

NEW! Read what finishing professionals are saying about the AA1500!*

BINKS®
A54-67 5/01



Patent Pending

AA1500™ Air Assisted Airless Spray Gun

Higher transfer efficiency for today's highest quality finishing.

 **BINKS®**

AA1500 Air Assisted Airless Spray Gun

A superior finish with reduced overspray and VOC emissions.

The unique tip and air cap design of the new Binks AA1500 Air Assisted Airless Spray Gun allows operators to use lower fluid and air pressure than the competition to achieve a superior finish. This means:

- Better transfer efficiency
- A softer spray pattern
- Less bounceback
- Lower booth maintenance costs
- Less overspray contaminating other parts
- Longer life on wear parts

Specifications

Maximum Fluid Pressure . . . 1500 psi / 105 bar
Maximum Air Pressure 100 psi / 6.8 bar
Gun Body Forged Aluminum
Fluid Path Stainless Steel
Fluid Shut Off Type Stainless Steel Ball
Standard UHMW Seat or Optional Tungsten Carbide
Fluid Inlet Size 1/4" NPS (m) Thread
Air Inlet Size . . . 1/8" NPT (m) x 3/8" O.D. Push-In
Tube Fitting or D.M. Nipple (see "Fittings" below)
Gun Weight 16 oz / 500 g

Simple design means parts changeouts in 3-5 minutes.

- Only 20 replaceable parts
- Component cartridge design for quick and easy repairs
- No special tools needed for repairs
- Low replacement costs on main wear parts (tips, needle/packing cartridge, seats, and air caps)

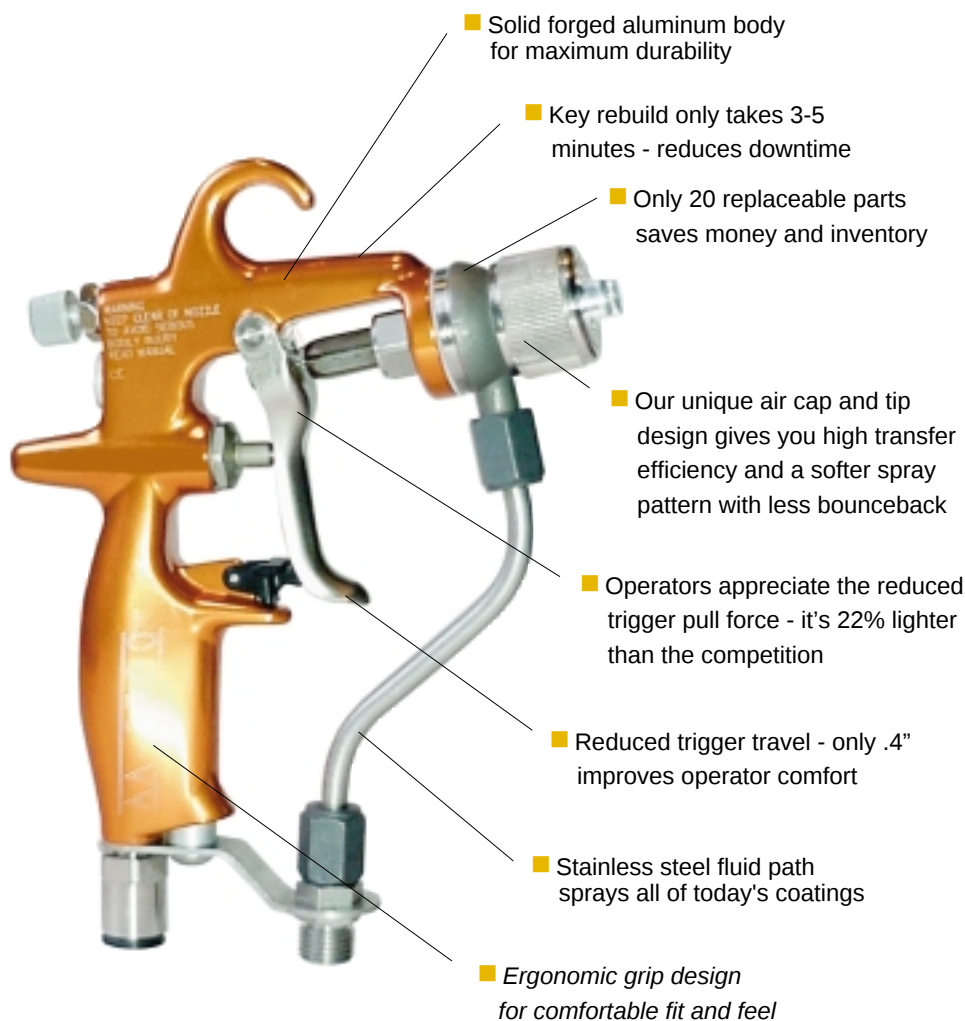


* "This gun is awesome."

Ergonomic design reduces operator fatigue.

Superior ergonomics equals superior economics. The "ergo-logic" design of the Binks AA1500 reduces operator fatigue which increases production rates, improves finish quality, and improves efficiency while reducing the risk of painful and costly CTD's (Cumulative Trauma Disorders).

