

BINKS MX LITE

5:1, 12:1, 31:1 and 32:1 / 4 and 12 litres per minute
Air Assisted Airless and Airless Spray Packages

Fully complete and ready to spray

BINKS®



Patented Air Valve Technology

Enables pump to change over quickly to significantly reduce pulsation

Long Lasting Ceramic Coated Piston Rods

Superior wear resistance lasting up to three times longer than hard chrome pistons

Designed To Pump Longer With Less Downtime & Extended Packing Life

Self-adjusting spring loaded fixed packings last up to 3X longer than the competition. Large sight glass for visual packing inspection

Air Assisted Airless HVLP & A75 guns provide the latest atomisation technology

Stainless Steel system—pump and gun

5 Year Limited Warranty

Best in class warranty for finishing equipment. Manufactured to ISO9001

The Binks MX LITE spray packages include the Binks Stainless Steel MXL high pressure pumps with Binks AA4400M Air Assisted Airless or A75 Airless Spray Guns.

MX LITE outfits have been designed to provide users with a low cost, robust industrial spray outfit, able to apply a wide range of industrial coatings whilst providing the very best quality of spray finish.

Typical Applications

- Joinery/Furniture & Woodworking
- Aerospace / Aviation
- Off Road Vehicles
- Metal Fabrication
- Truck/Trailer & Chassis Makers
- Plus many others...

Suitable For These Materials

- Wood-Stains, Lacquers & Varnishes
- Primers, Sealers & Catalysed Lacquers
- Solvent OR Waterborne Coatings
- Enamels & Polyurethane's
- Plus many others...

MX LITE is constructed to take the "Knocks and Bumps" whilst delivering the very best spray quality.

Models shown (left to right):

MXL432PU-T-FG-ACG

MXL432PU-T-ACG

MXL1231PU-C-ALG

MXL432PU-W-F-ACG

BINKS MX Lite

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Quality Passport for Binks MX LITE Pumps:

Modular construction means reduced number of parts for easy and fast maintenance.

- All wetted parts are Stainless Steel—Ideal for use with solvent and water based paints/materials
- Fixed, spring tension packings—Lower maintenance and reduced running costs
- All valve seats are Tungsten Carbide – Long durable working life
- Ceramic coated piston—Extra wear resistance, longer packing life.
- Pump packings PTFE/UHMWPE mix (other packing choices available).



Airless 75 with External Stainless Steel Tube - Pt. No. 0811 - 7500 - 1

MX LITE Packages include:-

Binks MXL pump mounted on tripod/wall/cart/pail with gun, air and pump fluid controls. 7.5 metre Air and Fluid Hoses. AA4400M* or A75 Spray Gun and Tip with gun mounted stainless steel edge type fluid filter. (*Tip size to be specified at time of order)

Binks AA4400M spray gun – The best “fit and feel” of any AAA gun around

- 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 tips, fine finish tips and twist tip cleaner available with a wide range of tips from .007” (0.18mm to .35” (0.89mm).



Pt No. 0909-4400-10000E AA4400M AAA GUN with AA10 Air Cap



BINKS MXL SERIES 5-YEAR WARRANTY

Binks® warrants to the original end-use purchaser that the Binks branded products “MXL” shall not fail under normal use and service due to a defect in material or workmanship within five (5) years from the date of shipment from Binks. Does not include normal wear and tear parts.

For further technical information refer to the Binks MX LITE AA4400M or A75 Service Bulletins.

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**

Gun Specification	AA4400M	A75
Air/fluid inlet thread	1/4" Universal (M)	1/4" NPS
Fluid passageways	Stainless Steel	Stainless Steel
Gun weight	490g	660g
Gun body	Forged Aluminium	Anodised Aluminium
Max working fluid pressure	303 bar (4400 psi)	571 bar (7500 psi)
Max air inlet pressure	6.9 bar (100 psi)	–
Seat	Tungsten Carbide	–
Stainless steel inline paint filter	100 mesh	–

Pump Specification	MXL 4/12	MXL 4/32	MXL 12/05	MXL 12/12	MXL12/31
Ratio	12:1	32:1	4.8:1	12:1	31:1
Max inlet pressure	8.0 bar (116 psi)	8.0 bar (116 psi)	8.0 bar (116 psi)	8.0 bar (116 psi)	8.0 bar (116 psi)
Flow rate nominal	1.4 l/min	1.4 l/min	4.3 l/min	4.3 l/min	4.3 l/min
Flow rate max	4.0 l/min	4.0 l/min	12 l/min	12 l/min	12 l/min
Volume/Cycle	24 cm ³	24 cm ³	72 cm ³	72 cm ³	72 cm ³
Max operating pressure	96 bar (1390 psi)	256 bar (3600 psi)	39 bar (557 psi)	96 bar (1390 psi)	248 bar (3595 psi)
Cylinder Diameter	55 mm	85 mm	55 mm	85 mm	140 mm
Piston Stroke	75 mm	75 mm	75 mm	75 mm	75 mm
Air consumption @ 20 cycles/min	62.5 l/min	147 l/min	62.5 l/min	147 l/min	498 l/min

MX Lite Ordering Information

MXL **A** **B** - **C** - **D** - **E**

A PUMP TYPE

- 1205 = 12 l/min - Ratio 5:1
- 1212 = 12 l/min - Ratio 12:1
- 1231 = 12 l/min - Ratio 31:1
- 412 = 4 l/min - Ratio 12:1
- 432 = 4 l/min - Ratio 32:1

B PACKINGS

- PU = PTFE/UHMWPE *Supplied as standard*
- PL = PTFE/Leather
- PP = PTFE/PTFE *Excl. 1205*
- UC = U-Cups

C MOUNTING TYPE

- W = Wall
- C = Cart
- T = Tripod *412 & 432 Only*
- P = Pail *432 Only*

D OPTIONS

- = No Filter *Leave blank*
- F = Filter *100 Mesh*
- G = Gravity Hopper *432(W or C or T) Only*
- FG = Filter & Hopper *432(W or C or T) Only*

E TECHNOLOGY

- AC = Air Assisted Airless Controls
- ACG = AAA with A4400M Spray Gun + 7.5m Hoses
- AL = Airless Controls *1231PU / 432PU Only*
- ALG = Airless with A75 Spray Gun + 7.5m Hoses *1231PU / 432PU Only*



Premium fine finish and twist tip range available



Optional dump valve adaptation kit for outfits without filters. Pt No. 0115-010672



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