

The coating Plant

PRE-TREATMENT

Before the workpieces can be coated, they must be freed of all contamination such as grease, oil, dust, etc. In function of type of pre-treatment, suitable capability is needed.

Examples are chemical etching, sandblasting, degreasing...

THE ELECTROSTATIC CHARGING POWDER SPRAY

Standard version of the electrostatic equipment always consist of control unit, a powder container and a powder gun, that can be fitted with a number of different nozzles according to the application.

THE POWER CIRCUIT

Even when the powder particles are properly charged, may miss thier target. The workpiece. Spray booths are operate to confine the extra powder. Cabin with powder circuit allow to recover and reuse the overspray, for high sustainable process.

THE OVEN

After the spray application, the powder has to be cured into a oven, with no delay to avoid lose of powder due to discharge phenomena. The final coating finish depends on the accuracy of the thermal treatment.

