

# BINKS MX SERIES

## Airless and Air Assisted Airless Spray Outfits



Binks MX3536, MX3042, MX3560, and MX3070 have the heavy duty pumping power for Protective Coating and Corrosion Control Applications



### Binks MX Series Airless and Air Assisted Airless Spray Outfits

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#### Patented Air Valve Technology

Enables pump to change over quickly to significantly reduce pulsation

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#### Long Lasting Ceramic Coated Piston Rods

Resists wear from highly abrasive fluids and lasts up to 3X longer than hard chrome pistons

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#### Extended Packing Life

Spring Loaded fixed packings last up to 3X longer than the competition

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#### Designed to pump longer with less downtime

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#### 5 Year Limited Warranty

Best in Class warranty for Finishing Equipment

**Binks MX Pumps** are a completely new design in air operated pump technology utilizing a patented magnetic detents to provide fast changeover with virtually no pulsation. The result is paint delivery with less pulsation for a more consistent finish.

The MX pumps are available in ratios of 35:1, 42:1, 60:1, 70:1 with output of 3.0 GPM or 3.5 GPM. The MX pistons are Ceramic coated which is the most durable surface available for resisting wear to highly abrasive materials.

#### RECOMMENDED MATERIALS

- Solvent coatings
- Waterborne coatings
- Zinc rich primers and paints
- Cold tar epoxies
- High solids epoxies and urethanes
- Plural component enamels and polyurethanes

*And many others*


#### TYPICAL APPLICATIONS

- Corrosion protection
- Steel fabrications and structures
- Pipe and storage tank
- Marine and ship building
- Off road vehicles
- Truck, bus, trailer, railcar, and chassis manufacturers



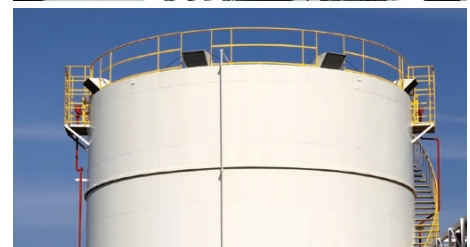
Binks engineering reinvents and simplifies 2-Ball piston pumping technology to deliver one of the most rugged and user-friendly products on the market today, with many standard features vs. the competition.

### BINKS MX SERIES FEATURES

Binks MX Series Feature	Standard	Competition*
<b>Long Lasting Ceramic Coated Piston Rods</b> Resists wear from highly abrasive fluids and lasts up to 3X longer than hard chrome	✓	No
<b>Extended Packing Life</b> Spring loaded fixed packings last up to 3X longer than the competition	✓	No
<b>Low/No Ice</b> Operate 2.5X longer than the competition	✓	No
<b>Patented Air Valve Technology</b> Enables pump to change over quickly without pulsing	✓	No
<b>Lubricant Free Air Motor and Valve Design</b> Reduces Maintenance and simplifies operation	✓	No
<b>5 Year Limited Warranty</b> 	✓	No
<b>Low Noise</b> <78 dBA at 80 psi air inlet pressure	✓	No
<b>Carbon or Stainless Steel Construction</b>	✓	No

\* Comparison to major airless pump manufacturer

*MX HD pumps are designed to operate at longer intervals in between repairs and reduce the overall cost of ownership*



