

**BINKS**

# TROPHY

## SERIES

Application Versatility  
Robust Design  
Ergonomics



START WITH CONFIDENCE.  
FINISH WITH A TROPHY.



# Application Versatility and Consistent Championship Performance – That’s What You Can Expect From Binks Trophy Series Equipment.

Whatever size job or part you’re finishing – whatever material you’re spraying – Binks Trophy Series spray guns provide the technology and confidence needed for most jobs and coatings.



## BINKS HAS YOU COVERED.

Pressure Feed Full Size, Pressure Feed Touch Up



Gravity Feed Full Size, Gravity Feed Touch Up

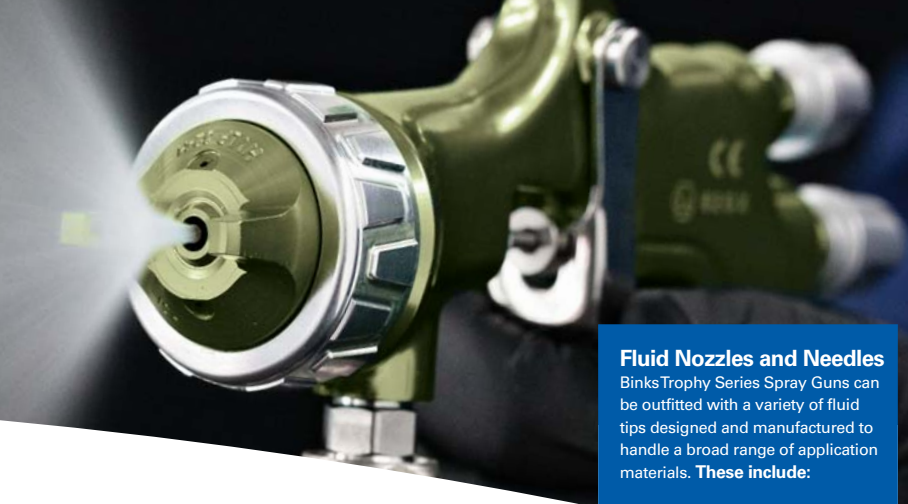


Siphon Feed Full Size



Automatic





## FINISHING AT THE FRONT: TROPHY SERIES AIR CAPS ATTAIN INDUSTRY LEADERSHIP

Binks engineering has developed a broad selection of air caps to ensure our ability to provide customers with the right gun with the perfect air cap for the job. The new air cap designs provide uniform spray patterns with consistent atomization from top to bottom.

### AIR CAPS AT A GLANCE:

	HVLP	LVMP	CONVENTIONAL
Transfer Efficiency	Meets Regulatory Standards	Equal to or better than HVLP	Less than HVLP and LVMP
Fluid Flow	Good	Better	Best
			
Air cap CFM	<b>31-H</b> 10.5 @ 10 PSI <b>32-H</b> 15.5 @ 10 PSI <b>33-H</b> 11.0 @ 10 PSI <b>C1</b> 6.4 @ 10 PSI	<b>22-L</b> 11.2 @ 30 PSI <b>23-L</b> 10.6 @ 30 PSI <b>B1</b> 7.8 @ 30 PSI	<b>11-C</b> 14.2 @ 50 PSI <b>12-C</b> 12.1 @ 50 PSI <b>14-C</b> 24.4 @ 50 PSI <b>16</b> 7.8 @ 50 PSI
	PSI's are specified at the cap	PSI's are specified at the gun inlet	

### Fluid Nozzles and Needles

Binks Trophy Series Spray Guns can be outfitted with a variety of fluid tips designed and manufactured to handle a broad range of application materials. **These include:**

#### TUFF TIP

Our stainless steel fluid nozzles are hardened and last 20% longer.\*

The stainless steel fluid nozzles are used for general purpose and a wide variety of coatings.

Size range: .5 to 2.6 (mm)

#### Plastic

Plastic needles are typically used for very thin materials including NGR stains.

Size Range: .5 to 2.6 (mm)

#### Tungsten Carbide

Tungsten carbide nozzles and needles are typically used for abrasive materials such as porcelain and ceramics.

