

BINKS

TROPHY™

SERIES

Application Versatility
Robust Design
Ergonomics



Finish with a Trophy.
START WITH CONFIDENCE. FINISH WITH A TROPHY.

BINKS
TROPHY SERIES

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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



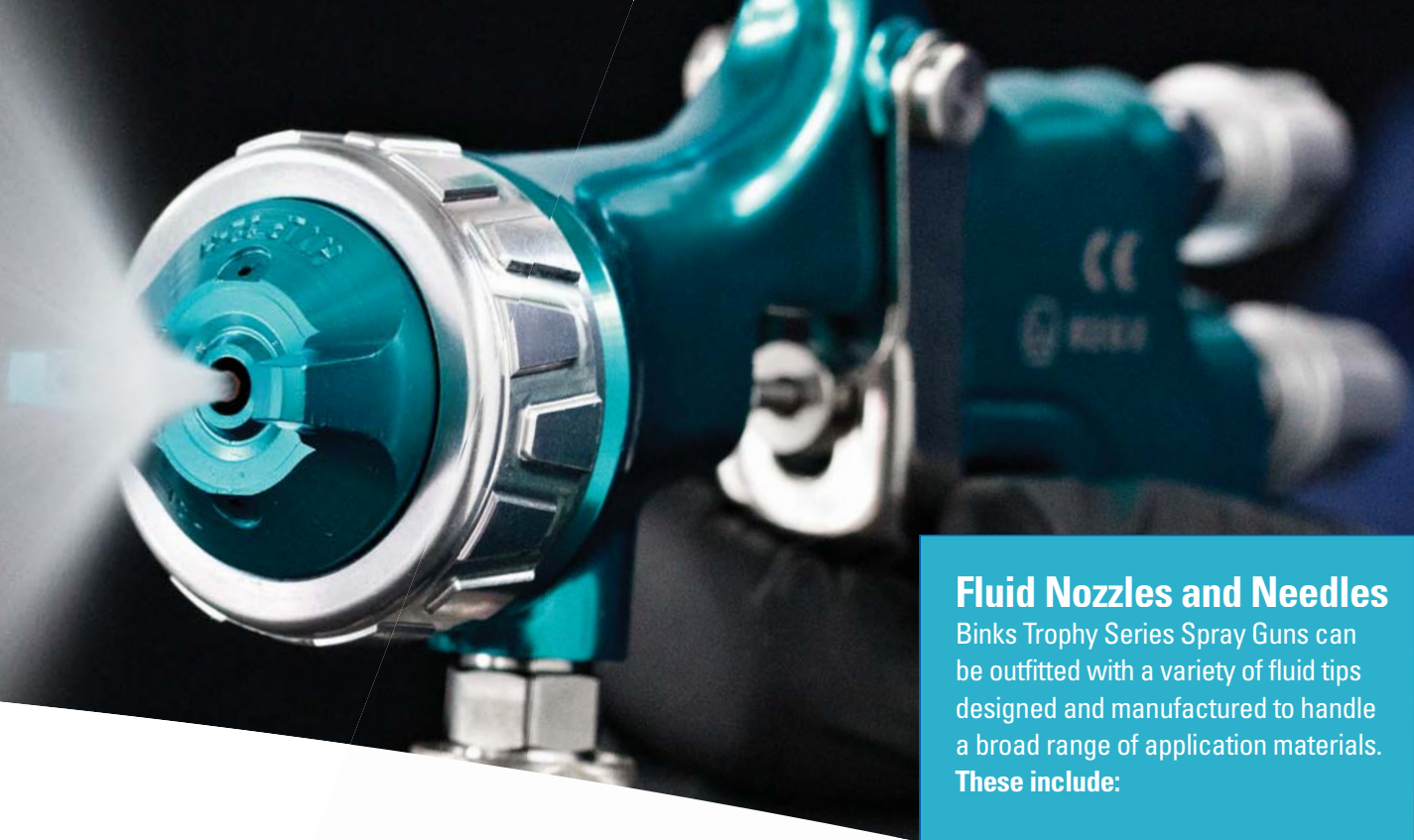
Siphon Feed Full Size





Binks Trophy Series spray guns combine cutting edge atomization technologies with lightweight, easy-handling ergonomic design.

