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**BINKS®**

# BINKS TROPHY SERIES

## Manual and Touch-Up Spray Guns



Binks Trophy Series Spray Guns are the premier spray guns for use in pressure, gravity and suction 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 range can be used on almost any coating application. Available in HVLP, LVMP (Trans-Tech) or CONventional spray technologies, these guns incorporate the latest advanced atomisation 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.

**Binks Trophy Finishes *AT THE FRONT* when spraying metals, plastics, wood, ceramic, composite and other substrates.**

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### Manual and Touch-up Spray Guns

A great finish for every size job and every size part

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### HVLP (Blue), LVMP (Green) and CONventional (Brown) Technologies

For optimal air cap performance while meeting environmental requirements

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### Pressure, Gravity and Suction Models

Will meet the needs of all applications

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### Fewer Gun Parts

Reduced maintenance, downtime and lower running costs

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### Longer Wearing Fluid Components

Reduce the cost of owning and maintaining your Trophy spray guns

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TROPHY SERIES

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**SPRAY GUNS ARE AVAILABLE IN EVERY TECHNOLOGY.**

Binks has developed a broad selection of spray guns, air caps and fluid tips to provide users with the right gun with the perfect air cap for the job.

The completely new air cap designs provide uniform spray patterns with consistent atomisation from top to bottom.

Trophy spray guns are available in these Technologies:

**LVMP (Green)** – (Trans-Tech) Provides equal to or greater transfer efficiency at slightly higher air pressures than HVLP

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

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

**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 profitability. That's why we take ergonomics so seriously.

**1. LIGHT WEIGHT** – one of the lightest, top quality spray gun range available.

**2. DESIGNED FOR THE HAND** – our gun designers tested a variety of hand sizes 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 light trigger pull action is created by the unique, built-in stabilisation 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 virtually effortless to "dial-in" your settings or remove parts for maintenance or substitution.

**A FULL LINE OF BINKS TROPHY EXTENSIONS ARE AVAILABLE**

**Fluid Tips and Needles** – Binks Trophy Series Spray Guns utilise a wide variety of fluid tips and needles designed and manufactured to handle a broad range of application materials. These include:

**TUFF TIP (supplied as standard)** – Our stainless steel fluid nozzles are hardened and last 20% longer.\* The stainless steel fluid nozzles are used for general purpose, to apply a wide variety of coatings.

- Size range: 0.5mm to 2.6mm

**Plastic** – Plastic needles are typically used for very thin materials including wood stains.

- Size Range: 0.5mm to 2.6mm

**Tungsten Carbide** – Tungsten carbide nozzles and needles are typically used for abrasive materials such as Glaze and Ceramics.

