

BINKS®
Poly-Craft
CE-1 1/01



EL™
LOW EMISSION LAMINATORS
for non-atomized and airless
spray applications

Polyester Dispensing Systems

All the advanced technologies and equipment you need
for today's MACT-compliant composites applications.

ITW Composites Equipment
BINKS® Poly-Craft®

Complete Line of Systems

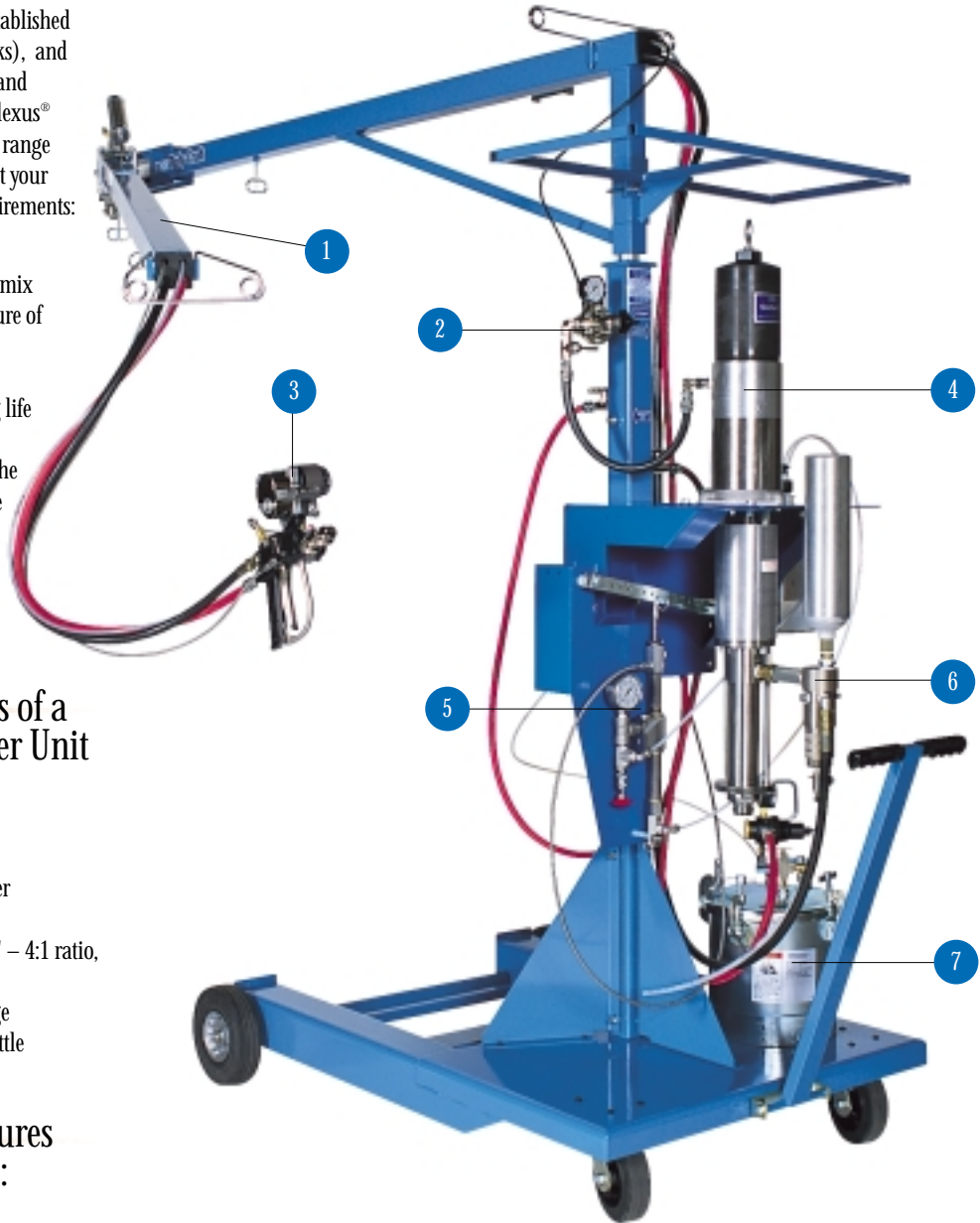
for All Your Composite Manufacturing Needs



