



Binks Magic-Flow™ is the easy and precise fluid handling system for all types of spray applications with guaranteed accuracy, reliable mixing and dosing of plural component paints and coatings.

Designed as a "Plug and Spray" machine, the Binks Magic-Flow™ is the best system to ensure repeatability while complying with the toughest EPA Legislation. The mixing ratios can be stored in a wide range of up to 50 recipes and the icon guided touch screen allows easy communication between operator and machine. The precise dosing will always ensure a perfect finish.

The Binks Magic-Flow™ is the best solution for low pressure with solvent or water based paints and coatings.

- Suitable for plural component coatings such as epoxies or urethanes
- Pays for itself when compared to hot potting
- 0.5:1 to 50:1 volumetric ratio of resin to catalyst
- Includes VOC reporting
- Has quick color change
- Reduces waste due to poorly catalyzed coatings
- Mix and match up to 28 colors
- Saves labor
- Reduce exposure to hazardous material

**Typical applications:**

- Off Road and Earth Moving vehicles
- Fork Lift, Trucks and Trailer
- Aerospace Industry
- General Industry
- Agricultural Machinery
- Plastic Components

# MAGIC-FLOW

## Plural Component Paint Dosing System



Feature	Function	Benefit
Touch screen controls	Control interface is a touch screen.	Ease of Use, Ease of Setup
Expandable	System is capable of handling up to 28 colors.	Lower initial investment, particularly with many colors
Color Recipes	Software will handle up to 50 color recipes	
Flush Programs	Software will handle up to 10 flush programs	
VOC Calculator	Software keeps track of how much coating is dispensed and calculates VOCs emitted.	Ease of calculating and reporting VOC emissions. Ease of regulatory compliance.
Manual valve actuation	Opening a particular valve is accessible through the touch screen panel	Ease of troubleshooting and cleaning
Accurate +/- 1%	Embedded flow meters constantly monitor and control resin to catalyst volumetric ratio	Increased quality of end-user's finish.
Software lockout	Prevents unauthorized changes to color recipes or flush programs	Increased quality of end-user's finish.
External signal capable	Up to eight different outputs can trigger lights, sirens, etc.	Decreased downtime. Ease of troubleshooting.

### Features:

Suitable for .....	Solvent and Water Based Coatings
Mixing Ratio .....	0.5:1 to 50:1
Flow Rate .....	50 to 2,000 ml/min (1.7 - 67 oz.) per flow meter (other options upon request)
Working Temperature .....	10 – 70C, 50-158F°
Viscosity .....	1-20,000 cps
Wetted Parts .....	Stainless Steel
Material Valves .....	32 max e.g. 28 Colors, 1 Air Chop/Purge, 2 Solvents, 1 Catalyst
Mode .....	Manual or Automatic
Data Output .....	Printer Port Standard
Ratio Accuracy .....	+ / - 1%
Low Pressure .....	Models up to 145psi (10 bar)
High Pressure .....	Models up to 3650psi (250 bar)

### Specifications:

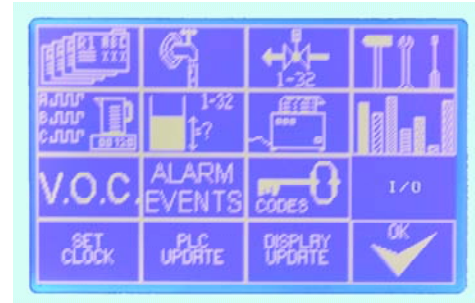
The Binks Magic Flow™ stores up to 50 different recipes, 10 different flush programs using up to 28 different colors. The Magic Flow™ will also alert you when you need to flush based on your pot life, hose choice, and total dispensed coating.

### The Binks Magic Flow™ reduces the cost of your finishing operation by:

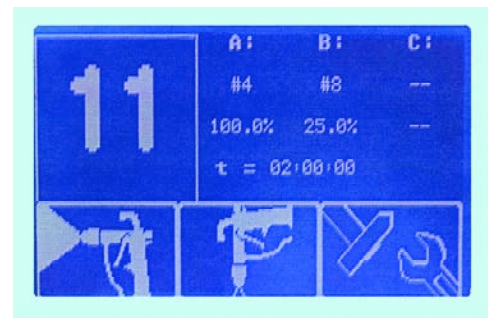
- Reducing unused and catalyzed batch mixed coating
- Reducing the time required to prepare coating for spraying
- Reducing rejected parts due to poorly mixed coating

### The Binks Magic Flow™ provides a host of reporting including:

- VOC calculator
- Coating consumption
- Ratio Reports



Simple and Easy to use interface touch screen graphic display.



Valves (32 total), up to 28 colors, 1 Air chop/purge, 2 solvents, 1 catalyst. 10 flushing programs available. Program up to 20 steps in each flushing program, ability to loop up to 20 times.

