



RED LINE

INDUSTRIES LTD.



ALPHA Portable
100 kV electrostatic
powder coating machine
in a briefcase

RED

LINE

setting benchmark standards ...
... for others to follow

The power of the **RED LINE** ALPHA Series machine.. ... take your 100 kV machine with you

The **RED LINE** ALPHA Portable gives you all the benefits of an ALPHA Series machine **PLUS** the convenience of taking it everywhere you wish to take it. The ALPHA Portable is housed in a briefcase to allow you to carry it with you for demos, powder trials, tests or simply for short production runs. The ALPHA Portable is a full-fledged 100 kV powder coating machine.

The ALPHA Portable is powered by the cup-gun configured N38 100 kV spray gun. This integrated spray gun with its unique electronic HV circuit and four cross-matched charging electrodes provide the highest chargeability and powder transfer efficiency available.



Other machines in the ALPHA Series:



ALPHA 2000 the standard
100 kV production machine



ALPHA 2K/2 the convenience
of 2 spray guns at a time

Technical Specifications

Input

Power supply:

110/230 V AC single phase with earthing (ground)

Power consumption: Approx. 30 VA

Compressed Air:

Max consumption: 10 NM³/hr @ 5 kgs/cm²

Max moisture content permitted: 1.3 gms/M³*

Max oil content permitted: 0.1 ppm*

(* recommended for all powder coating installations)

Output

Charging Voltage: 20 - 100 kV (-ve) controllable

Current: Limited to under 140µA with cutout

Manual powder spray gun

Weight: Approx 600 gms bare weight (with cup)

Type: 100 kV (-ve) with inbuilt HV generator

Input voltage: upto 8 V controlled at high frequency

Capacity of cup: Approx 300 gms (10 oz)

Powder deflector: Round 25 mm



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