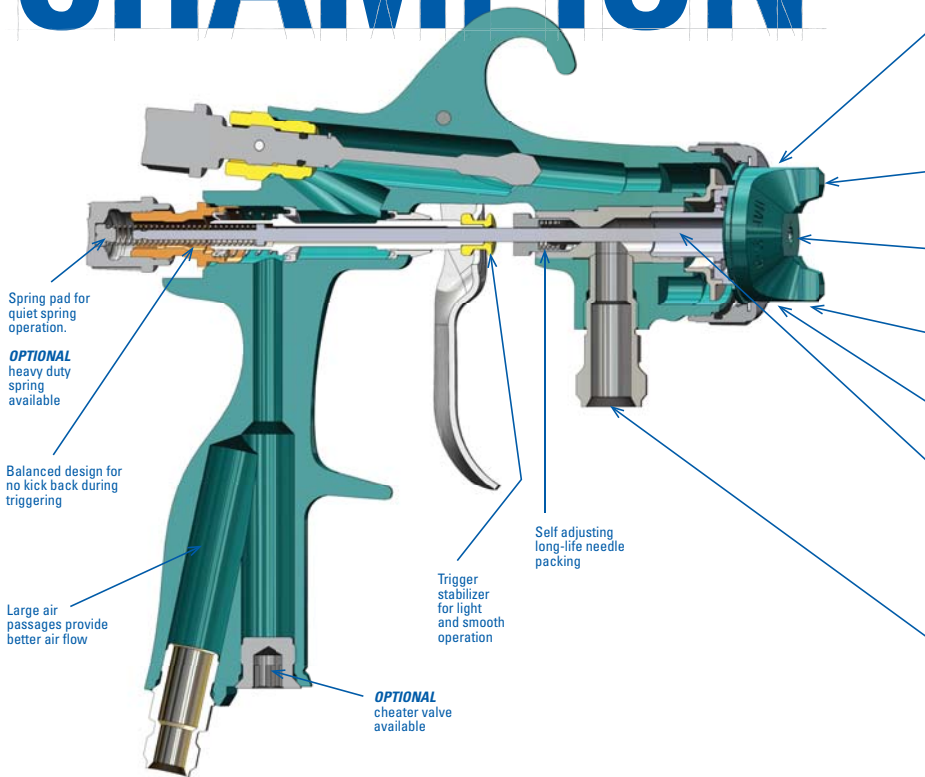
Sizes: 1.4, 1.8, 2.2, 2.6 (mm)

\*Based on internal testing of existing Binks and competitor stainless steel. Tested over 1 million cycles.

# ANATOMY OF A

The Binks Trophy Series Line of Spray Guns Offer Unparalleled Robustness For Industrial Coating and Finishing Requirements.

# CHAMPION



**AIR CAP**

- HVLP, LVMP, Conventional  
- Three spray technologies can be used on the same gun platform



Long life seal lasts twice as long than typical seals

Balanced and uniform pressure and distribution inside the air cap produces uniform spray particle distribution

Tuff Tip Hardened fluid nozzles last longer

**OPTIONAL** air cap pin available for Air cap positioning

Easy-grip air cap ring for easy removal and installation

**ONE STAINLESS STEEL NEEDLE FOR ALL FLUID NOZZLES REDUCES INVENTORY**

Stainless steel fluid passages for wide variety of materials

Needle knob can be used to remove piston for convenience

Needle seal cartridge assembly can be removed as one complete assembly

Combined with our comprehensive and compatible fluid nozzle and needles - including our hardened stainless steel TuffTip, plastic needle tips, and tungsten carbide –Trophy series spray equipment is fully capable of spraying the widest range of materials and viscosities.

# Why We Took Ergonomics So Seriously

Binks Trophy Series Spray Guns feel different by design. They're lighter and are easier to handle over longer periods of time. That means operators can spray for longer periods with less fatigue and injury. This can make a big difference to productivity and your bottom line. That's why we take ergonomics so seriously.



## BINKS TROPHY SERIES GUNS ARE:

- 1 LIGHT WEIGHT** – one of the lightest spray guns in the industry.
- 2 DESIGNED TO THE HAND** – our gun designers tested a variety of hands and grips to come up with the ideal design for the Trophy. The form is ultimately about function and reduced stress.
- 3 TRIGGER PULL** – the easy trigger pull action is created by the unique, built-in stabilization features.
- 4 NO KICK AIR VALVE** – delivers the smoothest trigger pull on the market. Virtually eliminates any recoil from triggering.
- 5 KNOBS AND AIR CAP RINGS** – all the hand adjustments have been designed and manufactured to make it nearly effortless to dial in on your settings or remove parts for maintenance or substitution.

# From wood to metals to ceramics and more, Binks Trophy Series Spray Equipment can handle your coating needs from start to finish.

Binks Trophy Series Equipment provides all the utility and versatility you need to develop your production plan and execute it with complete confidence.



Each gun can be configured with the appropriate needle and nozzle to accommodate the coating, size of part and type of surface to be finished.

## METAL

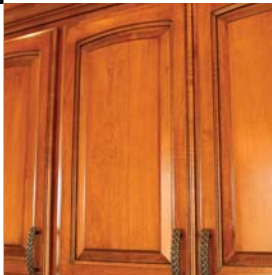


Trophy Series Spray Guns are your go-to guns regardless of what kind of metal parts you're painting. You'll get high quality coating performance out of...

- Urethanes
- Latex
- Two-component materials
- Epoxies



## WOOD



Wood surfaces can be expertly finished with Trophy guns designed specifically to handle...

