

# BINKS TROPHY SERIES

Manual, Touch Up & Automatic  
Spray Guns

**BINKS®**



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## Manual, Touchup and Automatic

A great finish for every size job and every size part

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## HVLP, LVMP and CONventional Technologies

For optimal air cap performance while meeting environmental requirements

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## Pressure, Gravity and Siphon Models

Will meet the needs of your application

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## Fewer Gun Parts

Reduce maintenance, downtime and inventory requirements

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## Long Wearing Fluid Component Application

Reduce the cost of owning and maintaining your spray guns

**Binks Trophy Series Spray Guns** are the premier spray guns for use in pressure, gravity and siphon applications. The lightweight and ergonomic design provides unsurpassed comfort and control. The large selection of fluid nozzles and needle materials means that this versatile gun can be used in almost any coating application. Available in HVLP, LVMP or Conventional spray technologies, these guns incorporate the latest advanced atomization technology. Use the Binks Trophy Series Spray guns to achieve a consistent fine finish with a wide range of industrial coatings.

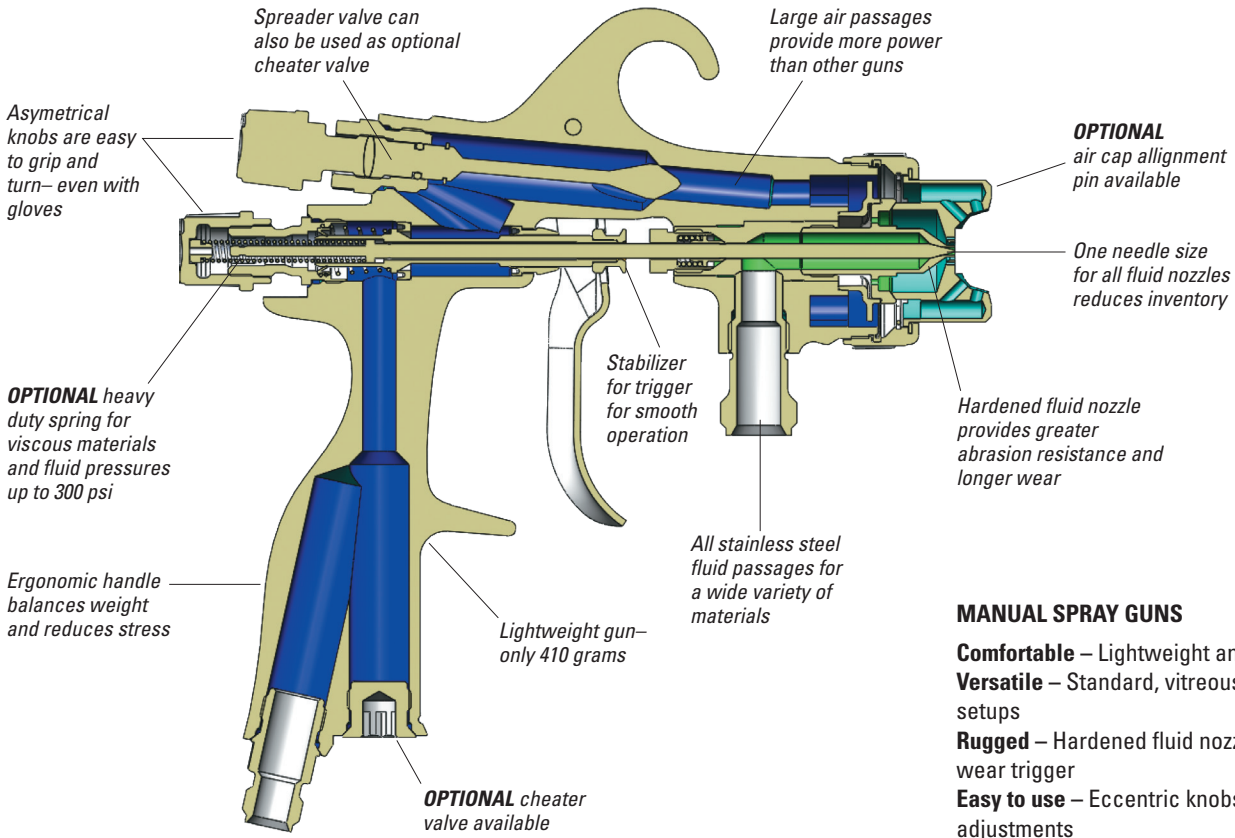
## Applications

The Binks Trophy Series Spray guns are ideal for a wide variety of materials and viscosities. These versatile guns can be used in all types of industrial applications, from wood to metal to ceramics. The Trophy Series guns will spray them all.

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**MANUAL SPRAY GUNS**

- Comfortable** – Lightweight and ergonomic
- Versatile** – Standard, vitreous and stain setups
- Rugged** – Hardened fluid nozzles and long wear trigger
- Easy to use** – Eccentric knobs and fine adjustments

