

Air Caps

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.



	HVLP	LVMP	CONVENTIONAL
Transfer Efficiency	Meets Regulatory Standards	Equal to or better than HVLP	Less than HVLP Standards than HVLP and LVMP
Air cap consumption (l/ min)	31-H 300 (0.07 MPa)	22-L 320 (0.2 MPa)	11-C 400 (0.35 MPa)
	32-H 440 (0.07 MPa)	23-L 300 (0.2 MPa)	12-C 340 (0.35 MPa)
	33-H 310 (0.07 MPa)	B1 220 (0.2 MPa)	14-C 690 (0.35 MPa)
	C1 180 (0.07 MPa)		16 220 (0.35 MPa)
Air pressure measurement	PSI's are specified at the cap	PSI's are specified at the gun inlet	

Fluid Nozzles and Needles

BinksTrophy 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: 0.5 to 2.6 (mm)

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

■ Plastic

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

Size Range: 0.5 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)

Gun Type	Atomization	Coating Types	Needle Material	Tip Size	Air Cap	Order Number
Hand Gun						
Full Size Gravity	LVMP	Thin / Medium	Stainless	1.4 mm	23-L	2466-14LV-23SG
	LVMP	Medium / Heavy	Stainless	1.8 mm	23-L	2466-18LV-23SG
	HVLP	Thin / Medium	Stainless	1.2 mm	32-H	2466-12HV-32SG
	HVLP	Thin / Medium	Stainless	1.4 mm	32-H	2466-14HV-32SG
Full Size Pressure	HVLP	Medium / Heavy	Stainless	1.8 mm	32-H	2466-18HV-32SG
	LVMP	Thin / Medium	Stainless	1.2 mm	23-L	2465-12LV-23SO
	LVMP	Thin / Medium	Stainless	1.4 mm	23-L	2465-14LV-23SO
	LVMP	Thin / Medium	Stainless	1.8 mm	23-L	2465-18LV-23SS
	HVLP	Thin	Stainless	1.0 mm	33-H	2465-10HV-33SO
	HVLP	Thin / Medium	Stainless	1.2 mm	32-H	2465-12HV-32SO
	HVLP	Thin / Medium	Stainless	1.4 mm	32-H	2465-14HV-32SO
	HVLP	Medium / Heavy	Stainless	1.8 mm	32-H	2465-18HV-32SO
	HVLP	Thin / Medium	Stainless	1.8 mm	32-H	2465-18HV-32SS
	Conventional	Thin / Medium / Mold Release / Non-Stick	Stainless	1.4 mm	11-C	2465-14CN-11SO
Conventional	Medium / Heavy	Stainless	1.8 mm	11-C	2465-18CN-11SO	
Full Size Suction	Conventional	Thin / Medium / Adhesives / Non-Stick	Stainless	1.8 mm	12-C	2465-18CN-12SS
Touch Up Gravity	LVMP	Thin	Stainless	1.0 mm	B1	1466-10LV-B1S
	LVMP	Thin / Medium	Stainless	1.2 mm	B1	1466-12LV-B1S
	HVLP	Thin	Stainless	1.0 mm	C1	1466-10HV-C1S
	HVLP	Thin / Medium	Stainless	1.2 mm	C1	1466-12HV-C1S
Touch Up Pressure	HVLP	Thin	Stainless	1.0 mm	C1	1465-10HV-C1S
	HVLP	Thin / Medium	Stainless	1.2 mm	C1	1465-12HV-C1S

Gun Type	Atomization	Coating Types	Needle Material	Tip Size	Air Cap	Order Number
Auto Gun						
Automatic	HVLP	Thin	Stainless	0.85 mm	33-H	2466-14LV-23SG
	HVLP	Thin	Plastic	0.85 mm	31-H	2466-18LV-23SG
	HVLP	Thin	Stainless	1.0 mm	33-H	2466-12HV-32SG
	HVLP	Thin	Plastic	1.0 mm	31-H	2466-14HV-32SG
	HVLP	Thin / Medium	Stainless	1.2 mm	32-H	2466-18HV-32SG
	HVLP	Thin / Medium	Plastic	1.2 mm	31-H	2465-12LV-23SO
	HVLP	Thin / Medium	Stainless	1.4 mm	32-H	2465-14LV-23SO
	HVLP	Thin / Medium	Plastic	1.4 mm	31-H	2465-18LV-23SS
	HVLP	Medium	Stainless	1.6 mm	32-H	2465-10HV-33SO
	HVLP	Medium / Heavy	Stainless	1.8 mm	32-H	2465-12HV-32SO
	LVMP	Thin	Stainless	0.85 mm	22-L	2465-14HV-32SO
	LVMP	Thin	Stainless	1.0 mm	22-L	2465-18HV-32SO
	LVMP	Thin / Medium	Stainless	1.2 mm	23-L	2465-18HV-32SS
	LVMP	Thin / Medium	Stainless	1.4 mm	23-L	2465-14CN-11SO
	LVMP	Medium	Stainless	1.6 mm	23-L	2465-18CN-11SO
	Conventional	Thin	Stainless	1.0 mm	11-C	2465-18CN-12SS
	Conventional	Thin / Medium	Stainless	1.2 mm	11-C	1466-10LV-B1S
	Conventional	Thin / Medium	Stainless	1.4 mm	11-C	1466-12LV-B1S
	Conventional	Medium / Heavy	Stainless	1.8 mm	11-C	1466-10HV-C1S
	Conventional	Heavy	Stainless	2.0 mm	14-C	1466-12HV-C1S
Conventional	Heavy	Stainless	2.2 mm	14-C	1465-10HV-C1S	

