



worldwide partner in industrial powder coating



Catalog 2012

Manual powder coating system



Colo-500-PGC1

PGC 1 Control module with the
PG 1 Powder Gun



Colo-500 Star

Colo-500 provides excellent transfer efficiencies, superior powder penetration and a quality finish. It is ideal for medium to large production runs.



Colo-900 T-C

Colo-900 T-C

Designed for small sample testing of power manufacturers. Cup gun hold 120 gram.



Colo-500 T-H

Laboratory units

Colo-500 T-H

The perfect solution for laboratory powder coating or small coating job applications

COLO-610 Series



Colo-610
(stand Hopper)



Colo-610 V
(box feed)



Colo-610T-C
(Lab Test)



Colo-610T-H
(For test and small batch)

The existing corona coating was difficult to coat a corner or recessed place with powder charged with a high current because of electrostatic repulsion. In an attempt to resolve such a problem, if you lower voltage and charge powder with a low current, it leads to weakened electrostatic force to cause powder to run down.

Pulse coating is a great and new style of powder coating that repeatedly charges powder with a low current and a high voltage at intervals of short time (15-30 clock per second).

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

**PULSE POWER PLUS
INTELLIGENT FUNCTION**

NEW



Technical Data

Weight of Gun	550 g
Length of Gun	330 mm
Power Source	AC220V/110V
Frequency	50~60Hz
Power Consumption	50W
Voltage Input	DC 24V
Voltage Output	100kV
Max. Current Output	180
Polarity	Negative
Max. Injection Capacity	650g/Min
Air Consumption	MAX. 13N/h
Temperature Range in use	-10~50

Features Manual Coating System

- Control units and powder guns are a perfect of coating efficiency
- Gentrification of coating by uniform coating thickness
- Convenient trolley is designed upon ergonomic
- 40 liter hopper unit simple to clean and fluidize the powder effectively



Incomparable manual spray coating system



COLO-800-2
Dual Gun Unit

When two operators are required Colo-800-2 can be configured as a Dual Gun Unit. Both operators each have a powder coating gun, control unit and pump that use powder from the same container and cart



COLO-800V
Vibratory Box Feed Unit

For quick and easy color changes, the Colo-800V manual box unit is your perfect choice. It is designed to use the powder manufacturer's original carton.



COLO-700T-C



COLO-700T-B



Incomparable manual spray coating system



COLO-800D-A



COLO-800-B

It is the best choice for production line.

Far corners and recessed parts can well be sprayed, outstanding spraying effect can be obtained for re-coating.



COLO-800D-AUTO

Technical Data

Electrical data

Power range	220V/110
Frequency	50HZ /60HZ
Temperature range in use	-10 +50

Powder Gun

Gun weight:	500G
Input voltage	24VDC
Maximum output current	180Ua(max)
Maximum output voltage	0-100KV (adjustable)
Maximum powder injection :	600g/min
Polarity	negative (-)

COLO-660 is COLO innovative design with four pre-programmed control options for easy of coating of variety parts based on many years improve



Flat Mode

Maximizes voltage for superior transfer efficiency with coating flat parts



Recoat Mode

Adjusts the voltage and current automatically for recoating of parts



Complex Mode

Adjusts the voltage while holding current when coating complicated shapes and corners

