

**The standard features of Binks MX4/12 and MX4/32 Air Assisted Airless & Airless pumps position them as the premier choice for high speed surge free paint delivery.**

Binks MX pumps are a completely new design in pump technology utilising patented magnetic detents to dramatically enhance smooth pump operation and change over with no pulse to provide the best "surge free" paint delivery for the perfect finish. These MX pumps operate at 12:1 and 32:1 ratio's delivering 4 litres per minute output (max) with self adjusting spring loaded packings to extend the pump working life cycle and reduce the need for costly maintenance and downtime. The fluid sections and all wetted parts are constructed from the highest quality stainless steel for best fluid compatibility whilst providing a long and durable working life. MX pumps are fitted with an operator friendly control panel and include a quality easy to clean fluid filter as standard for reduced tip blockages.

**Typical applications**

- Joinery/Furniture & woodworking
- Skips and dumpsters
- Off Road Vehicles
- Metal Fabrications
- Truck/Trailer & Chassis makers
- Aerospace & Aviation
- Plus many others...

**Suitable for these materials**

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



**MX4/12 & 4/32**

**Air operated Air Assisted and Airless reciprocating 2 ball paint pumps**

- Magnetic detent (*patent*) for quick stroke change over with no pulse.
- Fully Stainless Steel wetted parts and fluid section
  - Anti stall no ice design.
- Large sight glass for visual packing inspection.
- Solvent cup keeps packings well lubricated.
  - Self adjusting spring loaded packings
- Divorced pump design – zero potential for paint to enter air motor.
- Durable design for heavy duty long working life.
  - CE marked and fully ATEX approved.



**Quality Passport for Binks MX-Pumps:**

**Modular construction – Reduced parts – Easy/Fast maintenance – Guaranteed high performance**

- All wetted parts are Stainless Steel – Ideal for use with solvent & water based paints/materials
- Fixed, spring tension packing's – Lower maintenance and reduced running costs
- All valve seats are Tungsten Carbide – Long durable working life
- Piston is ultra- hard plated – Extra wear resistant and longer packing life
- Stainless Steel fluid filter inc. N.R. Valve – Prevents material blockages at the gun tip
- Pump packing's leather & teflon (PTFE) mix. with option for pure teflon (PTFE) or UHMWPE – Covers all Industrial applications
- CE marked and ATEX approved for all applications

Specifications	MX 4/12	MX 4/32
Ratio	12:1	32:1
Max. Inlet Pressure	8.0 bar (120 psi)	8.0 bar (120 psi)
Flow Rate Nominal	1.5 l/m	1.5 l/m
Flow Rate Max.	4.0 l/m	4.0 l/m
Volume/Cycle	24 cm <sup>3</sup>	24 cm <sup>3</sup>
Max. Operating Pressure	96 bar (1400 psi)	256 bar (3600 psi)
Cylinder Diameter	55 mm	85 mm
Piston Stroke	75 mm	75 mm
Air consumption at 20cycles/min	71 l/min	201 l/min



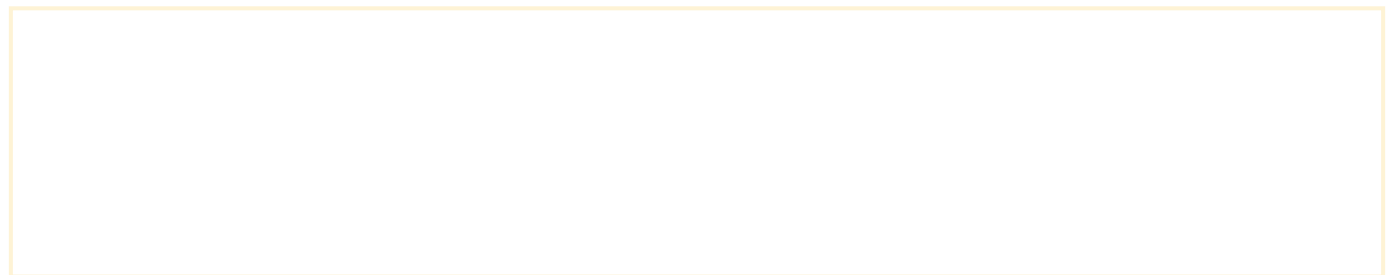
Easy to use controls

Binks MX Pump outfit Contents and Part Numbers	MX 4/12 D-AL	MX 4/12 C-AL	MX 4/12 W-AL	MX 4/12 DB-AL	MX 4/12 P-AL	MX 4/12 D-AC	MX 4/12 C-AC	MX 4/12 W-AC	MX 4/12 DB-AC	MX 4/12 P-AC	MX 4/32 D-AL	MX 4/32 C-AL	MX 4/32 W-AL	MX 4/32 DB-AL	MX 4/32 P-AL	MX 4/32 D-AC	MX 4/32 C-AC	MX 4/32 W-AC	MX 4/32 DB-AC	MX 4/32 P-AC	
MX 4/12 Bare Pump	•	•	•	•	•	•	•	•	•	•											
MX 4/32 Bare Pump											•	•	•	•	•	•	•	•	•	•	•
High pressure filter assy st st	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pail Mounted					•					•				•							•
Tripod Mounted	•			•		•			•		•			•		•				•	
Cart Mounted		•					•					•					•				
Wall Mounted			•					•				•						•			
Airless controls	•	•	•	•	•						•	•	•	•	•						
Air Assisted Airless controls						•	•	•	•	•						•	•	•	•	•	•
St. St. metal suction pipe/filter					•					•				•							•
St. St. metal suction pipe/filter	•					•					•				•						
Flexible suction hose assy & filter		•	•				•	•				•	•				•	•			
Gravity Hopper (6 litre)				•					•					•						•	

Binks MX pump outfits are fully assembled, tested and ready to spray – Guns and hoses are NOT supplied with these packages:

**Binks MX pumps are covered by a 5 Year workmanship and materials warranty.**

**For further technical information please refer to the Binks MX4/12 & MX4/32 Service Bulletins.**



**ITW Industrial Finishing**  
 Ringwood Road, Bournemouth,  
 England BH11 9LH  
 Tel: +44 (0)1202 571111  
 Fax: +44 (0) 1202 573488  
 Email: industrial.mktg@itwfinishing.co.uk

**ITW Oberflächentechnik GmbH**  
 Justus-von-Liebig-Strasse 31,  
 63128 Dietzenbach Germany  
 Tel: +49 (0) 6074-403-1  
 Fax: +49 (0) 6074-403-281  
 Email: marketing@itw-finishing.de

**ITW Surfaces et Finitions**  
 163-171 Avenue des Auréats, BP 1453  
 26014 Valence cedex FRANCE  
 Tel: +33(0)4 75 75 27 00  
 Fax: +33(0)4 75 75 27 59  
 Email: mkt@itwfs.com