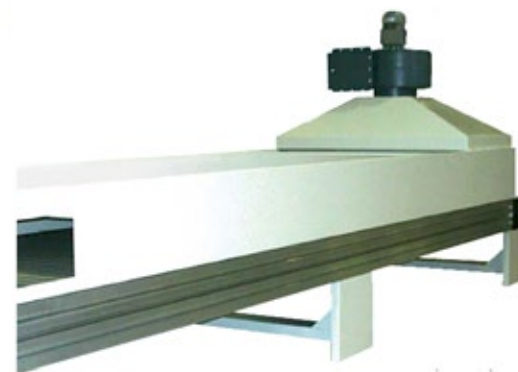




Flat Dryers



Our Linear Dryers include different types of air flow depending on the drying requirement.

Laminar / Counter-Flow Ventilation: The airflow goes from the end of the tunnel towards the in feed. Such laminar ventilation basically removes the solvent from the drying hood and exhausts it outside. Various modular units can be combined to achieve the optimum drying effect. The UMI air inlet unit can be equipped with a heating fluid battery or an electric heating coil, or even IR lamps with step less controls. The air movement is completed by the covering and the UMA air exhaust unit. Air change is 100%.

AIR JET: The air is blown at a very high speed through round nozzles uniformly distributed on the whole roof of the drying hood. This is particularly effective in case of water borne materials and stains. Air exchange is adjustable. The dryer can be equipped with IR lamps with step less adjustable power and of various wavelengths.

AIR BLADE: The air is blown through narrow openings placed crosswise to the panel feed. The air blades uniformly blow high-speed air on the whole width of the boards, the special design of the hood also achieves a good laminar effect due to the immediate air recovery from both sides. Air exchange is adjustable. The hood can also be easily equipped with IR lamps. This dryer is often used to achieve the temperatures necessary to cure catalyzed materials.

IDRO: A special fast flash off system for water-borne lacquers; it uses Infrared irradiation with various wave lengths in the different phases of the process together with forced Laminar and Air Blade ventilation. This combination activates the evaporation process from deep inside the lacquer layer towards the outside. Its main advantage is the drastic shortening of the drying cycle and the shortening of overall line length.

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