



RED LINE
INDUSTRIES LTD.
An ISO 9001:2000 Company



NC201

LATEST GENERATION 100 kV
POWDER COATING MACHINE

SETTING BENCHMARK STANDARDS ...
... FOR OTHER TO FOLLOW



A 3rd generation powder coating machine for truly high performance results

RED LINE *NC201*

Built on the rugged and state-of-art technology based 201 platform, the RED LINE NC201 offers the user current technologies at down-to-earth prices. The RED LINE NC201 is a production machine with unmatched advantages and all the benefits of modern technology.

The electronics are over-designed to ensure that your machine works as well even with a 'dirty' power supply - the RED LINE NC201 will absorb many power surges, voltage spikes and filter out unwanted power signals. It is built to work over a wide range of power voltages and frequencies. This ensures uninterrupted high-performance results day after day after day.

The control panel, inside as well as outside, is user-friendly. The inside has three modules [a] the electronic power-pack to provide clean and regulated power supply to the machine, [b] the electronic control-pack to provide the desired results and [c] the pneumatic-pack to control the powder flow. Resettable fuses ensure you never 'run out' of fuses as they never burn out. Positive locks at both ends of the gun cable prevents the cable from slipping out when pulled.

The powder feed pump ensures smooth, puff-free powder flow upto high flow requirements. A vent on the hopper prevents pressure build-up in the hopper and unwanted powder flow from the gun.

The RED LINE 201 manual spray gun is made to current International standards in powder spray guns. Light weight and well-balanced, the 201 spray gun allows effortless powder coating, hour after hour. High density HV insulation keeps the user away from high voltage and the special electronic design of the spray gun ensures a long long life.



Technical Specifications

Input:

Power supply:

100 - 270 V AC, 50-60 Hz single phase with earth (ground)

- Spike protection and surge protection provided
- EMI filtration provided

Power consumption: Max 50 VA

Compressed Air:

Max consumption: 15 NM³/hr @ 5 kg/cm² (70 psi)
Max pressure permitted: 7 kg/cm² (100 psi)
Normal operating pressure: 2-4 kg/cm² (30-55 psi)
Max moisture content permitted: 1.3 gm/M³*
Max oil content permitted: 0.1 ppm*
(* recommended for all powder coating installations)

Output:

Charging voltage: 20 - 100 kV (negative) - infinitely controllable (Positive charging guns available on request)
Output current: Max 140 uA
Powder flow: 0 - 500 gms/min (17 oz/min) infinitely controllable

Manual spray gun:

Weight: Approx 600 gms (21 oz) without cable and powder hose

Input voltage: 0 - 5V at HF, controllable

Powder flow pattern generators: flat (fan) pattern nozzle & 12, 19, 25mm round

Powder hopper:

10 kg capacity, square with rounded corners

Attachments and accessories (optional extras):

- Extension muzzle upto 1000mm
- Hoppers of various sizes and capacities



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