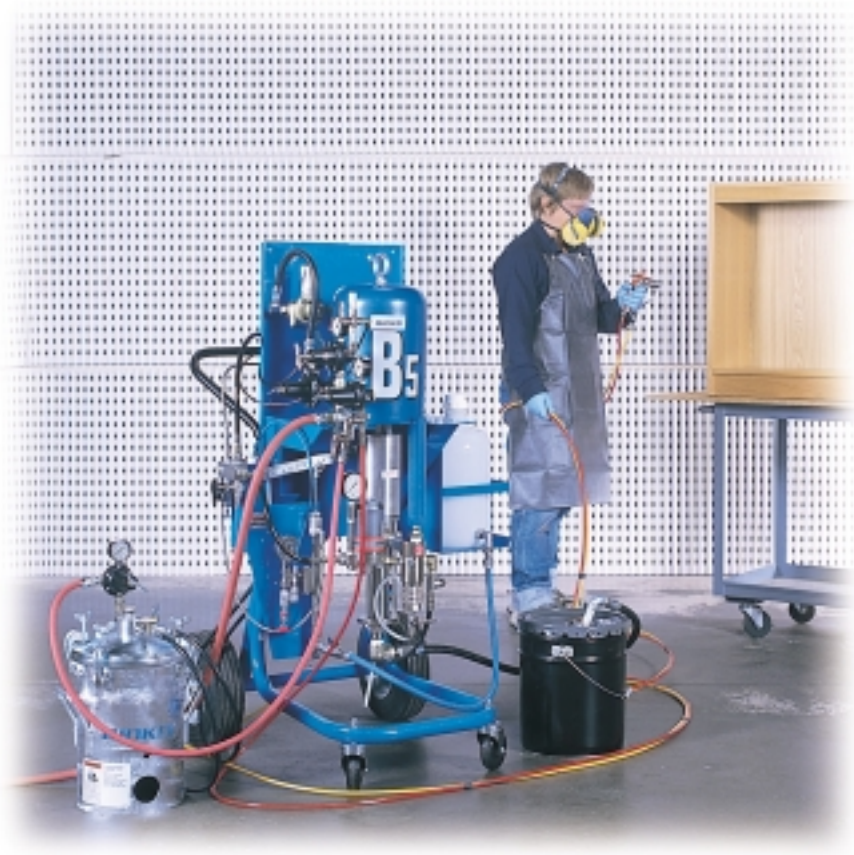
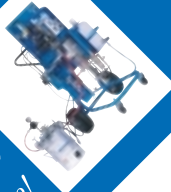


BINKS®
A101-86 4/02

*NEW! Superior material
delivery systems for wood
cabinets and office furniture!*



Equalizer™ Systems

Accurately pump, meter, & mix
catalyzed sealers & top coats



Equalizer™ Systems

Wall Mounted & Cart Mounted Catalyst Pumping-Metering-Mixing Systems

Binks Develops a Mechanical Proportioner to Accurately Meter, Mix, and Pump Catalyzed Materials

Frustrated by unreliable systems to pump, meter, and mix catalyzed wash coats, sealers, and top coats? The new Binks Equalizer™ Systems are designed for accurate, high performance and easy maintenance with each application. Ideal for both air assisted and low pressure 1,000 psi (68 bar) airless applications, Binks Equalizer™ Systems offer maximum functionality in low-to-high production environments manufacturing wood cabinets, office furniture, and institutional/restaurant/bar furniture.



Binks Equalizer™ assures consistent sheen and texture.

Easy-to-Use for Maximum Performance

Binks Equalizer™ Systems are two-component pumping, metering, and mixing systems designed to apply the acid-catalyzed wash coats, sealers, and top coats used in wood furniture finishing. Binks Equalizer™ is capable of adjusting catalyst ratios from .75 to 7%, with operating pressures up to 1,000 psi (68 bar). Mixed material is flushed from the system through the mix manifold in one step using less solvent than other tanks.

Operation is simple:

- Catalyst pump is mechanically linked to the base material pump via a "slave arm" for ratio adjustment
- Motion of the base material pump is matched stroke-for-stroke by the catalyst pump
- Catalyst pump stroke length and output are determined by position on the slave arm
- Materials dispensed by each positive-displacement pump are mixed at equal pressures via fluid shearing in a mix manifold
- Materials are further mixed with an 8-inch static mixer

In addition, Binks Equalizer™ Systems include a panel mounted pneumatic catalyst alarm and mix manifold, ratio check assembly, and base material recirculation capability to assure optimal pressures and safety.



Binks Equalizer™ Systems offer precise pressure control.

Compare Binks Equalizer™ Systems to other technologies to see why they are clearly the best.

Binks Equalizer™ Systems

- Accurate metering, mixing and pumping
- Mixes material on demand
- Maintains consistent sheen and texture
- Reduces waste
- Reduces costly re-works
- Reduces labor costs associated with wash-off and refinishing
- Reduces repair work

Hot Potting

- Inconsistent mixing
- High volume of washed off or scrapped parts
- Under or over catalyzation
- Requires pre-mixed batches of material
- Wastes all unused catalyzed material
- Sheen and texture changes throughout the day
- High volume of re-dos
- High volume of repairs

Gear Metering Systems

- Complicated electronic system
- High initial costs (up to \$50,000)
- High maintenance
- Lengthy downtime
- Requires separate pumping equipment to deliver finishing material
- Requires dilution of catalyst
- Requires expensive explosion proof wiring

The Binks Equalizer™ Difference

Consider How These Advantages Improve Your Bottom Line

Ideal for Low to High Production Environments, Binks Equalizer™ Systems Are 90% Pre-assembled – Virtually Ready-to-Install Right out of the Box.