THE RESULT? Spray guns you can count on – day in and day out – for use with virtually all coating applications over a very long time.



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.




Our air cap selection accommodates:

HVLP – Air pressure is less than 10 PSI at the air cap meeting all USA standards and regulatory requirements.

LVMP – Provides equal to or greater transfer efficiency at higher air pressures than HVLP

CONVENTIONAL – For spray applications requiring higher air pressure. Also suitable for viscous material set-ups.

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 Flow	High	Low	Low
			

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, a wide variety of coatings

Size range: .5 to 2.6 (mm)

Plastic
Plastic needles are typically used for 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.

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 compatible guns designed specifically to handle...

- Toners
- Stains
- NGR Stains
- Topcoats

TRANSPORTATION



Class A finishes for cars, trailers, trucks, busses, airplanes and 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

ANATOMY OF A CHAMPION

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



AIR CAP

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

HVLP



LVMP



CONVENTIONAL



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

Atomization passages have been designed for efficient and uniform air flow

ONE STAINLESS STEEL NEEDLE FOR ALL FLUID NOZZLES REDUCES INVENTORY

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

Stainless steel fluid passages for wide variety of materials

Self adjusting long-life needle packing

Stabilizer trigger for light and smooth operation

Optional cheater valve available

Spring pad for quiet spring operation. Optional heavy duty spring available

Balanced design for no kick back during triggering

Large air passages provide better air flow

Trophy series is available in multiple configurations to meet your application needs.

PRESSURE FEED

GRAVITY FEED

SIPHON FEED



Combined with our comprehensive and compatible fluid nozzle and needles - including our hardened stainless steel Tuff Tip, 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 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.

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, engoves, 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 information see Binks Trophy Series Spray Gun Bulletins 77-3026, 77-3027, 77-3042, 77-3043