- Sizes: 1.4, 1.8, 2.2, 2.6mm

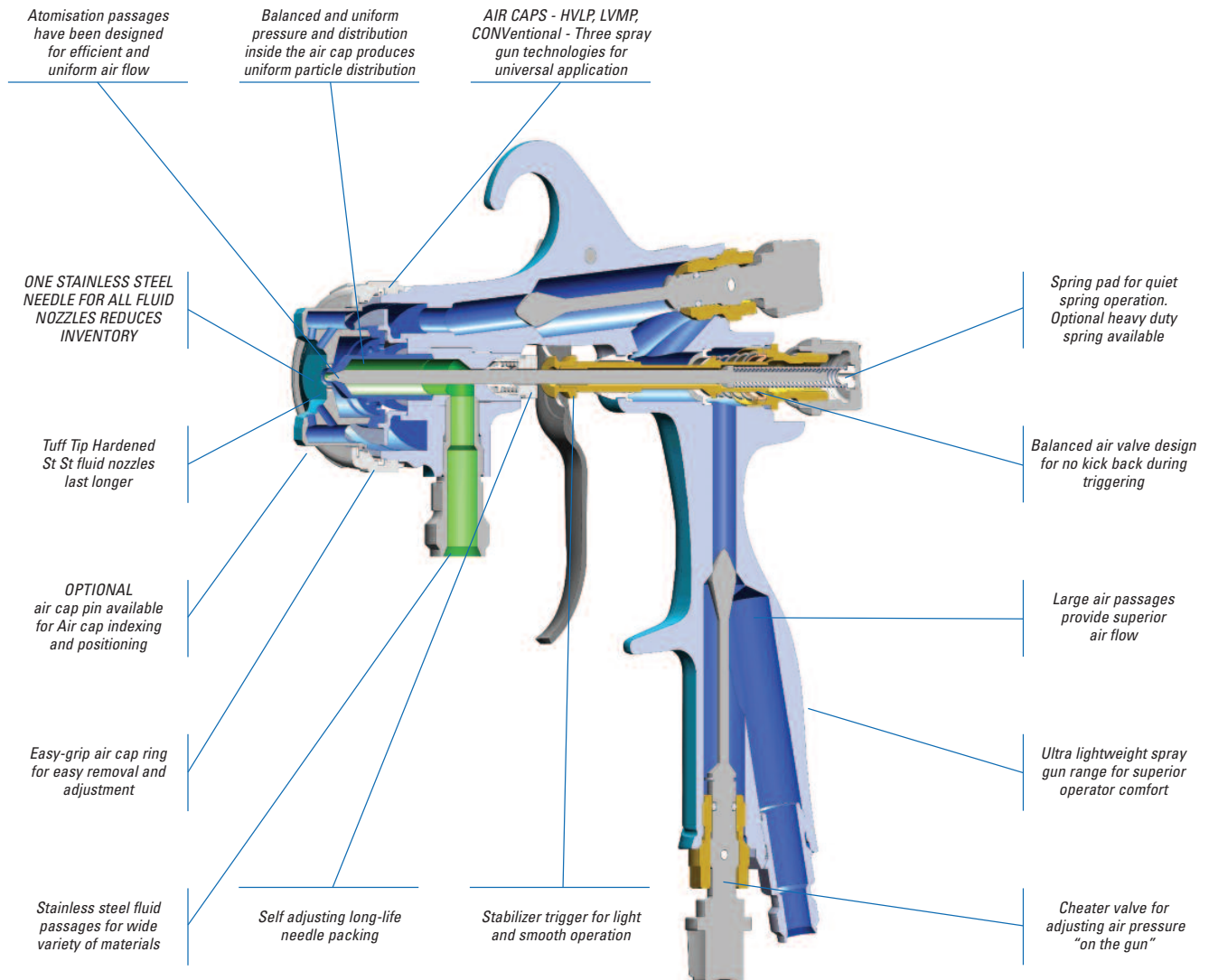
*\*Based on internal testing of existing Binks and competitor stainless steel. Tested over 1 million cycles.*



FULL SIZE GUN SPECIFICATION	
Max Air Pressure	140 psi / 9.6 bar
Max Fluid Pressure	140 psi / 9.6 bar (Standard spring)
Max Fluid Pressure	300 psi / 20.6 bar (Special spring)
Gun Body Anodized	Aluminium
Fluid Path	Stainless Steel
Fluid Inlet Size	3/8" NPS / BSP(m)
Air Inlet Size	1/4" NPS / BSP(m)
Gun Weight (pressure/suction)	440 grams
Gun Weight (gravity no cup)	417 grams
Wetted Parts	Stainless Steel & PTFE
Wetted Parts (gravity cup)	Acetal and Plated Brass
Wetted Parts (suction cup)	Aluminium and Plated Brass

## ANATOMY OF A THOROUGHBRED

The Binks Trophy Series Spray Guns provide unequalled ergonomic durability for Industrial Finishing Applications everywhere.



### TROPHY TOUCH-UP GUNS

The Binks Trophy Series Touch-Up Spray Gun is the most versatile small gun on the market. The HVLP and LVMP air caps are optimised to spray at patterns up to 6 inches wide (150 mm). With gravity, suction and pressure versions, 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.

