Binks

Binks MX Series

Airless Spray Outfits

- Heavy duty pumping power for protective coating and corrosion control applications

FLUID HANDLING

Binks MX Series Airless Spray Outfits

Binks MX Pumps are a completely new design in air operated pump technology.

Binks MX Pumps utilize 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 displacement rod is ceramic coated which is the most abrasion-resistant surface available for materials containing high solids.

COATING TYPES AND APPLICATIONS

- Solvent coatings
- Waterborne coatings
- Zinc rich primers and paints
- Cold tar epoxies
- High solids epoxies and urethanes
- Plural component enamels and polyurethanes
- 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*
Long-Lasting Ceramic Coated Piston Rods Resists wear from highly abrasive fluids and lasts up to 3X longer than hard chrome	X	No
Extended Packing Life Spring loaded fixed packings last up to 3X longer than the competition	X	No
Low/No Ice Operate 2.5X longer than the competition	X	No
Patented Air Valve Technology Enables pump to change over quickly without pulsing	X	No
Lubricant-Free Air Motor and Valve Design Reduces maintenance and simplifies operation	X	No
5-Year Limited Warranty	X	No
Low Noise <78 dBA at 80 psi air inlet pressure	X	No

* Comparison to major airless pump manufacturer

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

Binks MX Series Airless Spray Outfits

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

Air Controls for simple control of 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 displacement rod friction for durability and increased packing life

Manual Fluid Pressure Relief Valve for easy and safe operation

Flat Free Tires require no maintenance

Large 1 ½" "Knock Off" Fluid Inlet for faster pump assembly and disassembly in the field

Mounting Setups:

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

BINKS MX SERIES PERFORMANCE DATA

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 [260mm]	10 in [260mm]
Piston Stroke	5 in [127mm]	5 in [127mm]	5 in [127mm]

Binks MX Series Airless Spray Outfits

Heavy Duty Pumping Power for Protective Coating and Corrosion Control Applications

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

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 Fluid Tube 0811-7500-1
- **5** = Airless 75 Large Passage 0811-7500-3

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.