Production-Proven MACT-compliant Systems and Components

Binks and Poly-Craft, well established brands of ITW (Illinois Tool Works), and enjoying the same market focus and management synergies as ITW Plexus® and ITW SprayCore®, offer a full range of equipment options to best meet your composites manufacturing requirements:

- Non-atomizing technology
- Uniform, consistent, reliable mix
- Precision mixing for better cure of material
- Increased throughput
- Increased pump and packing life
- Large resin passages
- Operates at 150 – 300 psi at the pump and low pressure at the spray gun



Standard Features of a Typical LEL Chopper Unit

1. 12' pneumatic boom
2. Air control (pump runaway valve is optional)
3. LEL gun with chopper / cutter (non-atomized)
4. Pump assembly (Comet 3"D" – 4:1 ratio, 3 GPM pump)
5. Manual relief valve and gauge
6. Resin filter with pulsation bottle
7. ASME Code flush tank

Standard Features Not Shown:

8. Priming valve
9. 55 gallon siphon feed kit
10. Catalyst alarm

Lamination Systems

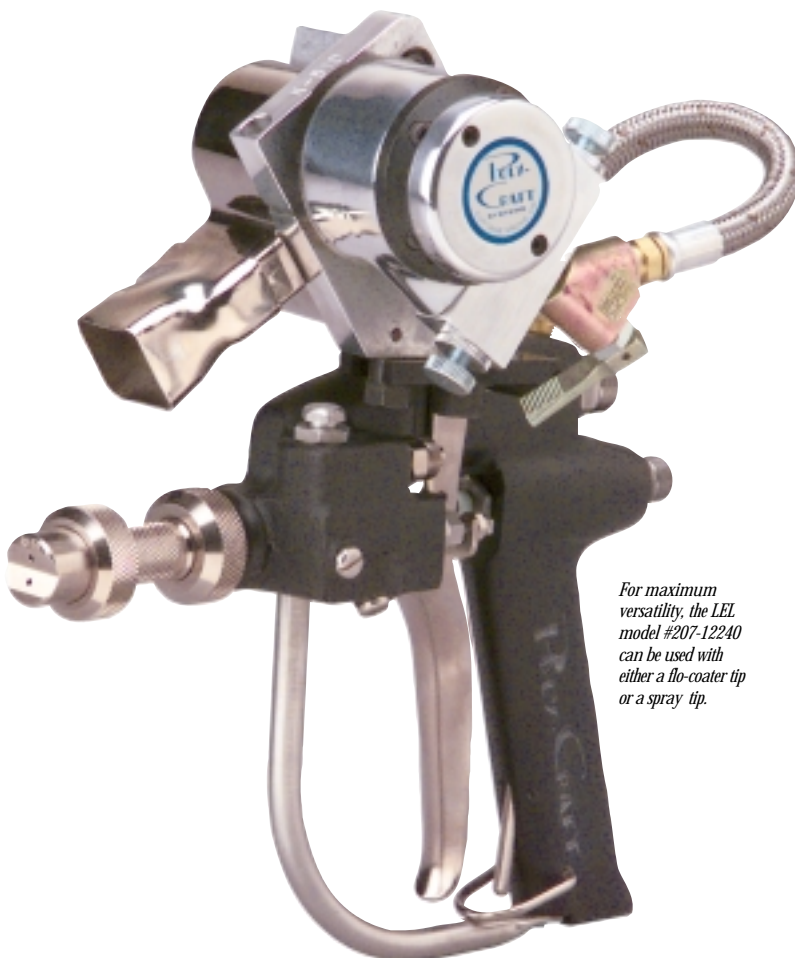
MACT-compliant Low Emission Laminators



Offering You the Very Best Production Systems

Our total commitment to the FRP and composites industries provides our customers with many production and environmental advantages. Our full line of MACT-compliant LEL Systems and components consistently delivers the kind of high quality, bottom-line results today's manufacturers need.

- Uniform, consistent, reliable mix
- Reduced overspray
- Internal mix of catalyst and resin for environmental compliance
- One-touch flush for easy cleaning
- Cartridge resin needle and seat assembly
- Optional attachments for flo-coating and airless spray available
- Resin cartridge needle assembly changes out in less than five minutes
- Catalyst alarm:
 - Instant response ensures less re-work
 - Simple pipe fittings for easy installation
 - Easily adaptable to fit any current system
 - 9-volt battery power for maximum safety
 - Horn sounds if catalyst or resin flow is interrupted



For maximum versatility, the LEL model #207-12240 can be used with either a flo-coater tip or a spray tip.