### BINKS MX SERIES PERFORMANCE DATA

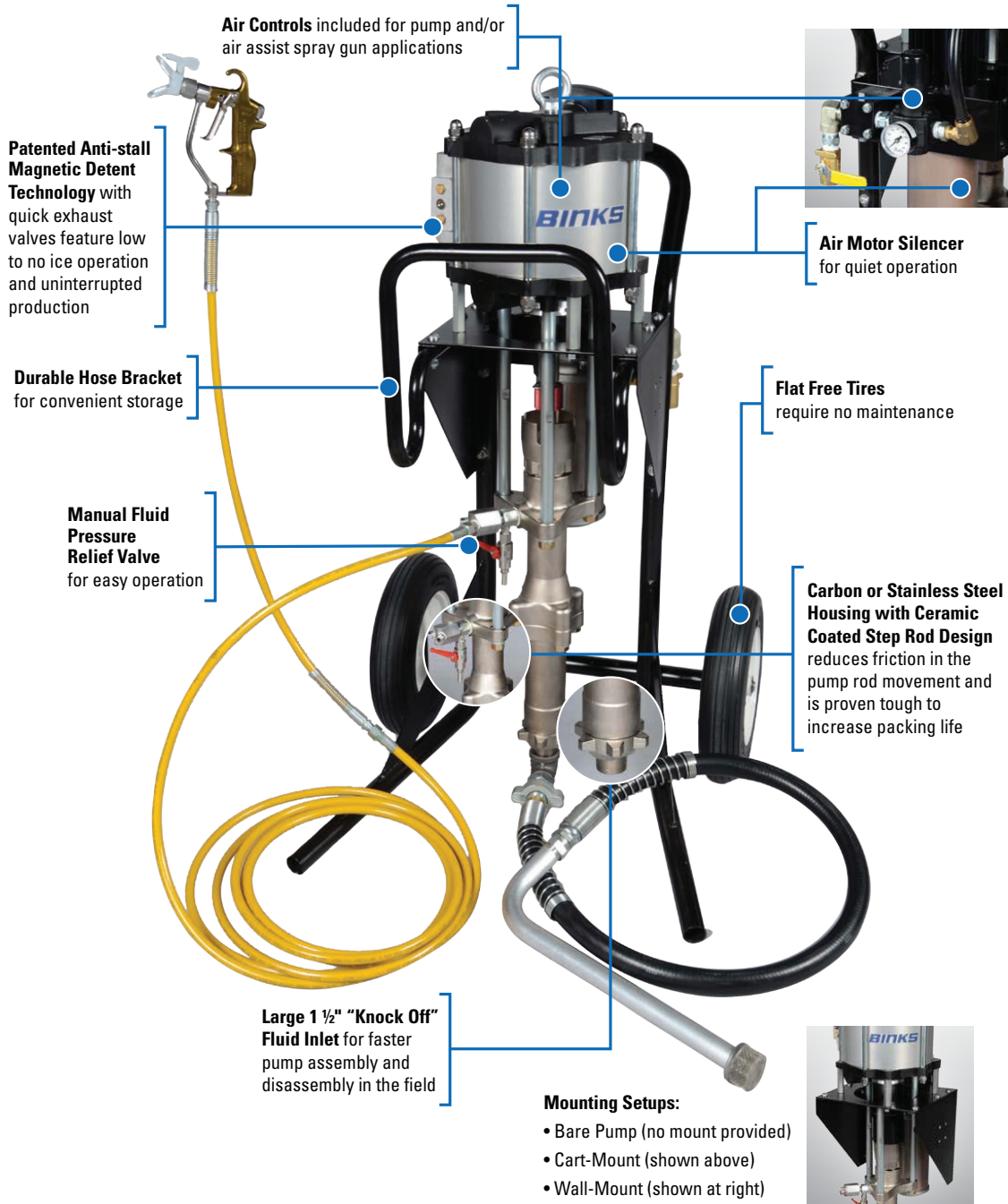
Binks MX Series Pump	MX3536	MX3042	MX3560	MX3070
Ratio	36:1	42:1	60:1	70:1
Max. Inlet Pressure	116 psi [8 bar]	101.5 psi [7 bar]	116 psi [8 bar]	101.5 psi [7 bar]
Flow Rate @ 15 cycles (continuous)	.875 gpm [3.31 l/m]	.75 gpm [2.84 l/m]	.875 gpm [3.31 l/m]	.75 gpm [2.84 l/m]
Flow Rate @ 60 cycles (continuous)	3.5 gpm [13.2 l/m]	3.0 gpm [11.4 l/m]	3.5 gpm [13.2 l/m]	3.0 gpm [11.4 l/m]
Volume cycle	7.4 oz [220 CC]	6.4 oz [190 CC]	7.4 oz [220 CC]	6.4 oz [190 CC]
Max Fluid Pressure	4,176 psi [288 bar]	4,263 psi [294 bar]	6,960 psi [480 bar]	7,105 psi [490 bar]
Cylinder Diameter	7.87 in [200mm]	7.87 in [200mm]	10 in [260 mm]	10 in [260 mm]
Piston Stroke	5 in [127mm]	5 in [127mm]	5 in [127mm]	5 in [127mm]
Noise Level	NA	NA	80 dB(a)*	80 dB(a)*
Operation Manuals	77-2963	77-2963	77-2960	77-2960