BINKS®

TROPHY Series



Application Versatility

Robust Design

Ergonomics



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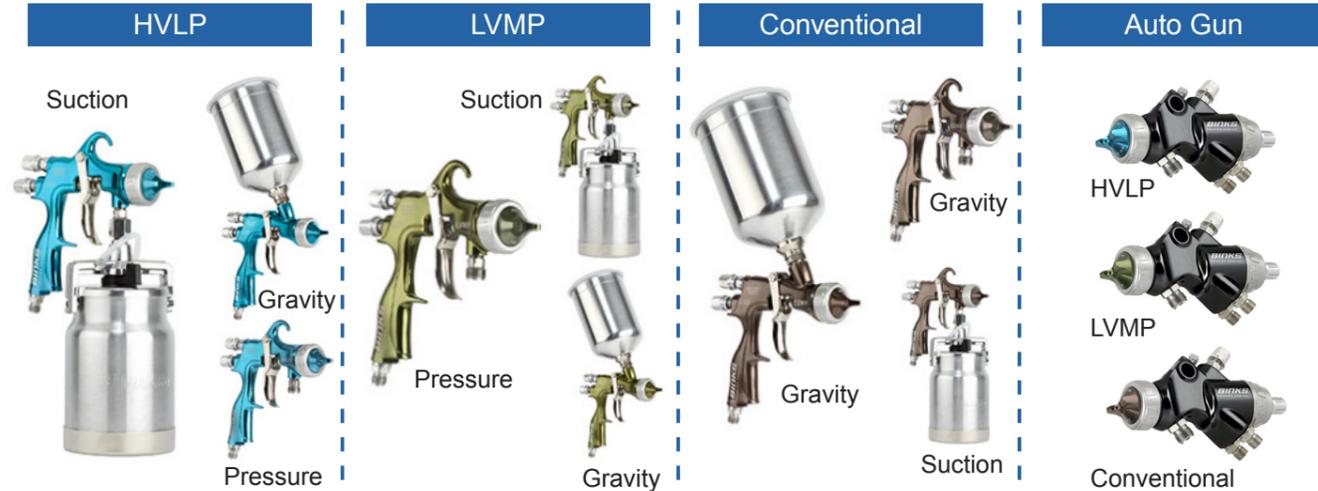
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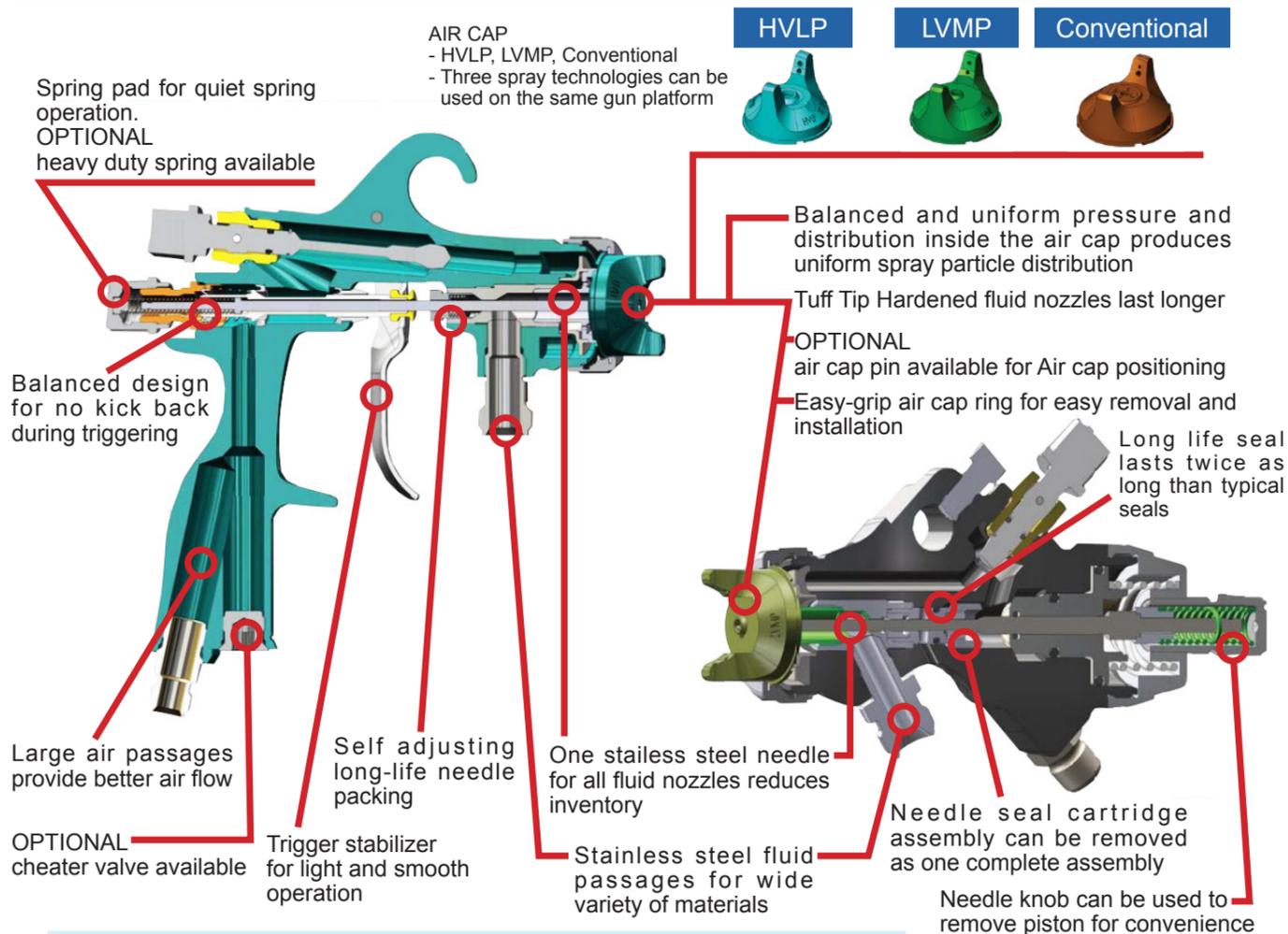
CARLISLE
FLUID TECHNOLOGIES