#### Typical Applications:

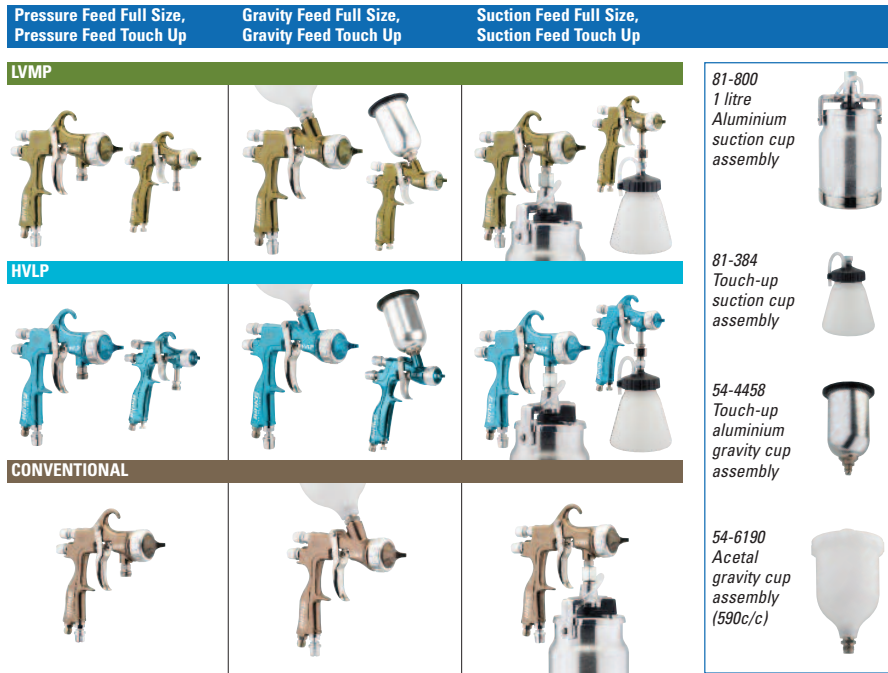
- Stain
- Epoxy
- Enamel
- Non-Stick Coatings
- Ceramic
- Low Viscosity Adhesives
- Plus more...



#### TOUCH-UP GUN SPECIFICATION

Max Air/Fluid Pressure	100 psi / 6.9 bar
Gun Body Anodized	Aluminium
Fluid Path	Stainless Steel
Fluid Inlet (Pressure gun)	3/8" NPS / BSP(m)
Air Inlet Size	1/4" NPS / BSP(m)
Gun Weight (pressure)	372 grams
Gun Weight (gravity no cup)	340 grams
Wetted Parts (gun)	Stainless Steel & PTFE
Wetted Parts (gravity cup)	Aluminium and Plated Brass
Wetted Parts (suction cup)	Polyethylene and Plated Brass

**BINKS TROPHY SERIES**



**Trophy Full Size Gun**

Trophy Air Cap Code	Spray Technology	SCFM	LPM	Fluid tip Size Range	Coating Types†
11-C	Conventional	14 @ 50 psi	277 @ 2 bar	1.0 mm - 1.8 mm	Thin / Medium / Heavy / Mould release / Non-stick coatings
12-C	Conventional (12 SCFM @ 50 PSI)	12 @ 50 psi	235 @ 2 bar	1.0 mm - 1.8 mm	Thin / Medium / Heavy / adhesives / Non-stick coatings
14-C	Conventional (24 SCFM @ 50 PSI)	24 @ 50 psi	481 @ 2 bar	1.4 mm - 2.6 mm	Medium / Ceramics / Zinc Rich Coatings
22-L	LVMP (Trans-Tech)	11 @ 30 psi	317 @ 2 bar	0.5 mm - 1.6 mm	Thin
23-L	LVMP (Trans-Tech)	11 @ 30 psi	300 @ 2 bar	1.0 mm - 1.8 mm	Thin / Medium
31-H	HVLP	10.5 @ 10 psi*	297 @ 0.68 bar*	0.85 mm - 1.8 mm	Thin / Medium
32-H	HVLP	15.5 @ 10 psi*	439 @ 0.68 bar*	1.2 mm - 1.8 mm	Thin / Medium
33-H	HVLP	11 @ 10 psi*	311 @ 0.68 bar*	0.85 mm - 1.6 mm	Thin / Medium

Carbide tips (option) 1.4, 1.8, 2.2, 2.6mm

**Trophy Touch-up Gun**

Trophy Air Cap Code	Spray Technology	SCFM	LPM	Fluid tip Size Range	Coating Types†
B1	LVMP (Trans-Tech)	7.8 @ 30 psi	220 @ 2 bar	0.8 mm - 1.2 mm	Thin
C1	HVLP	6.5 @ 20 psi	181 @ 1.4 bar	0.8 mm - 1.2 mm	Thin

Gun Inlet Pressure is measured at the gun inlet fitting with the gun triggered.

