

ITW VECTOR



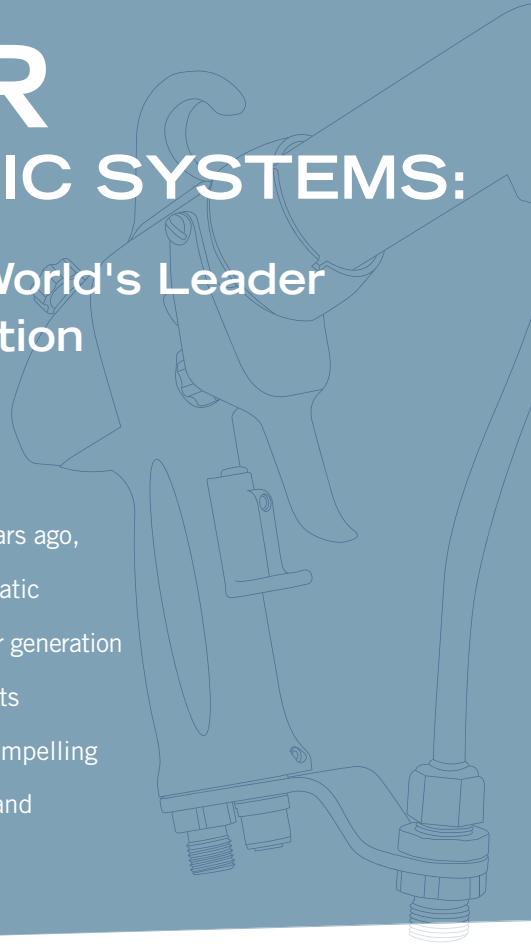
ITW RANSBURG VECTOR SYSTEMS

TRANSFORMING ELECTROSTATIC
TECHNOLOGIES

VECTOR ELECTROSTATIC SYSTEMS:

New Guns From The World's Leader In Electrostatic Innovation

Anyone in the coatings business knows the advantages of electrostatic technology. Since ITW Ransburg invented the process over fifty years ago, the industry has recognized the benefits electrostatic guns have provided their painters. Generation after generation of ITW Ransburg guns have yielded improvements making electrostatic spray technology a more compelling choice for companies seeking higher efficiency and quality improvement.



Vec • tor

n. A quantity that has
magnitude and direction.

SO HOW EXACTLY DID WE MAKE OUR NEW VECTOR GUN BETTER THAN EVER?

WE LISTENED TO YOU...AND THE MESSAGE WAS CRYSTAL CLEAR;

- Reduce the weight
- Increase durability
- Lighten the trigger pull
- Improve the finish and the transfer efficiency
- Simplify the electrostatic controls

We cut the weight 24% over other electrostatic guns! This improves operator comfort and reduces fatigue, both of which add up to improved productivity and job satisfaction.

GUN WEIGHT



The advent of Vector, has taken electrostatic spray guns to a new level. Improved ergonomics. Improved atomization and transfer efficiency. Improved durability. Improved electronic controls. That's the new Vector. Improved from grip to tip.

Improved Atomization and Transfer Efficiency

The new Vector design redistributes the pressure in the air cap adjusting the balance between the atomization and fan air. This causes paint particles to move slower through the charging field which allows stronger charging and more paint is delivered to the part with less waste.

Improved Durability

Vector guns utilize 25% less parts which greatly reduces the likelihood of failure and lowers the costs of future repairs. The thread design on the barrel has been made coarser for easier removal while reducing the chance for cross-threading.

Improved Ergonomics

All Vector electrostatic guns are constructed from lighter weight, stronger and more durable polymers. Designed to achieve a better, more balanced feel in the operator's hand.

We utilize state-of-the-art materials in the handle, barrel, trigger and air cap. Front to back and top to bottom, Vector guns are tougher and more streamlined with better weight distribution for improved balance and ergonomics. We also introduced oversized, coarse threads for the air cap retaining ring and fluid tip. The result? Easier cleaning and superior durability.



Trigger pull has been reduced by 50%, and the dual stage air valve eliminates air to fluid transition.



It all starts up front. Vector guns feature certified, pre-tested air caps designed to deliver consistency. The result is improved finish with less rejects.



What about control? Vector cascade guns incorporate triple set point control putting unparalleled voltage control and flexibility right at the user's fingertips. A single switch turns the voltage on and off and can move between three pre-selected voltage levels.

Improved Electronic Controls

Vector's control unit offers the operator triple-set point voltage controls, plus power on and off, right on the cascade gun. This microprocessor based control allows for data collection. This can correlate into the amount of paint used and parts painted.



Since the technologies inception, electrostatics have benefited users by:

- Significantly improving parts appearance
- Improving production capacity and speed
- Reducing paint costs by improving efficiency
- Minimizing VOC emissions
- Lowering maintenance costs

VECTOR SPECIFICATIONS



VECTOR R70



VECTOR R90



VECTOR AIR ASSIST



AVAILABLE
FALL OF 2006

CLASSIC

CASCADE

CLASSIC

CASCADE

CLASSIC/CASCADE

	CLASSIC	CASCADE	CLASSIC	CASCADE	CLASSIC/CASCADE
Atomization	Conventional Air	Conventional Air	Conventional Air	Conventional Air	AVAILABLE FALL OF 2006
Length	10" (25.4 CM)	10" (25.4 CM)	11.5" (29.2 CM)	11.5" (29.2 CM)	
Weight	16.0 Oz.	20.7 Oz.	19.5 Oz.	22.4 Oz.	
Air/Fluid Operating Pressures	100 psi	100 psi	100 psi	100 psi	
Tip Voltage	65 Kv	65 Kv	85 Kv	85 Kv	
Maximum Current	90 uA	90 uA	90 uA	90 uA	
Maximum Fluid Temp	150 F (65 C)	150 F (65 C)	150 F (65 C)	150 F (65 C)	
Maximum Fluid Delivery	1,000 cc/min	1,000 cc/min	1,000 cc/min	1,000 cc/min	

VECTOR OPTIONS AND ACCESSORIES:

Options:

- Multi-position mounting brackets
- High conductivity material fluid tubes
- Two or four finger trigger
- Round or fan spray

Accessories:

- Gun Covers
- Conductive Gloves
- Spare Parts Kits



VECTOR R90

VECTOR R70

ITW FINISHING SYSTEMS—THE SYNERGY OF LEADERS

Addressing today's industrial and automotive finishing requirements, ITW Ransburg is out to set new standards for quality, innovation and customer service. To maintain the leadership positions we've forged in the markets we serve, we believe it is our role to imagine the future needs of our customers and to be constantly improving our products and processes to meet those needs.

As the global innovator and market leader in finishing equipment, ITW Finishing Systems is able to offer quality products and a commitment to service. Customers worldwide benefit from our experience and capabilities.

THE BENEFITS ARE CLEAR

- Innovative Product Design
- Comprehensive Systems
- On-site Technical Representation
- In-house Labs
- Training Center
- 24 Hour Technical Support
- Nationwide Distributor Network

CONTACT YOUR AUTHORIZED ITW RANSBURG
DISTRIBUTOR TO FIND OUT HOW TO INVEST
IN OUR PRODUCTS.

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