

The all new Binks AA4400M air assisted airless spray gun has been designed with the operator and environment in mind.

This new gun will handle the toughest spray jobs in all industrial markets whilst providing the best fit, feel and the comfort operators demand. The spray gun is available with either HVLP or Trans-Tech© air caps operating at lower fluid and air pressures than competitors to achieve an exceptionally fine finish with superior paint savings and lower energy consumption.

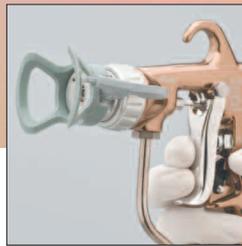
This very versatile hand gun is ideal for spraying wooden products, furniture, heavy plant, commercial vehicle chassis, agricultural machinery, aircraft etc. Operator fatigue and the risk of RSi are considerably reduced due to the light weight, light trigger pull and gun styling.

Typical applications

- **Wooden Joinery and furniture**
- **Off road vehicles**
- **Aircraft**
- **Commercial vehicle chassis**
- **Skips and trailers**

Typical materials

- **Solvent and waterbased materials**
- **Stains, varnishes and lacquers**
- **Inks and dyes**
- **Sealers and undercoats**
- **Synthetic and enamel paints**



AA4400M
by **BINKS®**

Spray fan pattern is adjustable on the gun...

- Unique Trans-Tech or HVLP air caps provide a "Softer fine spray" for superior finish quality and higher transfer efficiency than competitors
- Lightweight and Operator friendly design with lighter trigger pull tension
- Easy to remove "in-line" needle assembly for quick maintenance
 - Adjustable needle packing and "balanced" air valve design
- Solid forged gun body for maximum durability and longer life
 - Stainless steel fluid passages with tungsten carbide seats
 - Gun handles Solvent and Waterborne coatings as standard
- Standard flat tip AND Twist tip cleaner available with a wide range of tips from .007" (0.18mm) to .035" (0.89mm)

AA4400M

by **BINKS**

3 different tip options available:

1. Flat Tip

Premium tips for a uniform spray pattern



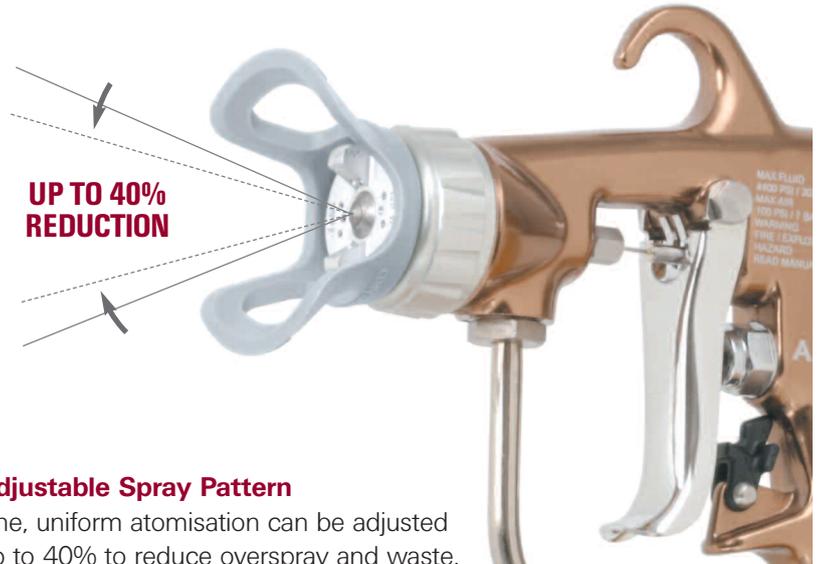
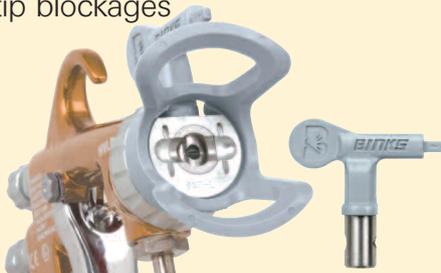
2. Fine Finish Tip

Pre-orifice for best particle distribution and finish



3. Twist Tip

Reduces downtime caused by tip blockages



Adjustable Spray Pattern

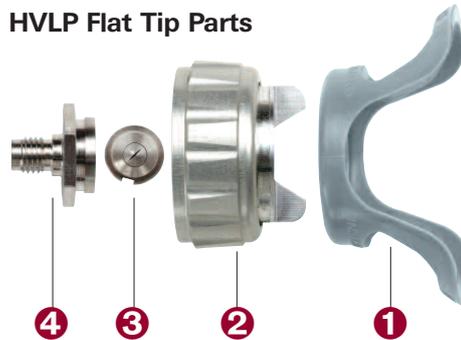
Fine, uniform atomisation can be adjusted up to 40% to reduce overspray and waste.