- Toners
- Stains
- NGR Stains
- Topcoats

## TRANSPORTATION



Class A finishes for cars, trailers, trucks, buses, airplanes, helicopters and more are delivered with Trophy Series Spray Guns. You'll get the atomization for optimum spraying...

- Primers
- Base Coats
- Clear Coats
- Aerospace specific coatings

## SPECIAL COATINGS



Trophy Series Spray Guns and accompanying air caps are fully capable of handling a broad array of coatings and adhesives...

- Waterborne lacquers, UV materials and paints
- Adhesives for furniture, packaging and automotive applications
- High Wear enamels, ceramics, metallics, high solids



## COATING TYPES

**THIN (5-25 Centipoise, 15-19 sec. Zahn 2 Cup)** - Wash primers, dyes, stains, solvents, water, inks, sealers, lacquers, lubricants, zinc chromates, acrylics

**MEDIUM (20-70 Centipoise, 20-30 sec. Zahn 2 Cup)** - Synthetic enamels, varnishes, shellacs, fillers, primers, epoxies, urethanes, lubricants, wax emulsions, enamels

**HEAVY (70-160 Centipoise, 31-66 sec Zahn 2 Cup)**

**ADHESIVES** - Water-based vinyl, glues, solvent-based neoprenes, contact cements

**CERAMICS** - Abrasive materials, glazes, porcelain enamel

## ATOMIZATION TECHNOLOGIES

- **HVLP** Air Pressure is less than 10 psi at the air cap. Meets USA standards and regulatory requirements
- **LVMP** Provides equal to or greater transfer efficiency at higher air pressures than HVLP
- **CONV** Can spray at any air pressure. Good for viscous materials

For additional configurations, model numbers, tungsten carbide set-ups, and information, refer to the following spray gun bulletins:

- 77-3026 - Trophy Pressure Feed & Siphon Feed
- 77-3027 - Trophy Gravity Feed
- 77-3042 - Trophy Touch-Up Pressure Feed
- 77-3043 - Trophy Touch-Up Gravity Feed
- 77-3049 - Trophy Automatic