The Catalyst Flow Alarm will alert an operator to any change in catalyst or resin flow at virtually any flow rate.

Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	CUTTER	BOOM	FLUSH TANK
105-5000	Wall Mount Wet-Out	Comet "D" 4.5:1	25'	No	No	Yes
105-5001	Wall Mount Chopper	Comet "D" 4.5:1	25'	Yes	Yes	Yes
105-5100	Portable Wet-Out	Comet "D" 4.5:1	25'	No	No	Yes
105-5101	Portable Chopper	Comet "D" 4.5:1	25'	Yes	No	Yes
105-5200	Cart Mount Wet-Out	Comet "D" 4.5:1	25'	No	No	Yes
105-5201	Cart Mount Chopper	Comet "D" 4.5:1	25'	Yes	Yes	Yes

All units furnished with the Poly-Craft LEL gun.

Lamination Systems

MACT-compliant Low Emission Laminators

Poly-Craft LEL™ Systems

Complete MACT-compliant systems featuring the Poly-Craft LEL gun and Unison precision catalyst metering pump. Poly-Craft LEL systems are easy to use and offer repeatability you can count on. Resin cartridge needle assembly can be changed in less than five minutes. Varied pumps and mounting styles are available for maximum versatility.

- MACT-compliant Poly-Craft LEL gun
- Easy maintenance – one touch easy flush
- Infinitely variable Catalyst delivery from .5% to 3.5%
- Catalyst alarm:
 - Instant response ensures less re-work
 - Horn sounds if catalyst or resin flow is interrupted



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	CUTTER	BOOM	FLUSH TANK
205-5000	Wall Mount Wet-Out	Unison 8:1	25'	No	No	Yes
205-5001	Wall Mount Chopper	Unison 8:1	25'	Yes	Yes	Yes
205-5100	Portable Wet-Out	Unison 8:1	25"	No	No	Yes
205-5101	Portable Chopper	Unison 8:1	25'	Yes	No	Yes
205-5200	Cart Mount Wet-Out	Unison 8:1	25'	No	No	Yes
205-5201	Chopper System	Unison 8:1	25'	Yes	Yes	Yes

All units furnished with the Poly-Craft LEL gun.

Binks Century LEL External Mix Systems

The new Binks Century LEL external-mix guns are MACT-compliant and are appropriate for use in environments where solvent flushing is undesirable. The Century gun's legendary ease-of-use, comfort, and low maintenance, produce a state-of-the-art system.

- Non-atomizing technology
- Significant material savings
- Low emission levels
- Optimum catalyzation
- Reduced overspray
- Low maintenance
- Solvent flush not required
- Catalyst alarm



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	GUN
105-5300	Wall Mount Wet-out	Comet "D" / 4.5:1	25'	Binks Century LEL
105-5301	Wall Mount Chopper	Comet "D" / 4.5:1	25'	Binks Century LEL
105-5400	Portable Wet-out	Comet "D" / 4.5:1	25'	Binks Century LEL
105-5401	Portable Chopper	Comet "D" / 4.5:1	25'	Binks Century LEL
105-5500	Cart Mount Wet-out	Comet "D" / 4.5:1	25'	Binks Century LEL
105-5501	Cart / Boom Chopper	Comet "D" / 4.5:1	25'	Binks Century LEL

It's Easy To Upgrade Your Existing Century Equipment To LEL Technology!

Gel Coat Systems

Binks Super-Slave and Poly-Craft Unison Gel Coat Systems

Proven Binks Century HVLP Systems

Binks cart-mounted gel coat systems with the Super-Slave System (shown at right) feature the Binks Century HVLP Gun. These systems incorporate an integrated slave catalyst pump to ensure a "locked-in" catalyst control.

- Positive volumetric control
- Lower velocity spray
- All systems comply with California's SCAQMCD rule 1162 and others
- All systems equipped with drop-forged gun heads and handles
- Maximum mobility



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	GUN
105-1368	Cart Mount	B6 "D" 20:1	25'	Binks Century HVLP
105-1358	Cart Mount	B5 "D" 14:1	25'	Binks Century HVLP
105-1396	Wall Mount	B6 "D" 20:1	25'	Binks Century HVLP
105-1395	Wall Mount	B5 "D" 14:1	25'	Binks Century HVLP

Poly-Craft Unison Slave Gel Coat Systems

This practical cart-mounted gel coat system features the Poly-Craft-755 HVLP air-assisted airless gun. The basic system, with a 12:1 ratio, can be used to apply gel coat in a highly efficient "soft spray".

