Water curtain Booth

The WATER WASH SPRAY PAINTING BOOTH provides an extremely efficient means of removing paint particles from the exhausted air by using water as a filtration media, have designed the WATER WASH SPRAY PAINTING BOOTHs for many finishing applications. Standard WATER WASH SPRAY PAINTING BOOTHs are utilized for high volume paint usage, medium or large sized components and batch processes.
WATER WASH SPRAY PAINTING BOOTH contains special features like water tank or over spray paint collection disposal tank, specially designed eliminators (baffles), saw tooth plates, washing chamber and high pressure exhaust blower. This type of painting booth is more popular where the paint consumption is 10-100 liters/shift, heavy paint consumption, high production and/or for any component.

Working of WATER WASH SPRAY PAINTING BOOTH is very simple. When the paint is sprayed on the component the over spray is sucked rapidly by the high pressure centrifugal blower through the saw tooth plate and the eliminator. During the above process the paint waste particles get cut at the saw tooth plate thereby separating the thinner to the exhaust blower and paint waste into the tank. More finer spray dust is eliminated in the washing chamber. Paint is actually washed in this chamber.

The best advantage of WATER WASH SPRAY PAINTING BOOTH is that lumps of waste paint is collected in the collection tank thereby helping the user to dispose it easily.

In the manual booths we can paint up to 500 sq. feet per shift, this will increase the production.
A **clean room** is an environment, typically used in manufacturing or scientific research, with a low level of environmental pollutants such as dust, airborne microbes, aerosol particles, and chemical vapors.

The air entering a clean room from outside is filtered to exclude dust, and the air inside is constantly re-circulated through high-efficiency particulate air (HEPA) and/or ultra-low penetration air (ULPA) filters to remove internally generated contaminants. Some clean rooms are kept at a positive pressure so if any leaks occur, air leaks out of the chamber instead of unfiltered air coming in.
Guns, pumps and Painting Station

A spray gun is the key component in any finishing system – whether the application involves large-scale industrial finishing or delicate precision painting. The right tool for your application is a special combination of several factors. These include the delivery system and atomization method, as well as the spray gun’s air cap, fluid tip and needle combinations. The best tool for the job will allow you to maximize the finish quality in a minimum amount of time.
Drying Trolley and Portable Sanding Unit

Drying table :

The drying table used to move the painted sheets from painting place to pressurised room. The panels are placed for drying depends on the drying time of the paint. There are 10 divisions in this table, and the trolley is expands from 15” to 53”. Table is desigined in such way that we can easily move from one place to other. For moving the trolley we provided handles and the worker easily move the trolleys, and each division in the trolley has the capacity of lifting 70kgs.

Sanding table :

This table is used to do sanding before the painting operation. The sanding is made to make the surface smooth, for getting good finishing.

* Dust collector with 1 Hp motor having two bags and each bag having 18kg collecting capacity. (optional)