Extensive field testing proves this spray gun delivers a superior performance in a wide variety of industrial applications.

Customers' comments include:  
*"The knobs are well designed for size, function and indexing."*  
*"So far this gun is perfect. Light, easy to adjust and finish looks better than before."*

**A full line of Binks extensions available**



**MANUAL SPRAY GUN SPECIFICATIONS**

Maximum Air Pressure	140 psi / 9.6 bar (P-1)
Maximum Fluid Pressure	140 psi / 9.6 bar (P-2) (with standard spring)
Maximum Fluid Pressure	300 psi / 20.6 bar (P-2) (with optional spring)
Gun Body	Anodized Aluminum
Fluid Path	Stainless Steel
Fluid Inlet Size	3/8" NPS / BSP(m)
Air Inlet Size	1/4" NPS / BSP(m)
Gun Weight	14 oz. / 410 grams
Wetted Parts	Stainless Steel & PTFE





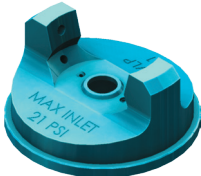
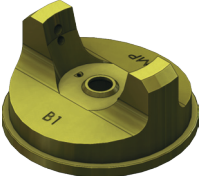
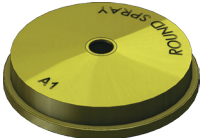
**TOUCH-UP GUNS**

The Binks Trophy Series Touch-Up Spray Gun is the most versatile small gun on the market. The HVLV and LVMP air caps are optimized to spray at patterns under 6 inches (150 mm). With a gravity and pressure version, this gun will spray all of your small parts. In addition to being small and lightweight, the ergonomic design sets a new standard for touch-up guns. This gun shares many of its features with our full size Binks Trophy Series Spray Guns, giving it the durability that you expect from a Binks spray gun.

Applications:

Use with:

- Stain
- Epoxy
- Enamel
- Non-Stick Coatings
- Ceramic
- Low Viscosity Adhesives
- Plus more...

AIR CAPS		
<p>HVLV C1</p>  <p>46-10000</p>	<p>LVMP B1</p>  <p>46-10010</p>	<p>ROUND A1</p>  <p>46-10020</p>

TOUCH-UP GUN SPECIFICATIONS	
Maximum Air Pressure	100 psi / 6.9 bar (P-1)
Maximum Fluid Pressure	100 psi / 6.9 bar (P-2)
Gun Body	Anodized Aluminum
Fluid Path	Stainless Steel
Fluid Inlet Size	3/8" NPS / BSP(m)
Air Inlet Size	1/4" NPS / BSP(m)
Gun Weight	13 oz. / 374 grams
Wetted Parts	Stainless Steel & PTFE

