

RANSBURG VECTOR

Greater paint savings with improved operator comfort

VECTOR is a complete series of new electrostatic spray guns from the World leaders in electrostatic innovation.

Ransburg®



Ransburg engineers have developed a completely new range of manual electrostatic spray guns that provide a significantly improved paint atomisation, transfer efficiency, durability and operator comfort with greatly simplified controls. That's the new Vector - Improved from grip to tip!

Vector guns are the cost-effective solution for all types of electrostatic painting processes with complete compliance with European Environmental Legislation.

Vector provides considerable advantages compared to any other electrostatic spray gun system:

VECTOR LP, R70 and R90

- Classic - The perfect combination of lightweight and simplicity
- Cascade - Designed for those applications where "on the gun" control of electrostatic power output is desired
- "Triple set point" Voltage control "on the Cascade gun"
- Spray fan adjustment "on the gun" Solvent and waterborne paint compatibility

VECTOR HP, AA90

- Redesigned electrostatic controllers – provide quick and simple operation increased durability, easy to clean and maintain

VECTOR SOLO

- Cordless portability and convenience - no generators or controllers

Superior atomisation and transfer efficiency

Ultra Lightweight gun with reduced trigger pull tension and improved operator ergonomics

Quick and easy to set up "straight from the box"

Lower running costs and reduced maintenance

FM/CSA and ATEX/CE approved

VECTOR

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Vector Overview

Description	R70 Cascade	R70 Classic	R90 Cascade	R90 Cascade W	R90 Classic
Part number	79501-XXXX	79504-XXXX	79500-XXXX	79523-XXXX	79503-XXXX
Typical Applications Explanation see at the bottom	Tier 1, A, RA, CV, CD, TC, WXP	Tier 1, CV, CD, EC, RA, TC, WXP	Tier 1, CV, CD, EC, RA, TC, WXP	Tier 1, A, EC, MF	Tier 1, CV, CD, EC, RA, TC, WXP
Max. Voltage (kV)	65	65	85	85	Conventional
Max. Current (µA)	90	140	100	100	140
Spray Type	Conventional	Conventional	Conventional	Conventional	Conventional
Weight (g)	650	555	735	735	620
Length (mm)	244	244	272	272	272
Suitable for Waterborne				■	
Nozzle Orifice (mm)	1.4/1.7/1.8/Round	1.4/1.7/1.8/Round	1.4/1.7/1.8/Round	1.4/1.7/1.8/Round	1.4/1.7/1.8/Round
Max. Fluid Delivery (ml/min)	1000	1000	1000	1000	1000
Air Pressure (bar)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)
Max. Fluid Pressure (bar)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)
Cable Length (m)	10/15/25/30	10/15/25/30	10/15/25/30	10/15/25/30	10/15/25/30
Air Hose L. (m)	10/15/25/30	10/15/25/30	10/15/25/30	10/15/25/30	10/15/25/30
Fluid Hose L. (m)	10/15/25/30	10/15/25/30	10/15/25/30	10/15	10/15/25/30
HV-On/Off Switch at Gun	■		■	■	
Cable Fault Detection	■		■	■	

A – Automotive AI – Aviation Industry AM – Agricultural Machinery CC – Crane Construction CD – Crack Detection

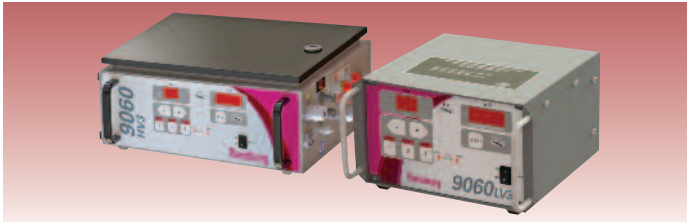
CV – Commercial Vehicles (Off Road, Tractor/Chassis, Truck, Bus) CP – Corrosion Protection CS – Consumables EC – Engine Construction MF – Metal Furniture

MC – Machine Construction PR – Protection RA – Release Agent SB – Shipbuilding SC – Steel Construction TC – Trade Coaters TRC – Trains/Carriages

WI – Wood Industry WP – Wind Power WXP – Wax Protection



	R90 Classic W	AA90 Cascade	AA90 Classic	Solo LP 65 kV	Solo LP 85 kV	Solo LP W	Solo HP
	79 520-XXXX	79580-XXXX	79581-XXXX	79965-XXXX	79900-XXXX	79901-XXXX	79698-XXXX
	Tier 1, A, EC, MF	AM, CC, CP, CV, SB, SC, TRC, WI, WP	AM, CC, CP, CV, SB, SC, TRC, WI, WP	Tier 1, AI, CS, CD, MC, TC, WXP	Tier 1, AI, CS, CD, MC, TC, WXP	Tier 1, A, EC, MF	AM, CC, CP, CV, SB, SC, WI, TRC, WP
	90	85	85	65	85	85	85
	140	65	90	130	130	130	130
	Conventional	Air Assist. Airl.	Air Assist. Airl.	Conventional	Conventional	Conventional	Air Assist.Airl.
	620	760	688	834	880	941	973
	272	260	260	257	320	292	270
	■	AA90 Cascade W	AA90 Classic W			■	Solo HP W
	1.4/1.7/1.8/Round	0.28/0.33/0.38	0.28/0.33/0.38	1.2/1.4/1.8/Round	1.2/1.4/1.8/Round	1.2/1.4/1.8/Round	0.28/0.33/0.38
	1000	1500	1500	1000	1000	1000	1500
	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)
	7 (100 psi)	193 (2.800 psi)	193 (2.800 psi)	7 (100 psi)	7 (100 psi)	7 (100 psi)	193 (2.800 psi)
	10/15/25/30 10/15/25/30 10/15	10/15/20/25/30 10/15/20/25/30 10/15/20/25/30	10/15/20/25/30 10/15/20/25/30 10/15/20/25/30	No Cable 10/15/20/25/30 10/15/20/30	No Cable 10/15/20/25/30 10/15/20/30	No Cable 10/15/20/25/30 10/15/20/25/30	No Cable 10/15/20/25/30 10/15/20/25/30
		■		■	■	■	■
		■					



Ransburg HV-Generator for Vector Classic Guns

Ransburg Control Unit for Vector Cascade Guns

Ransburg Power Supplies:

- The power supplies are microprocessor/software based which now allows production information to be gathered.
- This information can be used as a reference for the amount of paint used and the number of jobs painted.

Plug and Spray



Cart Packages



Aquapack

Gun	Vector AA90	Vector R90	Vector AA90	Vector R90
Pump	MX12/31	LP10/4, HP..	MX12/31	LP10/4, HP..
Technology	Air-Assis.Airless	Conventional	Air-Assis.Airless	Conventional
Weight	71 kg	50 kg	130 kg	100 kg
High Voltage Technology	Classic or Cascade	Classic or Cascade	Classic	Classic
Max. Voltage (kV)	85 kV	85 kV	50 kV	50 kV
Suitable for Waterborn			▪	▪

For further technical information refer to the relevant Service Bulletins.

Sales and Service through our Global Network of Industrial Distributors

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