- Fluid section includes hard chrome rod and cylinder for longer life
- Teflon® packings for material compatibility
- 316 SS construction catalyst pump compatible with aggressive acidic catalysts
- Pneumatic catalyst alarm with integrated pump shutdown to ensure ratio accuracy and system reliability
- 316 SS mix manifold with integrated handle and 316 SS ball valves allow one-step flushing of mixed material
- Discrete catalyst from 0.75% to 7.0% in 0.25% increments are easily changed with quick release pin
- Manual ratio check assembly for quick verification of catalyst-to-material ratio without disconnecting hoses or guns
- Recirculation feature allows priming of catalyst pump without disconnecting from slave arm
- Cart mount option for maximum portability
- 100 mesh filter assembly with integrated pulse bottle and fluid regulator to minimize "winking"
- Precise pressure control
- One-step flush uses less solvent than other tanks
- Operating pressures to 1,000 psi for air assisted airless and low pressure airless spray guns
- Capable of supplying multiple spray guns



Easy to install right out of the box with simple adjustments, Binks Equalizer™ Systems are also low maintenance.



Binks Equalizer™ Systems are simple, reliable and powerful enough to supply more than one gun, when needed.



One-step flushing is quick and easy and uses less solvent than other tanks.

Major Sub Assemblies & Components

PART NO.	DESCRIPTION
101-2090	Catalyst Pump
41-11043	Comet 3" Air Motor
101-1420	C Fluid Section
41-12301	B5 Air Motor
101-520	D Fluid Section
845001	MP Fluid Regulator w/Gauge
101-1765	Filter/Pulse Assembly
103-1360-2	Alarm Box 50-1,200 psi
107-1662	Poppet Valve
103-1774	Mix Manifold Assembly
103-1776	Air Control
83GZ-5200	Flush Tank
207-12285	Small Cart

Recommended Spray Guns

Binks AA1500 Air Assisted Airless Spray Gun for manual applications.

Binks Mach 2A Hydraulically Assisted HVLP Spray Gun for automatic applications.

Comet 3C Equalizer™ Systems

Comet 3C Pumps

Air Inlet Pressure	30-90 psi (2-6 bar)
Fluid Pressure Range	360-1080 psi (24-73 bar)
Max. cycles per minute	60
Max. recommended cycles per minute	20
Displacement ounces per cycle	3.4 (101 cc)
Cycles per gallon (liter)	37.9 (9.9 l)
Flow @ 60 CPM	1.6 GPM (6.1 l/min)
Flow @ max. recommended CPM	0.5 GPM (2.0 l/min)
Noise level @ 60 psi	82 dB
Air consumption @ max. recommended CPM, 90 psi	5.2 SCFM

Comet 3-C Wall Mounted Equalizer™ Units

PART NUMBER	BASE PUMP	CATALYST RATIO (%)	PRESSURE RANGE (PSI)	MAX OUTPUT (GPM)	MOUNTING
109-1115	Comet 3-C	1.0 – 7.0	100 – 1,000	1.6	Wall

Comet 3-C Cart Mounted Equalizer™ Units

PART NUMBER	BASE PUMP	CATALYST RATIO (%)	PRESSURE RANGE (PSI)	MAX OUTPUT (GPM)	MOUNTING
109-1117	Comet 3-C	1.0 – 7.0	100 – 1,000	1.6	Cart



Binks Equalizer™ Wall Mount System with Comet 3-C Pump, 109-1115.



Binks Equalizer™ Cart Mount System with Comet 3-C Pump, 109-1117.

B5-D Extreme Duty Equalizer™ Systems

B5-D Extreme Duty Pumps

Air Inlet Pressure	30-90 psi (2-6 bar)
Fluid Pressure Range	420-1260 psi (29-86 bar)
Max. cycles per minute	60
Max. recommended cycles per minute	20
Displacement ounces per cycle	7.2 (215 cc)
Cycles per gallon (liter)	17.6 (4.7 l)
Flow @ 60 CPM	3.4 GPM (12.9 l/min)
Flow @ max. recommended CPM	1.1 GPM (4.3 l/min)
Noise level @ 60 psi	86 dB
Air consumption @ max. recommended CPM, 90 psi	16 SCFM

B5-D Extreme Duty Wall Mounted Equalizer™ Units

PART NUMBER	BASE PUMP	CATALYST RATIO (%)	PRESSURE RANGE (PSI)	MAX OUTPUT (GPM)	MOUNTING
109-1116	B5-D	.75 – 3.5	100 – 1,000	3.4	Wall

B5-D Extreme Duty Cart Mounted Equalizer™ Units

PART NUMBER	BASE PUMP	CATALYST RATIO (%)	PRESSURE RANGE (PSI)	MAX OUTPUT (GPM)	MOUNTING
109-1118	B5-D	.75 – 3.5	100 – 1,000	3.4	Cart



Binks Equalizer™ Wall Mount System with B5-D Pump, 109-1116.



Binks Equalizer™ Cart Mount System with B5-D Pump, 109-1118.

Sales and Service
Through a Nationwide Network of Industrial Distributors



North American Office

ITW Industrial Finishing
Binks
195 Internationale Blvd.
Glendale Heights, IL 60139
630-237-5000
Fax 630-237-5011
www.binks.com

Customer Service

1-800-992-4657

Technical Support

1-888-992-4657