FLUID NOZZLE OPTIONS	
MATERIAL	PART NO. / ORIFICE
Very Light / Reduced Flow	45-12080 0.8mm (.030")
Light / Medium 15-20 seconds, Zahn 2 Stains, varnishes, thin lacquers, automotive refinishing materials	45-12100 1.0mm (.040")
Medium 20-30 seconds, Zahn 2 General industrial coatings, enamels, epoxies, fine grit ceramics	45-12120 1.2mm (.047")
Heavy Greater than 30 seconds, Zahn 2 Low VOC coatings, adhesives, fine grit ceramics	45-12140 1.4mm (.055")



**3 ATOMIZATION TECHNOLOGIES AVAILABLE**
**HVLP** – Air pressure is less than 10 psi at the aircap. Meets USA regulatory requirements

**LVMP** – Has same or better transfer efficiencies and higher air pressures when compared to HVLP, with a finish similar to CONventional

**CONV** – No parameters or limits. Can spray any air pressure or CFM. Good with viscous materials.

MANUAL SPRAY GUNS					
ORDER NUMBER	FLUID NOZZLE & AIR CAP	AIR CAP	FLUID NOZZLE	NEEDLE MATERIAL	PRESSURE, SIPHON OR GRAVITY
<b>HVLP</b>					
2465-85HV-33S0	.85MM X 33H	46-6519	45-11050-85	Stainless	Pressure
2465-85HV-31P0	.85MM X 31H	46-6517	45-11050-85	Plastic	Pressure
2465-10HV-33S0	1.0MM X 33H	46-6519	45-11050-10	Stainless	Pressure
2465-10HV-31P0	1.0MM X 31H	46-6517	45-11050-10	Plastic	Pressure
2465-12HV-32S0	1.2MM X 32H	46-651	45-11050-12	Stainless	Pressure
2465-12HV-31P0	1.2MM X 31H	46-6517	45-11050-12	Plastic	Pressure
2465-14HV-32S0	1.4MM X 32H	46-6518	45-11050-14	Stainless	Pressure
2465-14HV-31P0	1.4MM X 31H	46-6517	45-11050-14	Plastic	Pressure
2465-16HV-32S0	1.6MM X 32H	46-6518	45-11050-16	Stainless	Pressure
2465-18HV-32S0	1.8MM X 32H	46-6518	45-11050-18	Stainless	Pressure
2465-18HV-32SS	1.8MM X 32H	46-6518	45-11050-18	Stainless	Siphon
2466-12HV-32SG	1.2MM X 32H	46-6518	45-11050-12	Stainless	Gravity
2466-14HV-32SG	1.4MM X 32H	46-6518	45-11050-14	Stainless	Gravity
2466-18HV-32SG	1.8MM X 32H	46-6518	45-11050-18	Stainless	Gravity
<b>LVMP</b>					
2465-85LV-22S0	.85MM X 22L	46-6510	45-11050-85	Stainless	Pressure
2465-10LV-22S0	1.0MM X 22L	46-6510	45-11050-10	Stainless	Pressure
2465-12LV-23S0	1.2MM X 23L	46-6511	45-11050-12	Stainless	Pressure
2465-14LV-23S0	1.4MM X 23L	46-6511	45-11050-14	Stainless	Pressure
2465-16LV-23S0	1.6MM X 23L	46-6511	45-11050-16	Stainless	Pressure
2465-18LV-23SS	1.8MM X 23L	46-6511	45-11050-18	Stainless	Siphon
2466-12LV-23SG	1.2MM X 23L	46-6511	45-11050-12	Stainless	Gravity
2466-14LV-23SG	1.4MM X 23L	46-6511	45-11050-14	Stainless	Gravity
2466-18LV-23SG	1.8MM X 23L	46-6511	45-11050-18	Stainless	Gravity
<b>CONVENTIONAL</b>					
2465-10CN-11S0	1.0MM X 11C	46-6500	45-11050-10	Stainless	Pressure
2465-12CN-11S0	1.2MM X 11C	46-6500	45-11050-12	Stainless	Pressure
2465-14CN-11S0	1.4MM X 11C	46-6500	45-11050-14	Stainless	Pressure
2465-16CN-11S0	1.6MM X 11C	46-6500	45-11050-16	Stainless	Pressure
2465-16CN-12S0	1.6MM X 12C	46-6501	45-11050-16	Stainless	Pressure
2465-18CN-11S0	1.8MM X 11C	46-6500	45-11050-18	Stainless	Pressure
2465-16CN-12SS	1.6MM X 12C	46-6501	45-11050-16	Stainless	Siphon
2465-18CN-12SS	1.8MM X 12C	46-6501	45-11050-18	Stainless	Siphon
2465-20CN-14S0	2.0MM X 14C	46-6503	45-11060-20	Stainless	Pressure

