

Fluid Delivery *Low Pressure Pumps*

Binks Gemini II Double Diaphragm Pumps

Binks Gemini II Diaphragm Pumps are the premier pumps for spraying, transferring, or circulating a variety of coatings. The pump design provides consistent spray patterns for high quality finish applications. The Gemini II pumps are rugged and designed to provide longer pump life.

- **Up to 38% More Fluid Delivery Per Stroke**
Longer equipment life and lower maintenance costs
- **Short Stroke Pump Specifically Designed for Spraying Applications**
Pulsation reduction is greater than competition
- **Customized Pump Packages**
Design a pump package for a specific application
- **Pump Outfits Available with Trophy Guns**
Trophy guns feature a new lightweight and ergonomic design
- **5-Year Limited Product Warranty**
The finishing industry's best warranty



BINKS
1:1 Ratio 1/2" Acetal,
Pail Mounted,
Dual Air Control, Filter,
Agitator, Siphon Hose
PART NO.: GEM2-P2D1D20



BINKS
1:1 Ratio 1/2" Acetal,
Drum Mounted,
Dual Air Control,
Agitator, Siphon Hose
PART NO.: GEM2-D2D0D10



BINKS
1:1 Ratio 1/2" Acetal,
Wall Mounted,
Dual Air Control,
Suction Hose Assembly
PART NO.: GEM2-W2D0040

Additional information for Gemini II Series Pumps and outfits available in catalog A41-108.

Binks Pogo Plus Low Pressure Pumps For High Volume Fluid Transfer & Spray Applications



Pogo Plus series, two-ball, double acting piston "stick" pumps are designed for the application and transfer of low-medium viscosity fluids. Models are available in Stainless Steel with either PTFE or UHMWE packings and are compatible with a wide variety of materials including water or solvent-borne paints and adhesives and most solvents. Pogo Plus pumps have a 4:1 ratio and are available with maximum pressure ratings of 290 psi or 500 psi.

- **Patented Air Motor Design**
Utilizes AX55 air motor to provide quick changeover and reduced pulsation
- **Durable Pump Design**
Reduces maintenance cost
- **Customized Pump Packages**
Design a pump package for a specific application
- **Pump Outfit Available with Trophy Gun**
Trophy guns feature a new lightweight and ergonomic design
- **5-Year Limited Product Warranty**
The finishing industry's best warranty

SPRAY FINISHING OUTFITS		
Outfit	98-3063	98-3062
Pump	PX1304-5U	PX1304-5U
Gun	Trophy Conventional 2465-18CN-11S0	2100 66SS x 66SD-3
Air Control	41-28272	41-28272
Air Hose 25 ft.	71-4803	71-4803
Fluid Hose 25 ft.	71-3303	71-3303
Drum Bung Adaptor	41-28331	41-28331

POGO PLUS PUMP PERFORMANCE				
	PX1304-5U	PX1304-5P	PX1304-8U	PX1304-8P
Pressure Ratio	4:1	4:1	4:1	4:1
Air Inlet Pressure (bar)	0-72.5 psi (5)	0-72.5 psi (5)	0-116 psi (8)	0-116 psi (8)
Fluid Pressure (bar)	0-290 psi (20)	0-290 psi (20)	0-500 psi (34)	0-500 psi (34)
Cycles Per Gallon	47	47	47	47
Displacement Per Cycle	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)
Flow @ 60 Cycles/Min	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)
Packing Material	UHMW	PTFE	UHMW	PTFE



Fluid Delivery Air Assisted Airless Medium Pressure Pumps

BINKS™ MX SERIES PISTON PUMPS

- 12:1 and 32:1 ratio packages
- .4 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Designed for single gun applications
- Cart, tripod or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose

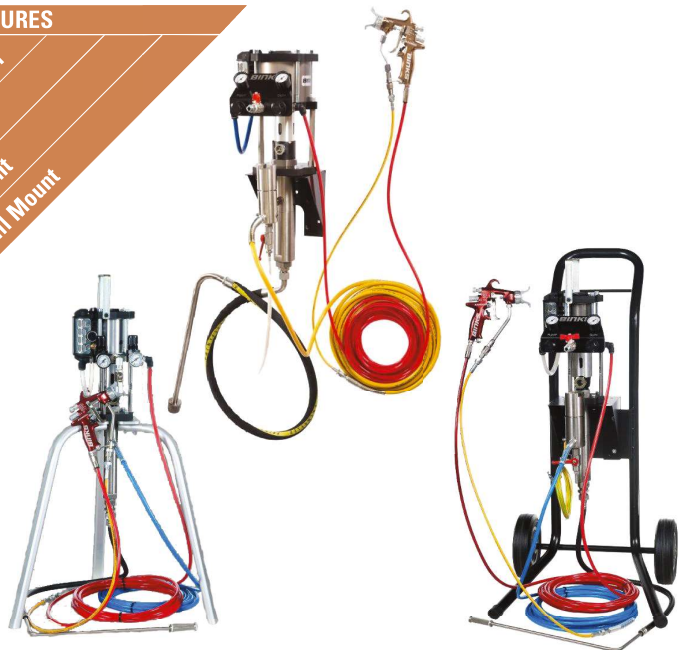


Standard Outfits

Model	FEATURES															
	GPM at 60 cycles/min	Ratio	UHMWPE	PTFE/UHMWPE U-Cup Seal	AA1600M Spray Gun with 114-D1310 Flat Tip	AA1600M Spray Gun with 114-D1310 Twist Tip	A4400M Spray Gun with 114-D1310 Flat Tip	A4400M Spray Gun with 114-D1310 Twist Tip	Air Assist Airless Air Control	Cart Mount	Tripod Mount	Wall Mount	Stainless Steel Filter	5 Gallon Siphon	25' of Fluid and Air Hose	
MX412UC-EDC1S25	0.4	12:1	■	■				■	■			■	■	■	■	
MX412UC-FDC1S25	0.4	12:1	■		■			■	■			■	■	■	■	
MX412UC-EDT1S25	0.4	12:1	■	■				■		■		■	■	■	■	
MX412UC-FDT1S25	0.4	12:1	■		■			■		■		■	■	■	■	
MX412UC-EDW1S25	0.4	12:1	■	■				■		■	■	■	■	■	■	
MX412UC-FDW1S25	0.4	12:1	■		■			■		■	■	■	■	■	■	
MX432PU-GDC1S25	0.4	32:1		■		■		■	■			■	■	■	■	
MX432PU-HDC1S25	0.4	32:1		■			■	■	■			■	■	■	■	
MX432PU-GDT1S25	0.4	32:1		■		■		■		■		■	■	■	■	
MX432PU-HDT1S25	0.4	32:1		■			■	■		■		■	■	■	■	
MX432PU-GDW1S25	0.4	32:1		■		■		■		■	■	■	■	■	■	
MX432PU-HDW1S25	0.4	32:1		■			■	■		■	■	■	■	■	■	

Special Ordering Options

Model	FEATURES															
	GPM at 60 cycles/min	Ratio	UHMWPE	PTFE/UHMWPE U-Cup Seal	AA1600M Spray Gun with 114-D1310 Flat Tip	AA1600M Spray Gun with 114-D1310 Twist Tip	A4400M Spray Gun with 114-D1310 Flat Tip	A4400M Spray Gun with 114-D1310 Twist Tip	Air Assist Airless Air Control	Cart Mount	Tripod Mount	Wall Mount	Stainless Steel Filter	5 Gallon Siphon	25' of Fluid and Air Hose	
MX412UC-0DC0000	0.4	12:1	■		■	■										
MX412UC-0DT0000	0.4	12:1	■		■					■						
MX412UC-0DW0000	0.4	12:1	■		■									■		
MX412UC	0.4	12:1	■													
MX412PU-0DW0000	0.4	12:1		■	■									■		
MX412PU	0.4	12:1		■												
MX432PU-0DC0000	0.4	32:1		■	■	■										
MX432PU-0DT000	0.4	32:1		■	■					■						
MX432PU-0DW0000	0.4	32:1		■	■									■		
MX432PU	0.4	32:1		■												
MX432UC-0DW0000	0.4	32:1	■		■									■		
MX432UC	0.4	32:1	■													



Fluid Delivery *Air Assisted Airless Medium Pressure Pumps*

BINKS **MX** SERIES PISTON PUMPS

- 12:1 and 31:1 ratio packages
- 1.2 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Supports 1-2 guns in air assisted airless applications
- Cart or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose



Standard Outfits

Model	GPM at 60 cycles/min		FEATURES									
	Ratio		UHMWPE U-Cup Seal	PTFE/UHMWPE Packings	AA1600M Spray Gun with 114-01310 Flat Tip	AA1600M Spray Gun with 114-01310 Twist Tip	AA4400M Spray Gun with 114-01310 Flat Tip	Air Assist Airless Air Control	Cart Mount	Wall Mount	Stainless Steel Filter	5 Gallon Siphon
MX1212UC-EDC1S25	1.2	12:1	■	■			■	■		■	■	■
MX1212UC-FDC1S25	1.2	12:1	■		■		■	■		■	■	■
MX1212UC-EDW1S25	1.2	12:1	■	■			■		■	■	■	■
MX1212UC-FDW1S25	1.2	12:1	■		■		■	■		■	■	■
MX1231PU-GDC1S25	1.2	31:1		■		■	■	■		■	■	■
MX1231PU-HDC1S25	1.2	31:1		■			■	■		■	■	■
MX1231PU-GDW1S25	1.2	31:1		■		■	■	■		■	■	■
MX1231PU-HDW1S25	1.2	31:1		■			■	■		■	■	■