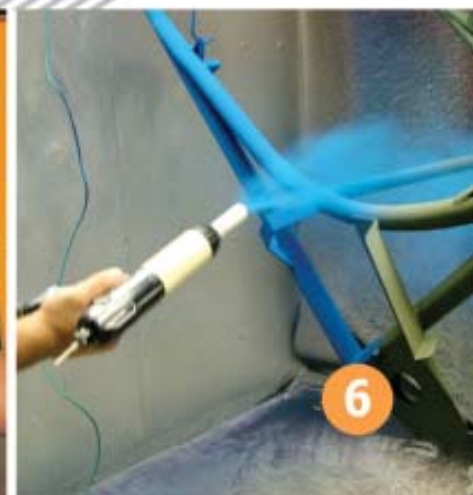


Pulse Mode

Rapidly recharges the powder to coat complex shapes



Allows user manually adjust the voltage as needs



Control Cabinet



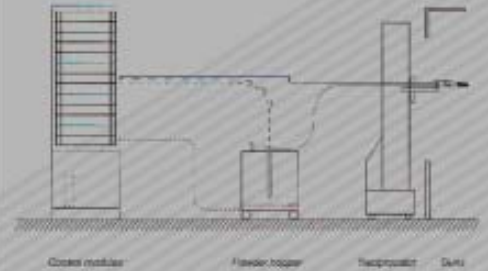
COLO-5000-OPT



COLO-5000-800D



COLO-5000-610



Automatic powder coating system

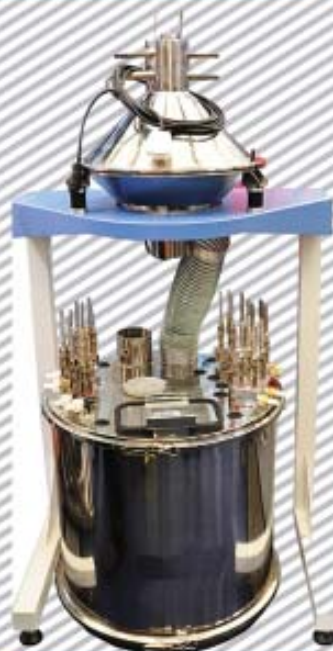
Central control system for multi automatic guns

- Featured with expandable and economic advantages
- Provide the general control function of main electricity and air
- Easy for operation and maintenance
- Size can be custom-made , 2-12pcs control units available

Powder Sieve Machine



COLO-3000-S



COLO-3000-R

COLO-3000

powder coating recovery equipment for recycle the powder coatings with the capacity of 80kgs-100kgs used in the automatic powder coating lines. Import motor ensure the lifetime

Hopper size aviable

55x55cm

68x68cm

60x65cm



COLO-2000D



COLO-2100D

Automatic reciprocator

Frequency-adjustable reciprocator is specially designed for high quality powder coating, it can carry up to 6pcs spray guns and optional for wet painting guns as well

The benefits of colo-2000D :

- 80 storable programs
- Frequency: Japanese Mitsubishi

The benefits of colo-2100D :

- 8 storable programs
- With password lock function
- Different speed in different stroke to meet complex workpieces coating
- Frequency: Hongkong- TTK

Technical Characteristics

- Power supply : AC 220V/110V 50HZ-60HZ
- Power motor : 0.75KW
- Sweep speed : 0~50m/min
- Acceleration: 1M/Second
- speed adjustable by inverter.
- Low limit setting by potentiometer
- Environmental : 0~50 degree
- Star signal model : digital display
- Max load capacity : 25 kgs
- Motion Range : 0.3~2.5M (Can be setting)
- Point delay time : 0-5sec (optional)
- Maintenance-free motor
- Extremely smooth running through chain
- High loading capacity and stability
- Long-stroke and short -stroke operation
- Stroke : 1.5m/1.8m/2m/2.5m