TROPHY *BINKS* Series Spray Gun

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



ANATOMY



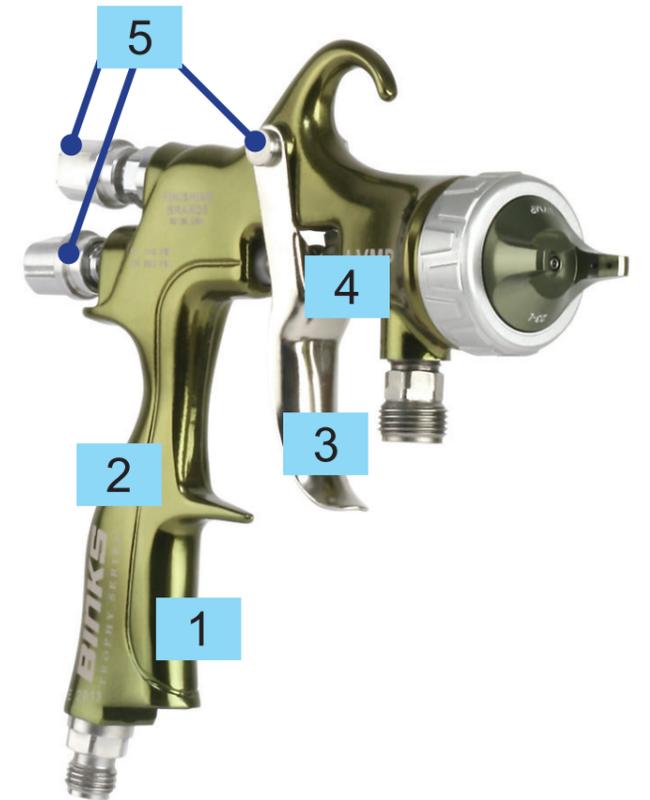
Combined with our comprehensive and compatible fluid nozzle and needles - including our hardened stainless steel TuffTip, plastic needle tips, and tungsten carbide - Trophy series spray equipment is fully capable of spraying the widest range of materials and viscosities.

Why We Took Ergonomics So Seriously

BinksTrophy 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.

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



■ 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...

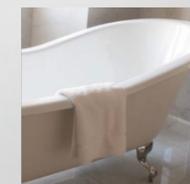
- Toners •Stains •NGR Stains •Topcoats



■ 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