Special Ordering Options

Model	GPM at 60 cycles/min		FEATURES				
	Ratio		UHMWPE U-Cup Seal	PTFE/UHMWPE Packings	Air Assist Airless Air Control	Cart Mount	Wall Mount
MX1212UC-ODC0000	1.2	12:1	■	■	■		
MX1212UC-ODW0000	1.2	12:1	■	■			
MX1212UC	1.2	12:1	■	■		■	
MX1212PU-ODW0000	1.2	12:1		■			
MX1212PU	1.2	12:1		■	■		■
MX1231PU-ODC0000	1.2	31:1		■	■	■	
MX1231PU-ODW0000	1.2	31:1		■	■		
MX1231PU	1.2	31:1		■	■		■
MX1231UC-ODW0000	1.2	31:1	■				
MX1231UC	1.2	31:1	■	■		■	

1. Large exhaust valves allow quick changeover for smooth spray operation
2. Magnetic Detent spool valve (patent pending) and quick dump air valves enable air motor to switch over quickly
3. 1.2 GPM @ 60 cycles/min supports 1-2 gun spraying
4. Self adjusting packings for longer life
5. Balanced, stepped rod fluid section with hard chromed surface minimizes wear and maximizes time-between-rebuilds



Fluid Delivery *Airless & Air Assisted Airless* High Pressure Pumps



Binks MX Series Heavy Duty Airless & Air Assisted Airless Spray Outfits

Binks MX Pumps are a completely new design in air operated pump technology using a patented magnetic detent to provide fast changeover of the piston stroke with virtually no pulsation. The result is more speed with a more consistent finish.

The MX pumps are available in ratios of 36:1, 42:1, 60:1 and 70:1 with fluid deliveries of 3.0 or 3.5 GPM.

Typical Applications:

Corrosion Protection For –

- Steel fabrications and structures
- Marine and ship building
- Pipe
- Off road vehicles
- Storage tanks
- Trailer and railcar manufacturers



Mounting Setups:

- Bare Pump (no mount provided)
- Cart Mount (shown at left)
- Wall Mount

1. Air controls included for pump and/or air assist spray gun applications
2. Air motor silencer for quiet operation
3. "No-Ice" air motor design keeps the pump from icing up
4. Patented anti-stall magnetic detent technology with quick exhaust valves feature low to no ice operation and uninterrupted production
5. Self adjusting packings increase life with even wear
6. Flat free tires require no maintenance

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

ORDERING SYSTEM FOR AIRLESS OUTFITS

A	B	C	D	E	F	G	H
MX 35	60	PU- C	A	C	5	S	1 2
A	OUTPUT		E	FILTER			
30	=	3.0 GPM	1	=	100 Mesh		
35	=	3.5 GPM	3	=	30 Mesh		
B	RATIO		5	=	50 Mesh		
36	=	36:1	7	=	70 Mesh		
42	=	42:1	F	SIPHON			
60	=	60:1	0	=	None		
70	=	70:1	S	=	5 Gallon		
C	MATERIAL		T	=	55 Gallon		
C	=	Carbon Steel	G	GUN			
S	=	Stainless Steel	0	=	No Gun		
D	MOUNTING		1	=	Airless 75 0811-7500-1		
C	=	Cart	H	HOSE			
W	=	Wall	0	=	None		
			2	=	25 Feet		
			5	=	50 Feet		

AIR ASSISTED AIRLESS OUTFITS

98-3230 Single Gun Outfit	Outfit Components	98-3231 2 Gun Outfit
1	MX3536PU-C4C5500 36:1 Ratio, 3.5 GPM Pump, Carbon Steel Fluid Section, Cart Mount, with 50 Mesh Fluid Filter and 5 Gal. Siphon Tube	1
1	53' Air Tubing for Atomizing Air	2
1	50' High Pressure Fluid Hose (1/4" I.D. / 4,000 psi)	2
1	3' High Pressure Whip Hose (1/8" I.D. / 5,000 psi)	2
1	Air Controls for 1 or 2 Guns	2
1	0909-4400-HT0000 AA4400M Air Assisted Airless Spray Gun with HVLP Air Cap and Twist Tip Guard (Tip Not Included - Order Separately)	2

Note: Twist tip not included - order separately

7. Heavy duty cart with lower "grab" handles for easy lifting
8. 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
9. Large 1 1/2" "knock off" fluid inlet for faster pump assembly and disassembly in the field