Colo-PG1-01



Colo-PG-2A



Colo-Opti-01



Colo-Optigun

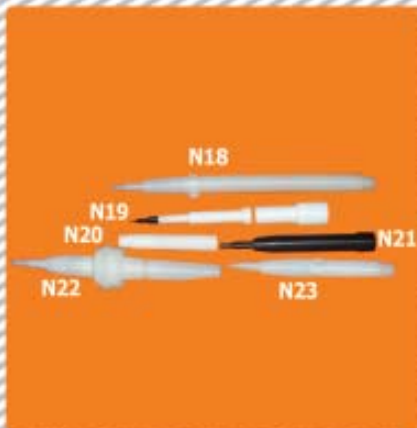


Colo-Opti-02

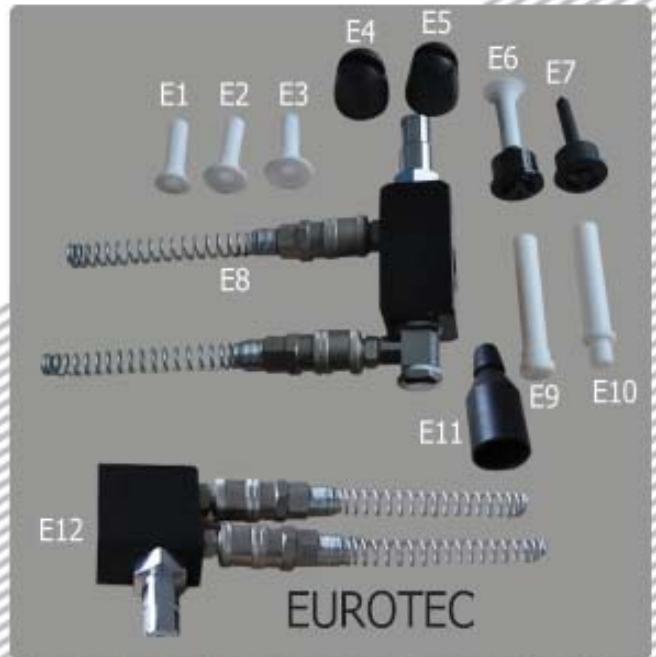


Colo-Optistar





Spare Parts Replacement



Powder Container



Colo 52A



Colo 52B



Colo MIN01



Colo MIN02



Colo MIN B



Colo 62A



Colo 62B



Colo 62



Colo 62c-2



Colo 40A



Colo 40B



Colo 40C



Colo 40D



Colo R01



Colo S01/S02



Spare Parts

Spare Parts



COLO-660



COLO-800



PCB



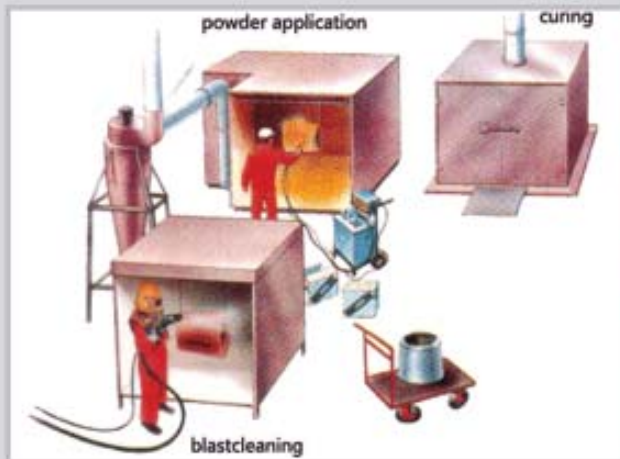
Cascade



Trolley

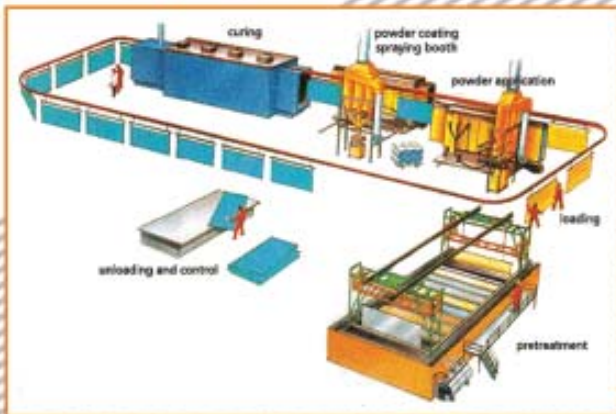


Powder Coatings



**Custom sizes
are available**

**Manual coating
system for small
batch coating Job**



We provide professional service of designing, manufacturing, assembling, commissioning and training in the coating industry. We have built up many projects in China and abroad. , we are able to "Right-sizing" your powder coating system.

Details:

- 1) Pretreatment: Dipping pretreatment with overhead crane, or fully automatic spraying pretreatment
- 2) Conveying system: closed-circuit conveyor, power and free conveyor, multi-track conveyor, and so on
- 3) Oven: batch oven, combination oven, bridge oven, tunnel oven
- 4) Powder coating booth: stainless steel booth or coated steel booth
- 5) Powder recycling facility: cyclone system or cartridge filter system
- 6) Control system: PLC control, with or without touch screen
- 7) Spray gun and reciprocator



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