- Easy to remove "IN-LINE" needle reduces repair time
- One tool trigger removal speeds up assembly and disassembly
- Adjustable needle packing can be tightened without disassembly
- HVLP or Trans-Tech atomisation technologies provide a wider choice of spray options
- Unique Twist Tip option quickly and easily removes blockages.

To change from flat tip to twist tip, you must (see Service Bulletin):

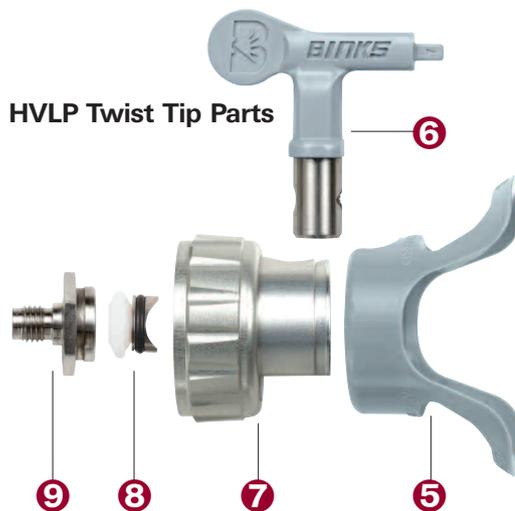
1. Replace Fluid Seat, Air Cap and Tip Guard
2. Add a Twist Tip brace

HVLP Flat Tip Parts



1. Flat Tip Guard (54-5794)
2. Flat Tip Air Cap 9X-H (54-5795-K)
3. Flat Tip (114-xxxx)
4. Tungsten Carbide Seat (54-5799-K)

HVLP Twist Tip Parts



5. Twist Tip Guard (54-5793)
6. Twist Tip (9-xxx-75)
7. Twist Tip Air Cap 9XT-H (54-5796-K)
8. Twist Tip Brace (54-5801-K2)
9. Tungsten Carbide Seat (54-5832-K)

Spray Tip Selection Guides



Our premium tips for a uniform spray pattern.

For additional parts, refer to service bulletins 77-2921 & 77-2922.

To order AA4400M Standard Tips

insert the numbers from the chart into this part number: 114- ----

| PREMIUM FLAT TIP | 2" (51mm) fan width | 4" (102mm) fan width | 6" (152mm) fan width | 8" (203mm) fan width | 10" (254mm) fan width | 12" (305mm) fan width | 14" (356mm) fan width | 16" (406mm) fan width | 18" (457mm) fan width |
|-------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| .007" (0.179mm) orifice | 00702 | 00704 | 00706 | 00708 | | | | | |
| .009" (0.229mm) orifice | 00902 | | 00906 | 00908 | 00910 | 00912 | | | |
| .011" (0.280mm) orifice | | 01104 | 01106 | 01108 | 01110 | 01112 | 01114 | | |
| .013" (0.330mm) orifice | | 01304 | 01306 | 01308 | 01310 | 01312 | 01314 | 01316 | |
| .015" (0.381mm) orifice | | | 01506 | 01508 | 01510 | 01512 | 01514 | 01516 | 01518 |
| .017" (0.432mm) orifice | | | 01706 | 01708 | 01710 | 01712 | 01714 | 01716 | 01718 |
| .019" (0.483mm) orifice | | | 01906 | 01908 | 01910 | 01912 | 01914 | 01916 | 01918 |
| .021" (0.533mm) orifice | | | | | 02110 | 02112 | 02114 | 02116 | 02118 |
| .024" (0.610mm) orifice | | | | | 02410 | 02412 | 02414 | 02416 | 02418 |
| .027" (0.686mm) orifice | | | | | 02710 | 02712 | 02714 | 02716 | 02718 |

Fan width based on 1000 PSI with water 12" (300mm) from surface. Actual results may vary, depending on material viscosity.

