

HI COLO

Electrostatic Powder Coating Equipment



2010

COLO-500 Series

A unique Powder coating machine built for high request customers who want to start with the basic model. The colo-500-PGC1 t is also a popular powder coating machine as a stand by option for mission critical operations.

Summary Of Benefits:

- Entire range of nozzles to select from for highest transfer efficiency.
- Light weight one piece, moulded 100 KV gun.
- Unique 3 - piece, Stainless Steel Hopper assists quick colour changes.
- Approved as per the European CE regulations

Technical Data

Power
Input voltage: 220/110V (according to client request)
Frequency: 50-60HZ
Type of protection: IP 54
Temperature range: 0- 50
Polarity :negative

Pneumatic Control:

Max input pressure: 10bar(145psi)
Opti . input pressure : 6bar (78psi)
Min . input pressure : 4bar (52psi)
Max. water vapour content 1.3g/Nm3
Max. oil vapour content : 0.1mg/Nm3A

Technical Data Same With PG1 Powder Gun



COLO-500 Series



DIGITAL display powder coating system

Simple, Operator-friendly controls for Ease of use with maximum results

For Fast Color Changes

Do you need to change the color often?

Then we would recommend the Vibration model which is designed to use the powder manufacturer's original carton.

Highest flexibility ,Minimal color change times ,

For direct transport from the original powder carton

Complete emptying of the powder box thanks to the tilted vibrating base, Integrated Fluidization

Machine weight: 58kgs

Double Control Unit System

For large production runs

COLO-500H-2

Powder gun 2pcs

Host 2 pcs

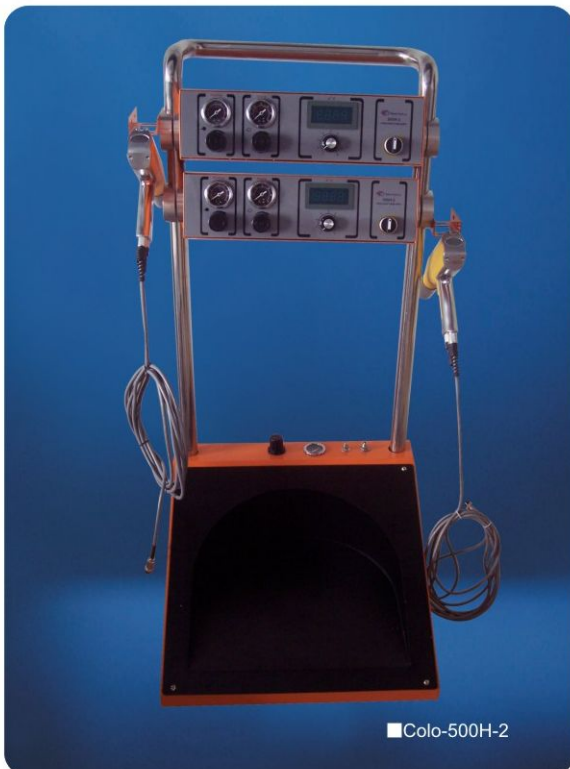
Powder pump 2pcs

Powder container 1pcs

Trolley 1pcs

Oil-water separator 1pcs

Air pressure regulating valve 1 pcs



COLO-610 Series



COLO-610 Series Gun *Pulse Power Technology*

- 0-100 Digital adjustable KV
- Fully Adjustable Amperage
- Pulse Power Technology for beating Faraday Cage Effect
- Able to cut pulse power on and off
- Fully Adjustable Air for Pump on Pressure , Dosage and Nozzle Rinsing Air
- Comes with Fully Array of Nozzle Assortment
- Field Tested and proven to operate in the toughest environments
- Comes with different array of delivery systems
- Box Feed
- Hopper Feed
- Cup Feed
- Because this system was designed with the Pulse Power Built in its electronics it is specially balanced for maximum spray capability with the smoothest finish possible , Only in a COLO!



pulse coating system ensures to save 10-20% of powder and can provide high quality coating

► **Merit of pulse coating**

- 1.Enhancement of coating quality
- 2.Reduction in coating material consumption
- 3.Effective coating for recessed place
- 4.Effective recoating
- 5.Decrease in orange peel

COLO-700 Series

INTELLIGENT *powder coating system*



COLO-800-2 Series

Double Manual Coating Equipment-structure



Trolley: size interchangeable with Gema Optiflex
 Powder hopper: gema coating or stainless steel model
 Spray gun: gema optiselect model

Dimenditions

Width	690mm
Depth	800mm
Height	1135mm
Weight	55kgs

Features And Benefits

Control unit: intelligent model



COLO-800 Series

COLO-800

–incomparable manual spray coating system

Colo-800 is the best choice of production –line
Colo-800 has a 50L stainless-steel hopper or gema hopper
which can be dismantled without tools to change color
Colo-800 it is the best choice for the workpiece of angle,
re-coating , metal powders



COLO-T Series

For laboratory tests

COLO-T- it is suitable for the laboratory and it can change color quickly and conveniently
Also can be used on the work table along with the frame to achieve small batch production



Powder Container



■ COLO-52A
36x 52cm



■ COLO-52B
36x52cm



■ COLO-MIN01
20x40cm



■ COLO-MIN02
20x30cm



■ COLO-MIN-B
10x20cm



■ COLO-62A
36X62CM



■ COLO-62B
36X62CM



■ COLO-62C
36X62CM



■ COLO-S01/02

Big tank (powder container)
For guns (auto or manual)
wheeled, stainless steel
size: 55x55cm / 68x68cm

Hopper

We can supply different sizes of high quality stainless steel powder container easier to clean and maintain, and can be dismantled without any tools.