- Extremely rugged production system
- Reliable, trouble-free material delivery
- 100% more filter area than other systems
- Incorporate the Unison precision proportioning system
- Are fully and easily portable
- Available in 2-color or 4-color models



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	GUN	# COLORS
205-950-U	Cart Mount	Unison / 12:1	25'	Poly-craft 755 HVLP	1
205-951-U	Cart Mount	Unison / 12:1	25'	Poly-Craft 755 HVLP	2
205-2200	Cart Mount	Unison / 12:1	25'	Poly-Craft 755 HVLP	4

Syntactic Foam Unit

Efficient, Portable, and Reliable

Offered with either the Binks Century or Poly-Craft LEL syntactic foam guns, the Binks Syntactic Foam Unit is a fully portable engineered system built to deliver the best quality product with the highest efficiency.

- Complete system with transfer pump, four blade agitator (SS) and drum elevator
- LEL internal mix gun with airless tip
- Catalyst alarm with shut down
- ASME Code flush tank



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	GUN
105-1176	Syntactic Foam Unit	B6 "D" 20:1	50'	Binks Century HVLP
105-1179	Syntactic Foam Unit	B6 "D" 20:1	50'	LEL syntactic foam

Granite Spray Unit

Top Quality "Grani-Tec" Quickly, Easily

The Poly-Craft Grani-Tec Spray System enables you to produce granite-effect gel coat finishes directly from the shipping container. Unlike other systems that continually clog and deliver uneven spray patterns, the Poly-Craft system –

- Has an automatic recirculation mode to ensure consistently high quality production
- No static pressure
- Delivers fast, predictable spray patterns
- Allows rapid triggering
- Requires less than 10 psig pressure
- Works right out of the box—no set-up



Ordering Information

PART NUMBER	DESCRIPTION	PUMP/RATIO	HOSES	GUN
205-1000	Portable Cart Mount	3:1 Funny Pump*	18'	Model GG-1055

* Also available with 3:1 Excel pump and 4:1 Funny and Excel pumps.

MACT-compliant and Standard Spray Guns

Poly-Craft LEL



- MACT-compliant – non atomizing technology
- Easy maintenance
- Internal mix
- One-touch flush
- Optional attachments for flow coating and airless spray

MODEL	DESCRIPTION
207-12200	Poly-Craft LEL Wet Out
207-12240	Poly-Craft LEL Chop

Binks Century LEL



- MACT-compliant–non atomizing technology
- Optimum catalyztion
- External mix – no flush
- Reduces overspray
- Low maintenance

MODEL	DESCRIPTION
102-3600	Binks Century LEL Wet Out
102-3655	Binks Century LEL Chop

Poly-Craft HVLP



- Hydraulically assisted air atomization
- Complies with SCAQMD 1162
- Field tested reliability

MODEL	DESCRIPTION
202-755	Poly-Craft HVLP GelCoat
202-705	Poly-Craft HVLP Wet Out
202-715	Poly-Craft HVLP Chop

Binks Century HVLP



- Fully complies with all HVLP requirements
- Optimum catalyztion
- Works with heavy materials
- Low maintenance

MODEL	DESCRIPTION
102-2500	Binks Century HVLP GelCoat
102-2400	Binks Century HVLP Wet Out
102-2455	Binks Century HVLP Chop

Plural Component Outfits



- Ideal for touch-up and repair
- Includes (66ss x 66SD) gun, 2 qt. cup, two-5' hoses, and air control valve

MODEL	DESCRIPTION
105-1236	2001 GW

- Ideal for polyester flake /granite coating
- Includes a 7N gun, 2 gal. resin tank, 2 gal. flush tank, 1 gal. catalyst tank and 25' air / fluid hose assembly

MODEL	DESCRIPTION
105-1084	7N Gun System

Standard Spray Guns



- Lightweight, conventional gun for touch-up/repair of gel coat and FRP wet-out
- Lightweight HVLP spray gun (MACH 1)
- Finger trigger touch up gun (115)

MODEL	DESCRIPTION
2001 66ss x 66SD	2001*
2001 66ss x 66PB	2001*
Mach 1 97 x 97P	MACH 1
115 78ss x 78SD	115*

* Gun not shown.

MACT-compliant Technologies and Equipment.



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