

**BINKS**<sup>®</sup>  
A98-139 8/01

**NEW!**  
Air Assisted Airless  
Finishing System



# Raptor<sup>™</sup> Spray Finishing System

Everything you need to produce an outstanding finish  
– quickly, easily, professionally

 **BINKS**<sup>®</sup>

# Raptor™ Spray Finishing Systems

## Wall Mounted, Cart Mounted- 18:1 Ratio Pump

### Binks Matches Spray Gun, Pump and Accessories in One Complete and Extremely Compact System Ready To Use Right Out of the Box

Mystified by matching the right spray gun with the right pump and then having to choose from a wide range of accessories? Search no more.

Or maybe you just need to get down to business quickly with a production set up. Either way, here's just what you need: the Raptor™ spray finishing system. The Raptor™ pump system is everything you need to get started on an outstanding finish.

Binks NEW Raptor™ system meets a global need for an economical finishing system providing high efficiency and speed with outstanding finish quality. And the Raptor™ system can be configured for wall mount or cart mount applications.

### Raptor™, A Powerful Pump That's Built to Last in Harsh Working Environments

The Binks Raptor™ Series pump delivers powerful performance in harsh working environments.

### Raptor's™ Air Motor has Fewer Parts for Long-lasting Performance

Raptor's™ patented stall-free and ice-free air motor that does not use trip rods or push pins.

Patented easy access piston and packings.

Hard chrome stainless steel piston rod and cylinder

Manufactured under an ISO 9001 Quality System.

CE

### Raptor™ System Features

- 5-year pump warranty on all non-wear parts
- Raptor™ pump has a all stainless steel fluid section with hard chromed rod and cylinder
- Maximum fluid pressure – 1500 PSI (21.7 bar)
- Pump supplies .6 GPM @ 60 CPM to supply tip sizes .009" to 021"
- AA1500 air-assisted airless spray gun has Stainless steel fluid passages
- Drop forged aluminum gun body, stainless steel fluid passages, nozzle and needle
- Hydraulically-assisted fluid delivery combined with HVLV air atomization

### Raptor™ System Benefits

- Achieves fine finish and high efficiency
- Lightweight and easy to handle; gives operators superior control while fighting fatigue
- Works with lacquers, enamels, stains, sealers, and top coats
- Can spray light to heavy viscosity materials
- Can spray Air-assist or Airless



### A superior finish with reduced overspray and VOC emissions.

#### AA1500 Air Assisted Airless Spray Gun

The unique tip and air cap design of the NEW Binks AA1500 Air Assisted Airless Spray Gun allows operators to use lower fluid and air pressure than the competition to achieve a superior finish. Superior ergonomics equals superior economics. The "ergo-logic" design of the Binks AA1500 reduces operator fatigue which increases production rates, improves finish quality, and improves efficiency while reducing the risk of painful and costly CTD's (Cumulative Trauma Disorders).

This means:

- Better transfer efficiency
- A softer spray pattern
- Less bounceback
- Lower booth maintenance costs
- Less overspray contaminating other parts
- Longer life on wear parts
- Less rejects
- Operator comfort
- Material savings



# Part Numbers

## Raptor™ Systems

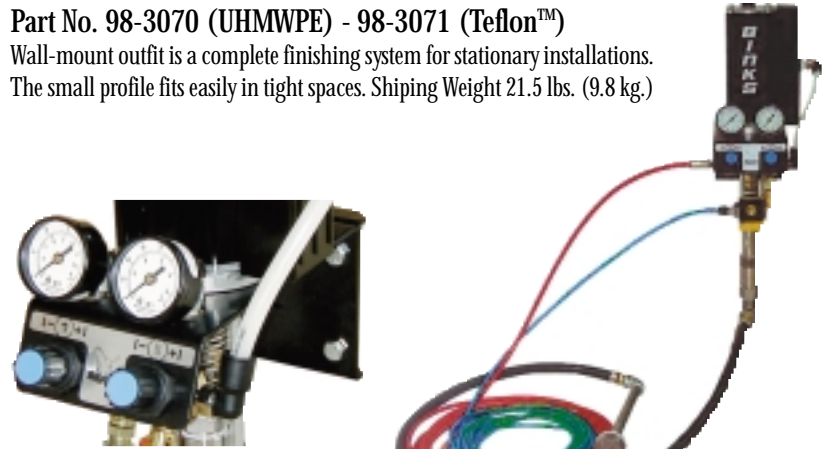
Wall mounted unit complete with gun and hoses	
UHMWPE packings . . . . .	98-3070
Teflon™ packings . . . . .	98-3071
Cart mounted unit complete with gun and hoses	
UHMWPE packings . . . . .	98-3072
Teflon™ packings . . . . .	98-3073
Wall mounted unit - no gun or hoses	
UHMWPE packings . . . . .	812290
Teflon™ packings . . . . .	812291
Cart mounted unit - no gun or hoses	
UHMWPE packings . . . . .	812280
Teflon™ packings . . . . .	812281
Raptor - Pump only	
UHMWPE packings . . . . .	812450
Teflon™ packings . . . . .	812451
Shipping Weight . . . . .	12.6 lbs (5.7 kg)