45L or 55L or customized as request

COLO-2000 Reciprocator



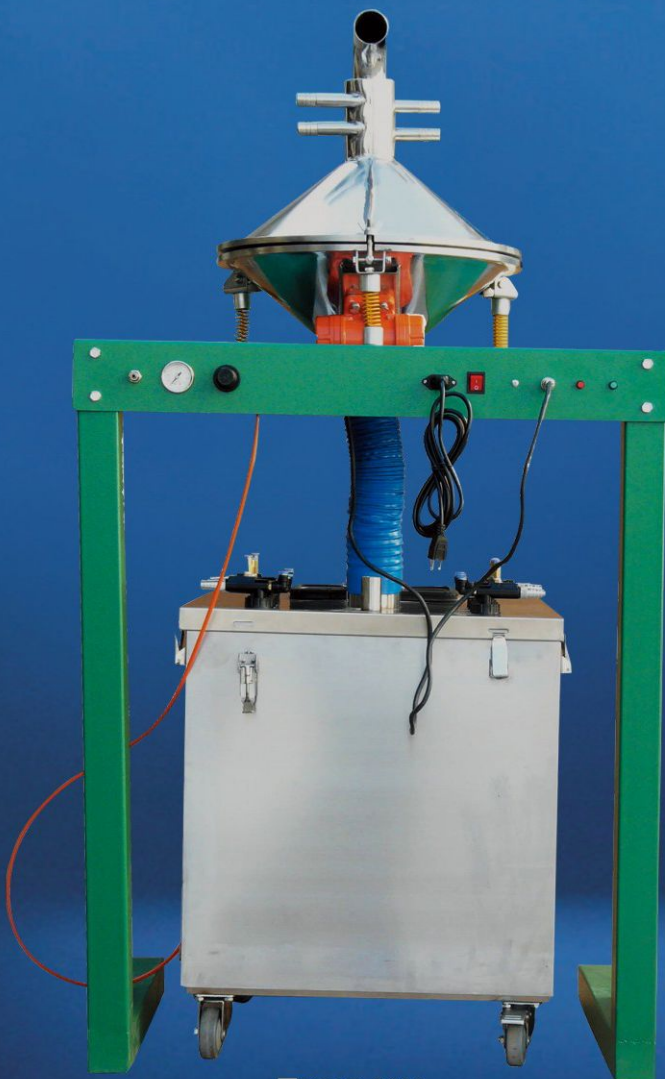
Smooth running characteristics for perfect coating results,
 Short stroke or long stroke – colo-2000 Reciprocator offers simple programming , smooth running and high loading capacity
 The benefits of colo-2000 reciprocator are :
 Long –stroke and short –stroke operation
 High loading capacity and stability
 Extremely smooth running through toothed belt transmission
 Maintenance-free AC motor
 Digital display of control unit

Technical data	
Stroke speed	0.08-0.6m/S
Acceleration	0.1-2.5m/s2
Loading capacity	max 50kgs
Voltage	220V ,50/60hz
Temperature range	0℃—40℃
General data motor	
Motor type	three-phase asynchronous motor
Power	0.75kw

Colo Automatic Powder Coating System Colo-3000/5000

Control system for automatic gun COLO-5000

Suitable for 3-8pcs automatic gun control combination centralized operation, easy maintenance, each gun has a separate adjustable high voltage supply unit to meet the requirements of different spraying equipment, the best to improve the efficiency



■ COLO-3000

Automatic powder cycling and recovery system

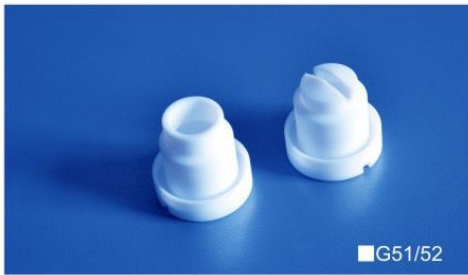
Advantages and characteristics

The system is able to continuously sent the powder being dropped during the process of spraying to the upper part of the butterfly powder screen and then the selected powder is sent to the centralized powder supply barrel which is in charge of continuously supplying powder to automatic guns or manual guns Easily cleaning and color alteration , and good airproof property High powder utilization rate

Technical parameters

Size of the powder supply barrel stainless steel 560x560x560mm
 Input frequency stainless steel screen
 Diameter 360mm 50-100mm optional
 Powder pump 8-10 optional
 Dimension 1500x600x600mm
 Vibration model electrical
 Power 220v/30w

Wagner/Nordson Parts



Gema Replacement Parts

Optiselect -manual



PG1/PG2A/Easyselect/Optiselect



Optiselect-automatic



PG1-COLO1



PG2-A



PG1-COLO2



Gema Replacement Parts



MANUFACTURED BY



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