To order AA4400M Fine Finish Flat Tips

insert the numbers from the chart into this part number: 9- ---- -F

| FINE FINISH FLAT TIP | 9" (229mm) fan width | 11" (280mm) fan width | 13" (330mm) fan width | 15" (381mm) fan width | 17" (432mm) fan width |
|-----------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| .009" (0.229mm) orifice | 0909 | 0911 | | | |
| .011" (0.280mm) orifice | 1109 | 1111 | 1113 | 1115 | |
| .013" (0.330mm) orifice | 1309 | 1311 | 1313 | 1315 | |
| .015" (0.381mm) orifice | 1509 | 1511 | 1513 | 1515 | 1517 |
| .017" (0.432mm) orifice | 1709 | 1711 | 1713 | 1715 | 1717 |

Fan width based on 1000 PSI with water 12" (300mm) from surface. Actual results may vary, depending on material viscosity.



Includes a pre-orifice for the best particle distribution.



To order AA4400M Twist Tips

insert the numbers from the chart into this part number: 9- ---- -75

| TWIST TIP | 6" (152mm) fan width | 8" (203mm) fan width | 10" (254mm) fan width | 12" (305mm) fan width | 14" (356mm) fan width |
|-------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| .007" (0.179mm) orifice | 307 | | | | |
| .009" (0.229mm) orifice | 309 | 409 | 509 | | |
| .011" (0.280mm) orifice | 311 | 411 | 511 | 611 | |
| .013" (0.330mm) orifice | 313 | 413 | 513 | 613 | 713 |
| .015" (0.381mm) orifice | 315 | 415 | 515 | 615 | 715 |
| .017" (0.432mm) orifice | | 417 | 517 | 617 | 717 |
| .019" (0.483mm) orifice | | 419 | 519 | 619 | |
| .021" (0.533mm) orifice | | | 521 | 621 | |
| .023" (0.610mm) orifice | | | 523 | 623 | |
| .025" (0.636mm) orifice | | | 525 | 625 | |
| .027" (0.686mm) orifice | | | | 627 | |
| .035" (0.890mm) orifice | | 435 | | | |

Fan width based on 2200 PSI with acrylic paint 12" (300mm) from surface. Actual results may vary, depending on material viscosity.



Turns to remove blockages quickly and easily.

When converting from flat tip to twist tip, increase pattern size by 2" and use air adjustment to turn down to original size.

Accessories

| Description | Order Number |
|---|--------------|
| 60 mesh* (kit of 5) | 54-5788-K5 |
| 100 mesh (kit of 5) | 54-5789-K5 |
| Fluid Inlet Swivel (1/4"m x 1/4"f) | 72-2332 |
| Air Inlet push in tube fittings | 54-5830-K3 |
| Tungsten Carbide Seat Flat Tip | 54-5799-K |
| Tungsten Carbide Seat Twist Tip | 54-5832-K |
| Trans-Tech Air Cap Flat Tip (Cap code 9X-L) | 54-5797-K |
| Trans-Tech Air Cap Twist Tip (Cap code 9XT-L) | 54-5798-K |

*60 mesh filters come standard with all guns.

Specification

| | |
|----------------------------|--------------------|
| Air and fluid inlet thread | 1/4" Universal (M) |
| Fluid passageways | stainless steel |
| Gun weight | 490 gm |
| Gun body | forged aluminium |
| Max working fluid pressure | 303 bar (4400 psi) |
| Max air inlet pressure | 6.8 bar (100 psi) |
| Seat | tungsten carbide |

Inline paint filter insert available in two sizes:

* 60 mesh (kit of 5) pt. no. 54-5788-K5 and
100 mesh (kit of 5) pt. no. 54-5789-K5

*Fitted as standard with all guns.

AA4400M gun part numbers

| | |
|------------------|--|
| 0909-4400-HF0000 | AA4400M Air assisted airless hand gun with HVLP air cap (Flat tip not included) |
| 0909-4400-LF0000 | AA4400M Air assisted airless hand gun with Trans-Tech air cap (Flat tip not included) |
| 0909-4400-HT0000 | AA4400M Air assisted airless hand gun with Twist Tip cleaner & HVLP air cap (no tip) |
| 0909-4400-LT0000 | AA4400M Air assisted airless hand gun with Twist Tip cleaner & Trans-Tech air cap (no tip) |



Part number **AA4400M-75**

AA4400M Air Assisted Airless Spray Gun with air cap, tip and 7.5 metre AirFluid Hose for use with standard Binks MX & HP pump outfits.

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