- Handle designed to fit comfortably in the hand
- Weighs 22% less than closest competitor (16 oz. vs. 20.4 oz.)
- Trigger Pull Tension is 22% lighter than closest competitor (3.2 lbs. vs. 4.1 lbs.)
- Trigger Span/distance for full trigger pull is 33% less than closest competitor (.4" vs. .6")



- * "One of our spray gun operators tested the AA1500 and noticed how much better her arm felt. When she went back to her old spray gun, she suffered arm fatigue in just 2 hours and switched back to the AA1500."
- * "I can now spray material at 200 psi less than my previous air assist airless spray gun, use less fluid, and achieve a superior finish!"
- * "This is the first air assist airless spray gun that has given me 38% material savings over my existing HVLP spray guns."

Accessories

Hoses

PART NUMBER	DESCRIPTION
71-4990	15' Poly Air Tubing 3/8" O.D., 1/4" I.D. w/ Fittings
71-4991	25' Poly Air Tubing 3/8" O.D., 1/4" I.D. w/ Fittings
71-4992	15' 1/8" High Pressure Fluid Hose Assembly
71-4993	25' 1/8" High Pressure Fluid Hose Assembly

Fittings

PART NUMBER	DESCRIPTION
54-4975	1/8" NPT Male x 3/8" O.D. Push-In Tube Fitting, standard
54-4976	1/4" NPT Female x 3/8" O.D. Push-In Tube Fitting, optional
71-28	D.M. Nipple 1/8" NPT(m) x 1/4" NPS(m), alternate

Fluid Seat

PART NUMBER	DESCRIPTION
54-4926	Standard UHMW Fluid Seat
54-4960	Optional Tungsten Carbide Fluid Seat

Fluid Filter

PART NUMBER	DESCRIPTION
103-1241	100 Mesh Inline Filter, 4000 PSI working pressure
54-3655	100 Mesh Gun Mounted Filter, 5800 PSI working pressure

Fluid Regulator

PART NUMBER	DESCRIPTION
845001	Med. Pressure, Regulator with Gauge, 6 gpm. 100 to 800 regular range
845010	Med. Pressure, Regulator without Gauge, 3 gpm. 400 to 1250 regular range

Repair & Cleaning Kits

PART NUMBER	DESCRIPTION
54-4970	Replacement Parts Kit: includes fluid seat, O-ring, front head gasket, needle/packing cartridge, fluid inlet nut, and air valve assembly
54-4994	Cleaning Kit: includes one standard stiff nylon pipe cleaning brush, full-size nylon brush, tip cleaner, and Binks Gunners Mate Lubricant

Spray Tip Selection Charts

PART NUMBER	SIZE	FAN WIDTH *
113-00906	.009	4" – 6"
113-00908	.009	6" – 8"
113-00910	.009	8" – 10"
113-00912	.009	10" – 12"
113-00914	.009	12" – 14"

PART NUMBER	SIZE	FAN WIDTH *
113-01206	.012	4" – 6"
113-01208	.012	6" – 8"
113-01210	.012	8" – 10"
113-01212	.012	10" – 12"
113-01214	.012	12" – 14"

PART NUMBER	SIZE	FAN WIDTH *
113-01506	.015	4" – 6"
113-01508	.015	6" – 8"
113-01510	.015	8" – 10"
113-01512	.015	10" – 12"
113-01514	.015	12" – 14"

PART NUMBER	SIZE	FAN WIDTH *
113-01806	.018	4" – 6"
113-01808	.018	6" – 8"
113-01810	.018	8" – 10"
113-01812	.018	10" – 12"
113-01814	.018	12" – 14"

PART NUMBER	SIZE	FAN WIDTH *
113-02110	.021	8" – 10"
113-02112	.021	10" – 12"
113-02114	.021	12" – 14"
113-02116	.021	14" – 16"

PART NUMBER	SIZE	FAN WIDTH *
113-02410	.024	8" – 10"
113-02412	.024	10" – 12"
113-02414	.024	12" – 14"
113-02416	.024	14" – 16"

PART NUMBER	SIZE	FAN WIDTH *
113-02710	.027	8" – 10"
113-02712	.027	10" – 12"
113-02714	.027	12" – 14"
113-02716	.027	14" – 16"

* Based on 1500 PSI with water. Actual results may vary, depending on material viscosity.

How to Order the AA1500 Spray Gun...

To order a AA1500 Spray Gun **less tip**,
order part number...
1500 - 0000 - 2

To order a AA1500 Spray Gun **with tip**,
order part number...
1500 - 2716 - 2

part specify fan size air cap
number orifice size

For **additional tips**, order by part number...

113 - 02714

part number orifice size fan size

See spray tip selection chart for orifice size and fan size required

Airless Spray Tip - Fluid Flow Rate*

Orifice Size (Inches)	500 PSI oz./min.	1000 PSI oz./min.	1500 PSI oz./min.
VERY THIN - Wash Primers, Dyes, Stains, Solvents, Water, Inks			
.009	4.5	5.7	6.8
.012	9.2	11.7	15.5
THIN - Sealers, Lacquers, Primers, Ink, Zinc Chromate, Acrylics			
.015	13.0	19.0	24.0
MEDIUM - Lacquers, Synthetics, Enamels, Varnishes, Shellacs,			
.018	12.0	19.0	26.0
.021	14.0	24.0	32.0

Flow rate of fluid materials through spray tip, oz./min.

* Based on 1500 PSI with water. Actual results may vary, depending on material viscosity.

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