## Available Accessories

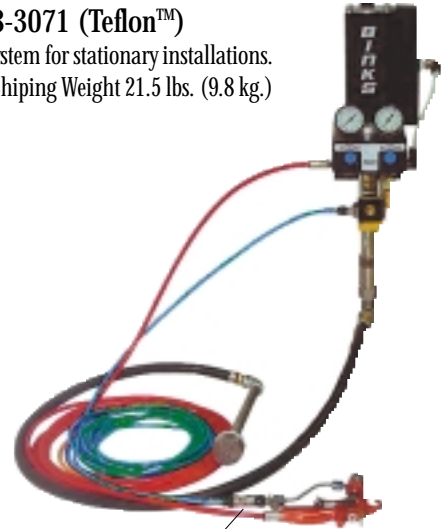
Fluid Regulator 300-2000 PSI : (4.4 - 30 bar):	84-420
Pump Outlet Fluid Filter:	103-1241
Fluid Tip (Included in Package)	.015
Tip Number:	113-01210
3/16" Fluid Hose	71-4995
1900 PSI (28 bar) , 25' , 1/4" N.P.S.	
25' Pneumatic Tubing Assembly	71-4991
Ground Wire Kit	873067
Wet-Sol Plus 4 oz. Packing Lubricant	863016
100 mesh gun filter;	54-2010
Air Motor Repair Kit	861030
Lower Pump Repair Kit	
UHMWPE	861110
Teflon™	861111
System Assembly Sheet	77-5199
Package Part Sheet	81228X
Pump Part Sheet	81245X
Air Motor	842009
Fluid Section	87111X



AA1500 Air Aisst Airless Spray gun  
Part No. 1500-1210-2  
Fluid Tip Part No. 113-01210  
(Included in Package)



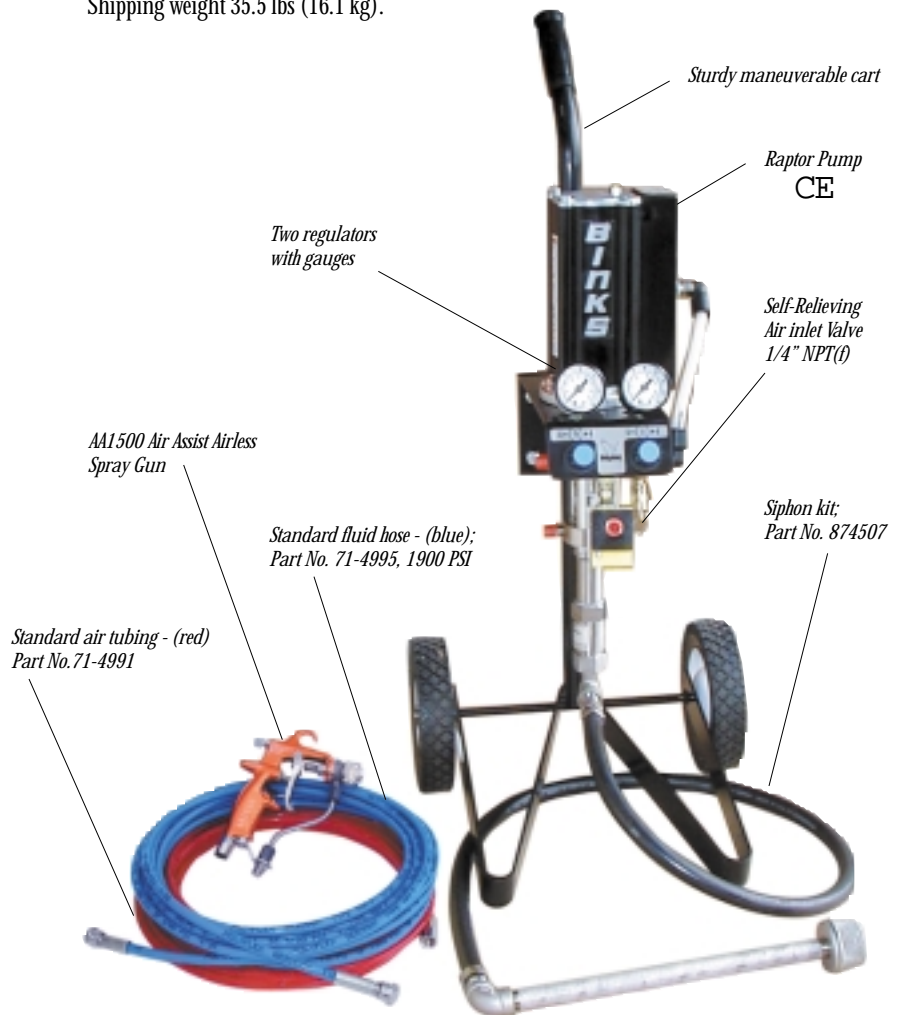
Every Raptor™ system includes 2 air regulators with gauges. One regulator (0-60 psi) controls the atomizing air to the AA1500 spray gun. The second regulator (0-100 psi) controls the air supply to the pump and is pneumatically limited to 80 psi. This is done to ensure that appropriate fluid pressure is delivered to the AA1500 spray gun.



100 mesh gun filter is part of each outfit; Part No. 54-5010  
Filter element 54-5012

## Part No. 98-3072 (UHMWPE) - 98-3073 (Teflon™)

Cart-mount outfit is a complete finishing system for mobile flexibility. This outfit includes pump, air controls, cart, gun filter, spray gun with tip and all standard hoses. Shipping weight 35.5 lbs (16.1 kg).



Sturdy maneuverable cart  
Raptor Pump CE  
Two regulators with gauges  
Self-Relieving Air inlet Valve 1/4" NPT(Ø)  
Siphon kit; Part No. 874507  
Standard fluid hose - (blue); Part No. 71-4995, 1900 PSI  
AA1500 Air Assist Airless Spray Gun  
Standard air tubing - (red) Part No. 71-4991



Sales and Service  
Through a Nationwide Network of Industrial Distributors



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