Lacquers	63PB	63BSS	863A	9.0	14.0
Latex, Epoxies, Enamels	67PB	67SS	867	9.5	12.0
Latex, Multicolor, Fire Retardant	200	66SS	865	3.1	12.0
Multicolor, Fire Retardant, Epoxies	201	66SS	865	3.9	11.0
House Paint, Epoxies, Urethanes	68PB	68SS	868	9.5	12.0

2001 and 2001SS – CONVENTIONAL SPRAY GUN

Enamels, Hammer Tones, Polyurethane	66SD	66SS	565	7.9	10.5
Stains, Lacquers	63PB	63BSS	563A	9.0	14.0
Multicolor, Latex	200	66SS	565	3.1	12.0
Multicolor, Fire Retardant	201	66SS	565	3.9	11.0
Multicolor	R-8*	66SS	565	1.5	Fan
Multicolor	R-3*	66SS	565	3.0	Fan
Latex House/Wall Paint, Epoxies, Road Marking, Multicolor	206	67SS	567	6.0	15.0
Road Marking	709SS	67SS	567	4.6	8.0
Roof Coatings, Fire Retardant, Zinc Rich	68PB	68SS	568	9.5	12.0

* Signifies need for special base, consult part sheet #2316

21 AUTOMATIC GUN

Lacquers, Enamels	63PB	63BSS	263A	9.0	14.0
Enamels, Polyurethane	66SD	66SS	265	7.9	10.5
High Solids Enamels/Urethanes	67PB	67SS	267	9.5	12.0
Roof Coatings, Fire Retardant	68PB	68SS	268	9.5	12.0
Road Marking	709SS	68SS	268	9.5	12.0

380F - MULTICOLOR TOUCH UP GUN

Multicolor	R-8F	JA-F	519972	1.5	Fan
Multicolor	R-3F	JA-F	519972	3.0	Fan

Air Nozzle Identification Guide

Low CFM and Low Viscosity Materials

AIR NOZZLE	TYPE	REMARKS	CFM AT 50 PSI
63P	PE	Low CFM Capacity, Medium to Narrow Fan Width	5.1
66S	SE	Low CFM Capacity, Siphon Nozzle	5

Medium Viscosity Material

AIR NOZZLE	TYPE	REMARKS	CFM AT 50 PSI
63PB	PE	An excellent "general purpose" nozzle, used with wide range of materials	14.3
63PH-1	PE	High volume delivery nozzle, anti "fogging," wide fan width. Use with high solids materials, very wide pattern	15.5
63PR	PE	High production nozzle	15.5
64PA	PE	Used for vitreous enamels and other abrasive materials	18.2
66SD-3	PE	Best air nozzle for adhesive applications	15.4
66PE	PE	High production, high volume delivery nozzle	15
66PH	PE	Used with high solids, vitreous enamels	16.4
66SD	SE	An excellent "general purpose" siphon nozzle, use with wide range of materials	12.1

High Viscosity Materials

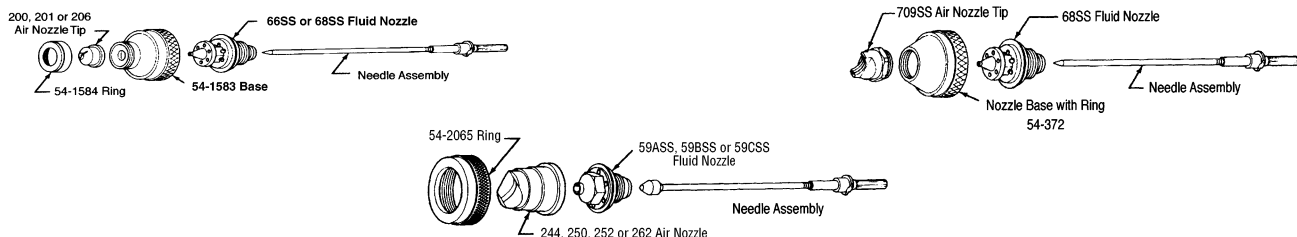
AIR NOZZLE	TYPE	REMARKS	CFM AT 50 PSI
67PB	PE	An excellent "general purpose" nozzle for heavier viscosities of materials	14.9
67PD	PE	Used for Zinc rich and other abrasive coatings	15
68PB	PE	An excellent "general purpose" nozzle where a high volume and heavier viscosity materials are required	14.1
66SK	SE	An excellent "general purpose" siphon nozzle, wide pattern with higher fluid, delivery, used with wide range of materials	15.2

Internal Mix Air Nozzles

AIR NOZZLE	TYPE	REMARKS	CFM AT 50 PSI
101	PI	Tungsten Carbide, Used with highly abrasive materials	6.8
190	PI	Tungsten Carbide, Used with road marking materials	11.5
200	PI	Primarily used for multi color applications	5.2
201	PI	Primarily used for light text materials	6.8
206	PI	Primarily used for multi color applications, light texture	9.5
390ss	PI	SS, used with road marking materials on truck mount guns	11.5
391ss	PI	SS, used with road marking materials on truck mount guns	10.5
709ss	PI	Primarily used with push behind line striper	5.75

Note: PE - Pressure External SE - Siphon External PI - Pressure Internal

For Internal Mix Air Nozzles, Please Order Base and Ring Separately. See Diagrams Below.



Binks System Solutions

Beginning with the first cold water paint spraying machine, Binks has provided high quality spray finishing products to the industry for over 100 years. Today, Binks leads the way with high transfer-efficient spray guns, reliable fluid handling equipment, efficient air purifying systems and quality accessories.

The Binks Mach series spray guns set the industry standard for reliable low, medium, and high-pressure HVLP spray finishing, offering the most complete line in the industry. Models 95 and 2001 spray guns remain the most popular conventional spray guns and feature our famous “60” series nozzles, capable of atomizing the full range of today’s coatings.

Today, Binks has redefined its place in the finishing industry with quality products and responsive customer service. Whether it’s professional painters, contractors, furniture, aerospace, electronics, appliance, or automotive finishing, Binks experts are waiting to match your needs with its products.

At Binks, we are a renewed company with a proud tradition.



Spray Guns

- Manual and automatic conventional air spray and HVLP
- Manual and automatic airless & air-assisted airless
- Mastic & extrusion guns
- Plural component
- Anodized forged aluminum gun bodies
- Waterborne compatible, stainless steel passages
- Gravity feed, suction feed and pressure feed

Cups and Tanks

- Siphon cups, pressure cups
- Aluminum, stainless steel, agitated
- 2 qt. pressure cup
- 2 and 10-gal. pressure tanks
- ASME-certified, galvanized, stainless steel

Pumps

- Diaphragm and piston
- Low, medium and high pressure
- Variety of mounting accessories

Hose

- Fluid and air hose
- Ball and air-adjusting valves
- Quick disconnects, fittings and connections

Additional Accessories

- Thread adapters
- Fluid nozzles, air caps, needle selections, extensions
- Educational tools and reference literature
- Replacement kits, test kits, regulators
- Respirators
- Spray booth filters

Sales and Service
Through a Nationwide Network of Distributors



North American Office
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Contractor Spray Equipment
3020 "F" Business Park Dr.
Norcross, GA 30071
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1-877-865-8635