MANUAL SPRAY GUNS					
ORDER NUMBER	FLUID NOZZLE & AIR CAP	AIR CAP	FLUID NOZZLE	NEEDLE MATERIAL	PRESSURE, SIPHON OR GRAVITY
<b>CONVENTIONAL (continued)</b>					
2465-22CN-14S0	2.2MM X 14C	46-6503	45-11060-22	Stainless	Pressure
2466-14CN-12SG	1.4MM X 12C	46-6501	45-11050-14	Stainless	Gravity
2466-16CN-12SG	1.6MM X 12C	46-6501	45-11050-16	Stainless	Gravity
2466-18CN-12SG	1.8MM X 12C	46-6501	45-11050-18	Stainless	Gravity
<b>CONVENTIONAL CARBIDE</b>					
2465-14CN-14V0	1.4MM(TC) X14C	46-6503	45-11080-14	Carbide	Pressure
2465-18CN-14V0	1.8MM(TC) X14C	46-6503	45-11080-18	Carbide	Pressure
2465-22CN-14V0	2.2MM(TC) X14C	46-6503	45-11080-22	Carbide	Pressure
2465-26CN-14V0	2.6MM(TC) X14C	46-6503	45-11080-26	Carbide	Pressure
<b>ROUND SPRAY</b>					
2465-12CN-16S0	1.2MM X 16	46-6505	45-11050-12	Stainless	Pressure

TOUCH UP SPRAY GUNS					
ORDER NUMBER	FLUID NOZZLE & AIR CAP	AIR CAP ASSEMBLY	FLUID NOZZLE	NEEDLE MATERIAL	PRESSURE OR GRAVITY
<b>HVLP</b>					
1465-08HV-C1S	0.8mm X C1	46-10000	45-12080	Stainless	Pressure
1465-10HV-C1S	1.0mm X C1	46-10000	45-12100	Stainless	Pressure
1465-12HV-C1S	1.2mm X C1	46-10000	45-12120	Stainless	Pressure
1465-14HV-C1S	1.4mm X C1	46-10000	45-12140	Stainless	Pressure
1465-10HV-C1P	1.0mm X C1	46-10000	45-12100	Plastic	Pressure
1465-14HV-C1P	1.4mm X C1	46-10000	45-12140	Plastic	Pressure
1466-10HV-C1S	1.0mm X C1	46-10000	45-12100	Stainless	Gravity
1466-12HV-C1S	1.2mm X C1	46-10000	45-12120	Stainless	Gravity
<b>LVMP</b>					
1465-10LV-B1S	1.0mm X B1	46-10010	45-12100	Stainless	Pressure
1465-12LV-B1S	1.2mm X B1	46-10010	45-12120	Stainless	Pressure
1465-14LV-B1S	1.4mm X B1	46-10010	45-12140	Stainless	Pressure
1466-10LV-B1S	1.0mm X B1	46-10010	45-12100	Stainless	Gravity
1466-12LV-B1S	1.2mm X B1	46-10010	45-12120	Stainless	Gravity
<b>ROUND SPRAY</b>					
1465-10LV-A1S	1.0mm X A1	46-10020	45-12100	Stainless	Pressure
1466-10LV-A1S	1.0mm X A1	46-10020	45-12100	Stainless	Gravity

For additional information see Binks Trophy Series Spray Gun Service Bulletins 77-3026, 77-3027, 77-3042 and 77-3043.

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