GUN TYPE	SPRAY GUN TECHNOLOGY	COATING TYPES	NEEDLE MATERIAL	TIP SIZE	AIR CAP	ORDER NUMBER
Full Size Gravity	HVLP ●	Thin	Stainless	1.2 mm (.047)	32H	2466-12HV-32SG
	HVLP ●	Thin/ Medium	Stainless	1.4 mm (.055)	32H	2466-14HV-32SG
	HVLP ●	Medium	Stainless	1.8 mm (.070)	32H	2466-18HV-32SG
	LVMP ●	Thin	Stainless	1.2 mm (.047)	23L	2466-12LV-23SG
	LVMP ●	Thin/ Medium	Stainless	1.4 mm (.055)	23L	2466-14LV-23SG
	LVMP ●	Medium/Heavy	Stainless	1.8 mm (.070)	23L	2466-18LV-23SG
	Conventional ●	Thin	Stainless	1.4 mm (.055)	12C	2466-14CN-12SG
	Conventional ●	Thin/ Medium	Stainless	1.6 mm (.063)	12C	2466-16CN-12SG
	Conventional ●	Medium/Heavy	Stainless	1.8 mm (.070)	12C	2466-18CN-12SG
Full Size Pressure	HVLP ●	Thin	Stainless	0.85 mm (.034)	33H	2465-85HV-33S0
	HVLP ●	Thin	Plastic	0.85 mm (.034)	31H	2465-85HV-31P0
	HVLP ●	Thin	Stainless	1.0 mm (.040)	33H	2465-10HV-33S0
	HVLP ●	Thin	Plastic	1.0 mm (.040)	31H	2465-10HV-31P0
	HVLP ●	Thin/ Medium	Stainless	1.2 mm (.047)	32H	2465-12HV-32S0
	HVLP ●	Thin/ Medium	Plastic	1.2 mm (.047)	31H	2465-12HV-31P0
	HVLP ●	Medium	Stainless	1.4 mm (.055)	32H	2465-14HV-32S0
	HVLP ●	Medium	Plastic	1.4 mm (.055)	31H	2465-14HV-31P0
	HVLP ●	Medium	Stainless	1.6 mm (.063)	32H	2465-16HV-32S0
	HVLP ●	Medium	Stainless	1.8 mm (.070)	32H	2465-18HV-32S0
	LVMP ●	Thin	Stainless	0.85 mm (.034)	22L	2465-85LV-22S0
	LVMP ●	Thin	Stainless	1.0 mm (.040)	22L	2465-10LV-22S0
	LVMP ●	Thin/ Medium	Stainless	1.2 mm (.047)	23L	2465-12LV-23S0
	LVMP ●	Thin/ Medium	Stainless	1.4 mm (.055)	23L	2465-14LV-23S0
	LVMP ●	Medium	Stainless	1.6 mm (.063)	23L	2465-16LV-23S0
	Conventional ●	Thin/ Non-Stick Coatings	Stainless	1.0 mm (.040)	11C	2465-10CN-11S0
	Conventional ●	Thin/ Medium/ Mold Release/ Non-Stick Coatings	Stainless	1.2 mm (.047)	11C	2465-12CN-11S0
	Conventional ●	Thin/ Medium	Stainless	1.4 mm (.055)	11C	2465-14CN-11S0
	Conventional ●	Ceramics	Tungsten Carbide	1.4 mm (.055)	14C	2465-14CN-14V0
	Conventional ●	Ceramics	Tungsten Carbide	1.8 mm (.055)	14C	2465-18CN-14V0
	Conventional ●	Ceramics/ Zinc Rich Coatings	Tungsten Carbide	2.2 mm (.055)	14C	2465-22CN-14V0
	Conventional ●	Ceramics	Tungsten Carbide	2.6 mm (.055)	14C	2465-26CN-14V0
	Conventional ●	Thin/ Medium/ Heavy	Stainless	1.6 mm (.063)	11C	2465-16CN-11S0
	Conventional ●	Thin/ Medium/ Heavy	Stainless	1.6 mm (.063)	12C	2465-16CN-12S0
	Conventional ●	Thin/ Medium/ Heavy	Stainless	1.8 mm (.070)	11C	2465-18CN-11S0
	Conventional ●	Medium/ Adhesives	Stainless	2.0 mm (.079)	14C	2465-20CN-14S0
	Conventional ●	Medium/ Adhesives	Stainless	2.2 mm (.087)	14C	2465-22CN-14S0
	Round Spray	Thin/ Medium	Stainless	1.2 mm (.047)	16	2465-12CN-16S0
Full Size Siphon	HVLP ●	Thin/ Medium	Stainless	1.8 mm (.070)	32H	2465-18HV-32SS
	LVMP ●	Thin/ Medium	Stainless	1.8 mm (.070)	23L	2465-18LV-23SS
	Conventional ●	Thin/ Medium	Stainless	1.6 mm (.063)	12C	2465-16CN-12SS
	Conventional ●	Thin/ Medium/ Adhesives/ Non-Stick Coatings	Stainless	1.8 mm (.070)	12C	2465-18CN-12SS
Touch Up Gravity	HVLP ●	Thin	Stainless	1.0 mm (.040)	C1	1466-10HV-C1S
	HVLP ●	Medium	Stainless	1.2 mm (.047)	C1	1466-12HV-C1S
	LVMP ●	Thin	Stainless	1.0 mm (.040)	B1	1466-10LV-B1S
	LVMP ●	Medium	Stainless	1.2 mm (.047)	B1	1466-12LV-B1S
	Round Spray	Thin	Stainless	1.0 mm (.040)	A1	1466-10LV-A1S
Touch Up Pressure	HVLP ●	Very Thin	Stainless	0.8 mm (.030)	C1	1465-08HV-C1S
	HVLP ●	Thin	Stainless	1.0 mm (.040)	C1	1465-10HV-C1S
	HVLP ●	Thin	Plastic	1.0 mm (.040)	C1	1465-10HV-C1P
	HVLP ●	Thin	Stainless	1.2 mm (.047)	C1	1465-12HV-C1S
	HVLP ●	Medium / Heavy	Stainless	1.4 mm (.055)	C1	1465-14HV-C1S
	HVLP ●	Thin	Plastic	1.4 mm (.055)	C1	1465-14HV-C1P
	LVMP ●	Thin	Stainless	1.0 mm (.040)	B1	1465-10LV-B1S
	LVMP ●	Medium	Stainless	1.2 mm (.047)	B1	1465-12LV-B1S
	LVMP ●	Heavy	Stainless	1.4 mm (.055)	B1	1465-14LV-B1S
	Round Spray	Thin	Stainless	1.0 mm (.040)	A1	1465-10LV-A1S