

# BINKS MAGIC-MIX

## *Universal 2K Electronic Mixing Unit*

Binks MagicMix is the easy and precise electronically controlled fluid handling system for all types of spray applications with guaranteed accuracy, reliable mixing and metering of two component paint materials.



Designed as a "Plug and Spray" machine, the MagicMix is the best system to ensure repeatability whilst complying with the toughest EPA Legislation.

The variable mixing ratios can be stored and the icon guided touch screen allows easy communication between the operator and machine. The precise dosing will always ensure perfect paint mix and finish.

Binks MagicMix for all applications – including high and low pressure with solvent or water based paint and materials.

Binks MagicMix is the best solution.

### **Typical Markets**

- Off Road & Earth Moving vehicles and accessories
- Fork Lift Trucks & Components
- Aerospace Industry
- Agricultural Machinery
- Office Furniture Manufacturers (Metal)
- Automotive Vehicle Component Manufacturers
- Rail Transport & Rolling Stock
- Plus many others

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Easy to control with repeatable results

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Wide Field of Application from 0.5 to 20:1 ratio

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Easy Installation and Commissioning

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Simple Touch Screen Control

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Integrated VOC-Calculator

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Outfits include Binks MX paint pumps



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**Features and Specification**

Universal applications	Solvent and Water based Paints
Mixing Ratio	0.5 to 20:1
High & Low pressure machines available	Flow rate from 1.5 to 2.5 l/min (Output at each pump)
Working temperature	10 – 70°C
Pressure Range	3 – 250 bar (40 – 3500 psi) Low/High Pressure
Viscosity	20 – 100.000 mm <sup>2</sup> /s
Fluid Section	Stainless Steel
Material Valves	1 Colour and 1 Hardener as standard
Spray gun types	Manual and Automatic
Reporting	Serial Printer Port
Optional	1 Flushing pump and valve

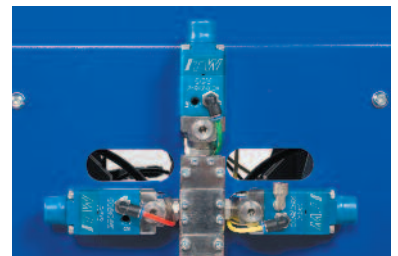
- Many different paint mixing ratios can be electronically stored for easy reproduction.
- MagicMix uses best quality magnetic sensors for precise and accurate paint flow measurement.
- The paint & catalyst consumption is automatically recorded for usage and VOC monitoring.
- MagicMix has a easy to read and operate finger touch screen with self explanatory graphics.
- Binks MagicMix can be used with any of these spray technologies:-
  - Low pressure air spray
  - Airless spray
  - Air Assisted Airless
  - Electrostatic (HP & LP) spraying (Solvent based paint only)

MagicMix outfits	MMX-1212-GC-F	MMX-1212-S-F	MMX-1212-GC	MMX-1212-S	MMX-0432-GC-F	MMX-0432-S-F	MMX-1231-GC-F	MMX-1231-S-F	MMX-0432-GC	MMX-0432-S	MMX-1231-GC	MMX-1231-S	MMX-4-12-F	MMX-4-12	MMX-1212-GC-F-A	MMX-1212-S-F-A	MMX-1212-GC-A	MMX-1212-S-A	MMX-0432-GC-F-A	MMX-0432-S-F-A	MMX-1231-GC-F-A	MMX-1231-S-F-A	MMX-0432-GC-A	MMX-0432-S-A	MMX-1231-GC-A	MMX-1231-S-A	MMX-4-12-F-A	MMX-4-12-A
Low Pressure MX 12/12 for Resin	•	•	•	•											•	•	•	•										
Low Pressure MX 12/12 for Hardener	•	•	•	•											•	•	•	•										
Low Pressure DVP 510 Flushing	•	•													•	•												
High Pressure MX 4/32 for Resin					•	•			•	•									•	•			•	•				
High Pressure MX 4/32 for Hardener					•	•			•	•									•	•			•	•				
High Pressure MX 12/31 for Resin							•	•			•	•	•	•								•	•	•	•	•	•	•
High Pressure MX 12/31 for Hardener							•	•			•	•	•	•								•	•	•	•	•	•	•
High Pressure MX 4/32 Flushing					•	•			•	•			•									•	•					•
High Pressure Filter (Type III)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gravity Container 6 litre for Hardener	•	•	•		•	•									•	•					•	•						
Suction System flex. NW 20 for Resin	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Suction System flex. NW 20 for Hardener					•	•									•	•					•	•						
Suction System flex. NW 20 for Flushing	•	•			•	•	•	•					•		•	•				•	•						•	
Fluid Pressure Regulator	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pump Pressure Regulator 3/8"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electronic Controller / split version (ATEX)															•	•	•	•	•	•	•	•	•	•	•	•	•	



**Typical Part number explanation:-**

- MMX = MagicMix
- 1212 = MX12/12 pump type
- GC = Gravity Container for hardener/catalyst
- S = Suction flexible
- F = Flushing
- A = ATEX



For more technical information refer to the Binks Magic-Mix Service Bulletin.

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