\* Noise level recorded while pump was running at 80 psi [5.5 bar] @ 10 cycles per minute





*Shown: Binks MX Cart-Mount Outfit with Airless 75 spray gun, 25' airless hose, 5' whip hose and 5 gal. siphon kit.*



## MX SERIES ACCESSORIES, SPARES AND KITS

Binks MX Accessories and Spares	MX3042	MX3536	MX3560	MX3070
Airless 75 Gun with Stainless Steel Fluid Tube	0811-7500-1			
Airless 75 Gun Direct Connect	0811-7500-2			
Airless 75 Gun Direct Connect large passage	0811-7500-3			
Cart Assembly	41-28280-200	41-28280-MX		
Wall Bracket Assembly	104116	104095		
Silencer	192509			
Binks Micro-Swivel 1/4" NPS (F) to 1/4" NPS (M) (7,550 psi)	72-2332			
Binks Micro-Swivel 1/4" NPS (F) to 3/8" NPS (M) (7,550 psi)	72-2333			
High Pressure Filter Elements				
30 Mesh	0114-014917			
50 Mesh	0114-014886			
70 Mesh	0114-014884			
100 Mesh	0114-014883			
Air Motor Spares Kit				
Seal Kit	250703	250645		
Cylinder Seal Kit	250702	250648		
Hardware Kit	250701	250650		
Air Valve Repair Kit	250649			
Exhaust Seal Kit	250651			
Fluid Section Repair Kit				
Fluid Section Rebuild Kit	250665	250661	250661	250665
Fluid Section Seal Kit	250663	250659	250659	250663

Air Assist Airless packages are available by contacting Binks Customer Service.

## MX SERIES ORDERING INFORMATION

MX3560 60:1 pump carbon steel lower fluid section with PTFE/UHMW packings sold with a 100 mesh filter, 5-gal siphon kit, Airless 7500 gun w/fluid tube no tip, 50' airless hose with 5' whip hose.

\*Specify tip separately when ordering

**A B C D E F G H**

**MX 35 60 PU- C A C 1 S 1 2**

### A OUTPUT

30 = 3.0 GPM  
35 = 3.5 GPM

### B RATIO

36 = 36:1  
42 = 42:1  
60 = 60:1  
70 = 70:1

### C MATERIAL

C = Carbon Steel  
S = Stainless Steel

### D MOUNTING

C = Cart  
W = Wall

### E FILTER

1 = 100 Mesh  
3 = 30 Mesh  
5 = 50 Mesh  
7 = 70 Mesh

### F SIPHON

0 = None  
S = 5 Gallon  
T = 55 Gallon

### G GUN

0 = No Gun  
1 = Airless 75  
0811-7500-1

### H HOSE

0 = None  
2 = 25 Feet  
5 = 50 Feet



### BINKS MX SERIES 5-YEAR WARRANTY

Binks® warrants to the original end-use purchaser that the Binks branded products "MX" 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 please refer to the Binks MX Series Service Bulletins, 77-2960 and 77-2963.

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

Binks International Offices

Americas: **USA** ▪ **Mexico** ▪ **Brazil**

Europe/Asia/Africa: **United Kingdom** ▪ **France** ▪ **Germany**

Pacific Rim: **China** ▪ **Japan** ▪ **Australia**

www.finishingbrands.com

email: marketing@finishingbrands.com

