

Powder center for fast color changes and improvement of productivity

The powder feed central system provides fast color change. The automatic spray gun, various powder hoses, and injectors will stay clean automatically during color change. A filter system maintains a comfortable indoor environment by transferring dusts during cleaning. The unit is fully programmable.

The powder position sensor will detect the position of the powder. A lack of powder will signal a warning which will fluidized the powder barrel: 100 liter capacity. The cover extends the capacity and will prevent the powder from wafting.

Shake table: If you do not use the fluidized powder box, the powder can also be placed directly in the original packing carton shock stage. From there the powder can be pumped directly from the carton supply to the powder gun. It does not require cleaning when changing the powder coating box.

The automatic sifter contains a screen which removes impurities contained in the recovered powder.

Control System: Touch screen operator panel and keyboard input Increase the supply of new powder automatically. Automatic matching of old and new powders together.

TECHNICAL PARAMETERS

1. Power supply voltage: 1P 220VAC (110V)
2. Power: 500W
3. Air pressure: 0.6-0.8MP
4. Can be equipped with up to 16 powder pump



ADVANCE FEATURES

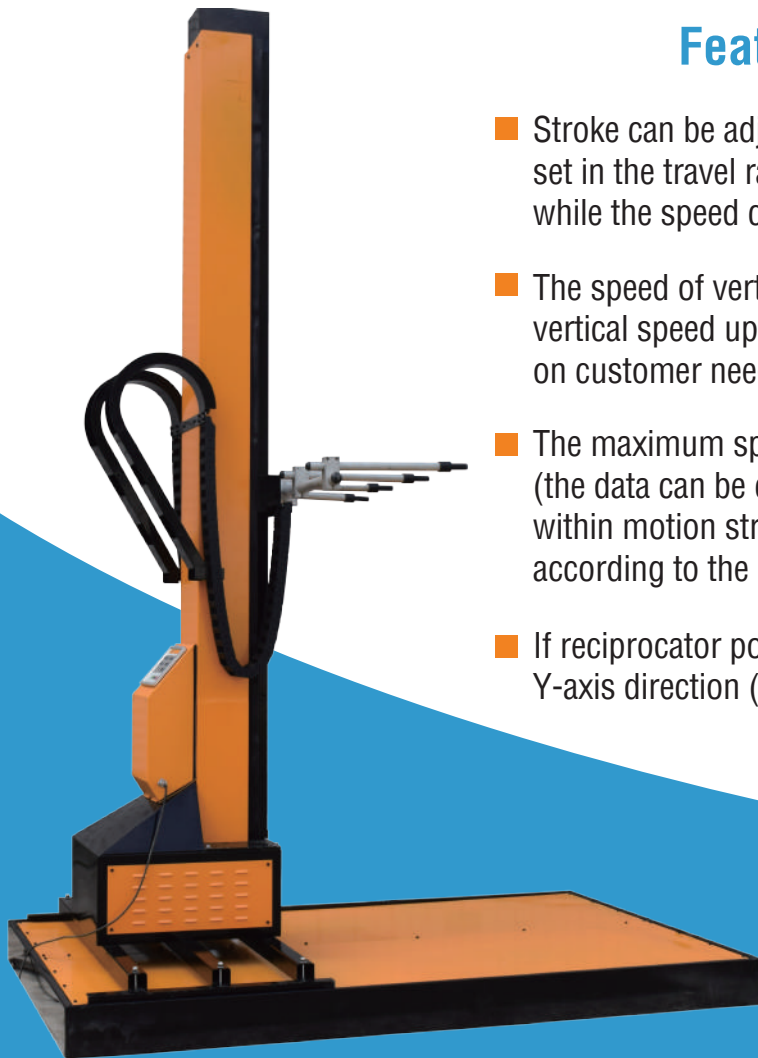
- Powder barrel lid design saves powder
- Original packaging for direct supply powder
- Nested structure design, cleans thoroughly
- High quality fluidization is achieved through vibration from our newly designed fluidized plate and powder
- Powder-bit auto-detection alarm
- Increase the supply of new powder automatically
- Automatic matching of old and new powders together.

Automatic Reciprocator

The programmable two-dimensional and three-dimensional intelligent controllable reciprocator is specially designed to improve the working efficiency and coating quality. The equipment can meet the highest requirement of coating quality, as the ideal product for improving surface finishing coating design.

Features and Advantages

- Stroke can be adjusted in the controller; each part can be arbitrarily set in the travel range of the upper and lower limited position, while the speed can be set in a certain range.
- The speed of vertical direction in X-axis can be segment adjustable; vertical speed up to 78m/min (the data can be customized based on customer needs).
- The maximum speed of fore-and-aft direction in Z-axis is 10m/min (the data can be customized based on customer needs), adjustable within motion stroke range. There is a corresponding motion control according to the detection of part position signal.
- If reciprocator position changed, Z-axis direction would move to Y-axis direction (moving with the production line)



2Axes long-stroke reciprocator

Technical data

Standard stroke	1000-2000
Lifter loading	40kg
Speed range	0-1M/S (Variable frequency adjustable)
Voltage	220V AC±10%
Power	0.75KW 0.37KW
Up and down point delay	(Up and down point movement, adjustable)



Horizontal reciprocator



COLO-2000D

Frequency-adjustable reciprocator is specially designed for high quality powder coating, it can carry up to 2-12 pcs spray guns and optional for wet painting guns as well

Feature of the reciprocator:

- 80 storable programs
- Frequency: Japanese Mitsubishi

Technical Characteristics

COLO-2200D

COLO-2200D Reciprocator is electrically driven by a frequency control motor via PLC, give gentle and precise motion, thus ensuring perfect coating result. It is wheeled for easy moving and fix, the slim column design allows for space saving arrangement of the guns.

Feature of the reciprocator:

- Could store 20 programs
- Easy operation
- Smooth and accurate running
- Solid and maintenance free
- Height or the stroke adjustable and customized

Powe supply	AC 220V/110V 50HZ-60HZ	Stroke	1.5m/1.8m/2m/2.5m
Power of motor	0.75kw/1.1kw	Speed	0-0.8m/s(0-50m/min)
Speed	0~50m/min	Standard size	850*680*2970mm
Max load capacity	25 kgs	Weight	295kg

Powder Sieve Machine



COLO-3000-S



COLO-3000-R



COLO-4000



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.

COLO-4000

To semi- Automatic recycling the powder lost in the process of electrostatic powder coating on metallic workpieces.

Central control system for multi automatic guns

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



COLO-PGC1A



COLO-800DA



COLO-660A



COLO-5000-PGC1



COLO-5000-800D



COLO-5000-660



COLO-5000-161S



COLO-161SA



COLO-668A



COLO-5000-668