

# BINKS MX SERIES

Airless Spray Outfits

**FLUID HANDLING**



Heavy Duty Pumping Power  
for Protective Coating and  
Corrosion Control Applications



## Binks MX Series Airless Spray Outfits

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.

### TYPICAL MATERIALS & APPLICATIONS

- 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*



STEEL FABRICATIONS AND STRUCTURES



PIPE AND STORAGE TANKS




MARINE AND SHIP BUILDING



LARGE VEHICLES, TRAILERS, RAILCARS AND CHASSIS MANUFACTURERS

### BINKS MX SERIES FEATURES

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



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

\* Comparison to major airless pump manufacturer



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

**Air Controls** included for pump and/or air assist spray gun applications

**Patented Anti-stall Magnetic Detent Technology** with quick exhaust valves feature low to no ice operation and uninterrupted production

**Air Motor Silencer** for quiet operation

**Durable Hose Bracket** for convenient storage

**Carbon or Stainless Steel Housing with Ceramic Coated Step Rod Design** reduces friction in the pump rod movement and is proven tough to increase packing life

**Manual Fluid Pressure Relief Valve** for easy operation

**Flat Free Tires** require no maintenance

**Large 1 1/2" "Knock Off" Fluid Inlet** for faster pump assembly and disassembly in the field

**Mounting Setups:**

- Bare Pump (no mount provided)
- Cart-Mount (shown above)
- Wall-Mount (not shown)

**BINKS MX SERIES PERFORMANCE DATA**

BINKS MX SERIES PUMP	MX3042	MX3560	MX3070
Ratio	42:1	60:1	70:1
Max. Inlet Pressure	101.5 psi [7 bar]	116 psi [8 bar]	101.5 psi [7 bar]
Flow Rate @ 60 cycles (continuous)	3.0 gpm [11.4 l/m]	3.5 gpm [13.2 l/m]	3.0 gpm [11.4 l/m]
Volume Cycle	6.4 oz [190 CC]	7.4 oz [220 CC]	6.4 oz [190 CC]
Max Fluid Pressure	4,263 psi [294 bar]	6,960 psi [480 bar]	7,105 psi [490 bar]
Cylinder Diameter	7.87 in [200mm]	10 in [260 mm]	10 in [260 mm]
Piston Stroke	5 in [127mm]	5 in [127mm]	5 in [127mm]

**MX SERIES ACCESSORIES, SPARES AND KITS**

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**

	MX3042	MX3536	MX3560	MX3070
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**

	MX3042	MX3536	MX3560	MX3070
Fluid Section Rebuild Kit	250665	250661	250661	250665
Fluid Section Seal Kit	250663	250659	250659	250663

**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**

O = None  
 S = 5 Gallon  
 T = 55 Gallon

**G GUN**

O = No Gun  
 1 = Airless 75 Fluid Tube 0811-7500-1  
 5 = Airless 75 Large Passage 0811-7500-3

**H HOSE**

O = 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.**



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