GUN TYPE	SPRAY GUN TECHNOLOGY	COATING TYPES	NEEDLE MATERIAL	TIP SIZE	AIR CAP	ORDER NUMBER
Full Size Gravity	LVMP ●	Thin / Medium	Stainless	1.4 mm (.055)	23-L	2466-14LV-23SG
	LVMP ●	Medium / Heavy	Stainless	1.8 mm (.070)	23-L	2466-18LV-23SG
	HVLP ●	Thin / Medium	Stainless	1.2 mm (.047)	32-H	2466-12HV-32SG
	HVLP ●	Thin / Medium	Stainless	1.4 mm (.055)	32-H	2466-14HV-32SG
	HVLP ●	Medium / Heavy	Stainless	1.8 mm (.070)	32-H	2466-18HV-32SG
Full Size Pressure	LVMP ●	Thin / Medium	Stainless	1.2 mm (.047)	23-L	2465-12LV-23S0
	LVMP ●	Thin / Medium	Stainless	1.4 mm (.055)	23-L	2465-14LV-23S0
	LVMP ●	Thin / Medium	Stainless	1.8 mm (.070)	23-L	2465-18LV-23S0
	HVLP ●	Thin	Stainless	1.0 mm (.040)	33-H	2465-10HV-33S0
	HVLP ●	Thin / Medium	Stainless	1.2 mm (.047)	32-H	2465-12HV-32S0
	HVLP ●	Thin / Medium	Stainless	1.4 mm (.055)	32-H	2465-14HV-32S0
	HVLP ●	Medium / Heavy	Stainless	1.8 mm (.070)	32-H	2465-18HV-32S0
	HVLP ●	Thin / Medium	Stainless	1.8 mm (.070)	32-H	2465-18HV-32SS
	Conventional ●	Thin / Medium / Mold Release / Non-Stick	Stainless	1.8 mm (.055)	11-C	2465-14CN-11S0
	Conventional ●	Medium / Heavy	Stainless	1.8 mm (.070)	11-C	2465-18CN-11S0
Full Size Siphon	Conventional ●	Thin / Medium / Adhesives / Non-Stick	Stainless	1.8 mm (.070)	12-C	2465-18CN-12SS
Touch Up Gravity	LVMP ●	Thin	Stainless	1.0 mm (.040)	B1	1466-10LV-B1S
Touch Up Gravity	LVMP ●	Thin / Medium	Stainless	1.2 mm (.047)	B1	1466-12LV-B1S
Touch Up Gravity	HVLP ●	Thin	Stainless	1.0 mm (.040)	C1	1466-10HV-C1S
Touch Up Gravity	HVLP ●	Thin / Medium	Stainless	1.2 mm (.047)	C1	1466-12HV-C1S
Touch Up Pressure	HVLP ●	Thin	Stainless	1.0 mm (.040)	C1	1465-10HV-C1S
Touch Up Pressure	HVLP ●	Thin / Medium	Stainless	1.2 mm (.047)	C1	1465-12HV-C1S
Automatic	HVLP ●	Thin	Stainless	.85 mm (.034)	33-H	3465-85HV-33S0
Automatic	HVLP ●	Thin	Plastic	.85 mm (.034)	31-H	3465-85HV-31P0
Automatic	HVLP ●	Thin	Stainless	1.0 mm (.040)	33-H	3465-10HV-33S0
Automatic	HVLP ●	Thin	Plastic	1.0 mm (.040)	31-H	3465-10HV-31P0
Automatic	HVLP ●	Thin / Medium	Stainless	1.2 mm (.047)	32-H	3465-12HV-32S0
Automatic	HVLP ●	Thin / Medium	Plastic	1.2 mm (.047)	31-H	3465-12HV-31P0
Automatic	HVLP ●	Thin / Medium	Stainless	1.4 mm (.055)	32-H	3465-14HV-32S0
Automatic	HVLP ●	Thin / Medium	Plastic	1.4 mm (.055)	31-H	3465-14HV-31P0
Automatic	HVLP ●	Medium	Stainless	1.6 mm (.063)	32-H	3465-16HV-32S0
Automatic	HVLP ●	Medium / Heavy	Stainless	1.8 mm (.070)	32-H	3465-18HV-32S0
Automatic	LVMP ●	Thin	Stainless	.85 mm (.034)	22-L	3465-85LV-22S0
Automatic	LVMP ●	Thin	Stainless	1.0 mm (.040)	22-L	3465-10LV-22S0
Automatic	LVMP ●	Thin / Medium	Stainless	1.2 mm (.047)	23-L	3465-12LV-23S0
Automatic	LVMP ●	Thin / Medium	Stainless	1.4 mm (.055)	23-L	3465-14LV-23S0
Automatic	LVMP ●	Medium	Stainless	1.6 mm (.063)	23-L	3465-16LV-23S0
Automatic	Conventional ●	Thin	Stainless	1.0 mm (.040)	11-C	3465-10CN-11S0
Automatic	Conventional ●	Thin / Medium	Stainless	1.2 mm (.047)	11-C	3465-12CN-11S0
Automatic	Conventional ●	Thin / Medium	Stainless	1.4 mm (.055)	11-C	3465-14CN-11S0
Automatic	Conventional ●	Medium / Heavy	Stainless	1.8 mm (.070)	11-C	3465-18CN-11S0
Automatic	Conventional ●	Heavy	Stainless	2.0 mm (.079)	14-C	3465-20CN-14S0
Automatic	Conventional ●	Heavy	Stainless	2.2 mm (.087)	14-C	3465-22CN-14S0

## SPRAY GUN OUTFITS

### Includes:

- 2465-14HV-32S0 (Trophy HVLP Spray Gun), 83C-220 (2 Gal zinc plated tank w/ 2 regulators) 71-1203 (15' Air Hose Assembly 5/16" ID), 71-31101 (25' Ergoflex Air Hose 3/8" ID), 71-3383 (25' Fluid Hose Assembly 1/4" ID)
- 2465-14LV-23S0 (Trophy LVMP Spray Gun), 83C-220 (2 Gal zinc plated tank w/ 2 regulators) 71-1203 (15' Air Hose Assembly 5/16" ID), 71-31101 (25' Ergoflex Air Hose 3/8" ID), 71-3383 (25' Fluid Hose Assembly 1/4" ID)

### Order Number

98-3156  
98-3157

## Finishing Brands – combined expertise spans more than 350 years.

The story of advancement in application technology is the story of our Finishing Group of Brands – DeVilbiss, Ransburg, BGK and Binks. Each brand grew into its own and became leaders in their individual product categories. Today – and collectively – those products share a common heritage of performance excellence and dependability. They also share a common name – Finishing Brands.

Finishing Brands is a unique, integrated provider of total paint system solutions. Electrostatic and conventional guns, fluid handling equipment, fluid metering, process controls, curing – everything is designed and manufactured to provide customers with finishing solutions with long term value.



### **BINKS®**

A wide variety of spray guns, accessories, high and low pressure material handling pumps, pressure tanks and paint circulating systems.

### ***Sales and Service through our Global Network of Industrial Distributors***

Binks Offices

Americas:	<b>USA</b>	<b>Mexico</b>	<b>Brazil</b>
Europe/Asia/Africa:	<b>United Kingdom</b>	<b>France</b>	<b>Germany</b>
Pacific Rim:	<b>China</b>	<b>Japan</b>	<b>Australia</b>

### **BINKS®**

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