

## Electrostatic Spraying Equipment for Paint & Lacquer Charjet L

**Total Liquid Painting Solution, Amazing Quality Finish, Phenomenal Savings**

### High Quality Finish & Maximised Paint Saving Through Charjet L

The conventional systems suffer from the drawback of extreme paint wastage. This drawback is overcome by Charjet L electrostatic spray equipment. The charged paint in Charjet L gets attracted towards the grounded article providing wrap around effect resulting in phenomenal paint saving and good edge coverage. In case of spherical/tubular objects, this saving is even more, as greater area is covered by the wrap-around effect.

#### Applications :

Charjet L is ideal for mass production articles such as automobile components, fan, furniture, bicycles, LPG cylinders, lacquer coating, lighting fixtures, control panels, drums etc.

### Auto Electrostatic Spray Gun

Auto electrostatic spray gun is ideal for mass production articles where paint consumption is very high. The gun can be mounted on reciprocators.



#### Technical Specifications :

Input Voltage	Air Pressure	Paint Pressure	Hose/Cable Length	Paint Output	kV
230 V AC at 50 Hz	7 kg/cm <sup>2</sup> Maximum	5 kg/cm <sup>2</sup> Maximum	5 meter each	700 cc/min	70 kv DC (-ve)* displayed on LED

\* +ve charging can be supplied on demand for paints like teflon, nylon

## Paint Transfer Pump-Prapat

A pump in the paint spraying system is used for ensuring uninterrupted, uniform and filtered paint feeding to the spraying equipment.

The pneumatically operated piston type pump is a compact and sophisticated option to the conventional pressure feed container. Prapat provides uniform and easily controlled delivery. It is easy to monitor as suction hose is dipped in the paint container. Its design is sleek, light weight and ensures great reduction in paint wastage in the process of cleaning and colour change.

Papat II is recommended where the number of guns are more and for bulk paint transfer.

#### Technical Specifications :

Important Parameters	Prapat	Prapat II	Optional
Pump Ratio	1:2.5	1:5	Trolley Mounting
Max Fluid Pressure	14.2 kg/cm <sup>2</sup>	32 kg/cm <sup>2</sup>	or
Max Fluid Output	4.5 ltrs/min	20 ltrs/min	Bracket Mounting



Nozzles (Optional)



Round Spray Pattern  
(For tubular / small articles)



Flat Spray Pattern  
(For flat or big articles)



# Accessories

## Container



Capacity available - 20 Ltrs., 30 Ltrs., 50 Ltrs., 100 Ltrs.

For better quality painting we give closed S.S. container that will avoid rust etc. contaminations. & for paint storage we offer different capacities of S.S. containers. With trolley on which stirrer & transfer pump can be mounted. There will be cover with openings for paint feeding.

## Stirrer



Any paint when not in use, settles down. With time, bottom portion of the paint gets thicker. Because of Viscosity difference, Shades change drastically. To avoid this, continuous stirring is necessary. Stirring is done at 360 with the pneumatic motor.

**Model ST I :** For general viscosity paint.

**Model ST II :** For medium and high viscosity paint.

## Mobile Paint Circulation System



All spray equipments are mounted on mobile trolley with quick cleaning facilities.

### Important Features :

- Paint circulation, colour change, cleaning can be done with minimum hose length.
- All connections in S.S,
- Filter choking can be monitored through pressure gauges.
- Additional filter provided, if filter chokes on line changeover is possible.

## Liquid Paint Booths

Along with the world class Electrostatic Liquid painting Equipments; Statfield is a master manufacturer of two Principal types of Liquid Paint Booths as well.

### Water Wash Type

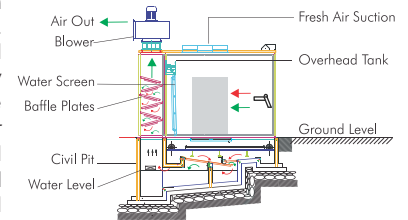
#### Side-Draft

The Over sprayed paint is Sucked towards the water flowing continuously over the screen. The turbulence is created below the screen & sludge is formed. The water and the sludge are separated in the filter at the bottom tank. The clean water is pumped again to the top tank and flows over the screen. The air is sucked by the blower through the baffles where in the last paint particle is separated. The baffles are very effective and can be removed, cleaned easily. The booth is very sturdy and used for heavy production schedules. It has more efficiency as compared to the dry booth. The blower is mounted on the separate structure. The Sound level is as per norms.



#### Down Draft

The booth is available in water wash and dry versions. Here air draft is created downward. Article is normally kept stationary and the operator moves around. Over sprayed paint is Sucked towards bottom. Material movement can be on ground trolley or by overhead conveyor.



### Dry-Type

#### Side-Draft

This booth is recommended when paint consumption is less and/or water is scarce. Metallic filters are used for arresting over sprayed paint. These filters are removable and can be cleaned easily. Over Sprayed paint is arrested in these filters. The velocity provided in the booth keeps the atmosphere very clean.

- Additional filters can be given to release clean air in the atmosphere.
- Article can be kept on turn table.
- Rails to take job in / out.



#### Down Draft

In this booth, metallic filters are provided to arrest the over sprayed paint on the floor. As the name suggests, there is no water in this booth. the booth employs metallic filters at the bottom. These filter are easy to remove and clean. The booth environment is very clean.



#### Additional Features:

1. For best paint results, humidity control with heater / chiller can be provided.
2. To arrest paint fumes additional absorption filter.
3. For additional dust protection pressurization can be provided. can be given.



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