

Wood Finish Sublimation Machine developed by us is very popular for Aluminum Profiles, Doors and Sheets for architectural coating.

The object (Profile, Sheet/Door or accessories) will go under following Process:

1. It is coated with base coat Powder usually Polyurethane Powder.
2. Profiles are wrapped with Wood Grain effect film by using two-sided adhesive tape.
3. After bagging individual profile, it is put on Profile Jig having number of vacuum heads. The profile with film is fixed with suction head tightly and vacuum is applied to it. Once Jig is full of vacuumized profiles it is conveyed by conveyor / manually in Baking Oven. Baking oven temperature is 180-200°C and Jig is to be kept in oven for 8-10minutes.
4. After baking time is over the oven doors are to be opened and Jig will be retrieved back to the original position. At this stage to separate out the film compressed air is blown in profile bag.
5. For sheets and doors there is separate fixture with trolley called as "Membrane Fixture". At a time two Sheets/Doors can be placed in the fixture and after placing film on sheet it is processed under vacuum.

CONVEYORISED POWDER COATING PLANT



WOOD FINISH ON PROFILE



We have installed number of **Wood Finish Sublimation Machines** and Powder Coating Plants in India and In Middle East. They are fully Automatic/ Semiautomatic or Manually Operated. Powder Coating Plants are Custom designed as per requirement and we provide economic solution to individual needs.

We also Manufacture CED coating Plants for Automotive Components and have supplied such plants in India and Middle East.

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