\* Air consumption measured at the air cap.

† THIN 5-25 CENTIPOISE 10-13 sec. DIN 4 cup / MEDIUM 25-70 CENTIPOISE 14-22 sec. DIN 4 cup / HEAVY 70-160 CENTIPOISE 23-38 sec. DIN 4 cup

**For further technical information refer to the Binks Trophy Series Spray Gun Service Bulletin.**

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

Finishing Brands Locations

- Americas: **USA** ▪ **Mexico** ▪ **Brazil**
- Europe/Asia/Africa: **United Kingdom** ▪ **France** ▪ **Germany**
- Pacific Rim: **China** ▪ **Japan** ▪ **Australia**

**TROPHY Spray Gun Set ups and Part Numbers.**

FULL SIZE SPRAY GUNS	Part Number	Needle Material	Type
<b>HVLP</b>			
2465-85HV-33SO-E	Stainless Steel	Pressure	
2465-10HV-33SO-E	Stainless Steel	Pressure	
2465-12HV-32SO-E	Stainless Steel	Pressure	
2465-14HV-32SO-E	Stainless Steel	Pressure	
2465-16HV-32SO-E	Stainless Steel	Pressure	
2465-18HV-32SO-E	Stainless Steel	Pressure	
2465-18HV-32SS-E	Stainless Steel	Suction	
2466-12HV-32SG-E	Stainless Steel	Gravity	
2466-14HV-32SG-E	Stainless Steel	Gravity	
2466-18HV-32SG-E	Stainless Steel	Gravity	
<b>LVMP (Trans-Tech)</b>			
2465-85LV-22SO-E	Stainless Steel	Pressure	
2465-10LV-22SO-E	Stainless Steel	Pressure	
2465-12LV-23SO-E	Stainless Steel	Pressure	
2465-14LV-23SO-E	Stainless Steel	Pressure	
2465-16LV-23SO-E	Stainless Steel	Pressure	
2465-18LV-23SS-E	Stainless Steel	Suction	
2466-12LV-23SG-E	Stainless Steel	Gravity	
2466-14LV-23SG-E	Stainless Steel	Gravity	
2466-18LV-23SG-E	Stainless Steel	Gravity	
<b>Conventional</b>			
2465-10CN-11SO-E	Stainless Steel	Pressure	
2465-12CN-11SO-E	Stainless Steel	Pressure	
2465-14CN-11SO-E	Stainless Steel	Pressure	
2465-16CN-11SO-E	Stainless Steel	Pressure	
2465-16CN-12SO-E	Stainless Steel	Pressure	
2465-18CN-11SO-E	Stainless Steel	Pressure	
2465-16CN-12SS-E	Stainless Steel	Suction	
2465-18CN-12SS-E	Stainless Steel	Suction	
2465-20CN-14SO-E	Stainless Steel	Pressure	
2465-22CN-14SO-E	Stainless Steel	Pressure	
2466-14CN-12SG-E	Stainless Steel	Gravity	
2466-16CN-12SG-E	Stainless Steel	Gravity	
2466-18CN-12SG-E	Stainless Steel	Gravity	
<b>Conventional Carbide</b>			
2465-14CN-14VO-E	Carbide	Pressure	
2465-18CN-14VO-E	Carbide	Pressure	
2465-22CN-14VO-E	Carbide	Pressure	
2465-26CN-14VO-E	Carbide	Pressure	
<b>Round Spray</b>			
2465-12CN-16SO-E	Stainless Steel	Pressure	
<b>TOUCH UP SPRAY GUNS</b>			
Part Number	Needle Material	Type	
<b>HVLP</b>			
1465-08HV-C1S-E	Stainless Steel	Pressure	
1466-10HV-C1S-E	Stainless Steel	Gravity	
<b>LVMP (Trans-Tech)</b>			
1465-10LV-B1S-E	Stainless Steel	Pressure	
1465-12LV-B1S-E	Stainless Steel	Pressure	
1466-10LV-B1S-E	Stainless Steel	Gravity	
1466-12LV-B1S-E	Stainless Steel	Gravity	

**YELLOW INDICATES STANDARD SET-UP**

Example of Trophy part numbering

**2465-12LV-23SO-E**

