



EUROTECH WAY



WITH HIS MADE IN ITALY



PRESENTS TO THE WORLD



DRIER

*It is not an invention of the advertising, but the result of years
Research at the service of technological innovation.*

The innovative Dryer Model ICR, was created from the need to dry any kind of inks or glaze, using a high-tech heating system, with a special insulating material to reduce power consumption. The dryer being modular, can be adapted to any customer requirement, processing glasses of all sizes up to Jumbo plates. The following are the main features of the new dryer:

❖ HEATING UNIT

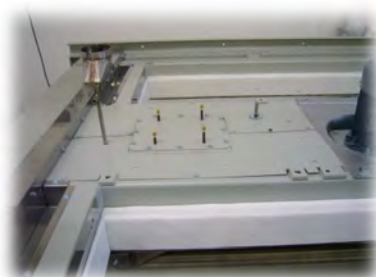
1. MODULES OF HEATING

- Supporting structure in painted steel;
- Insulation of the module dimensioned according to the temperature;
- Internal lining of the module in AISI 430 reflecting amplifying the calorific power of the equipment in charge;



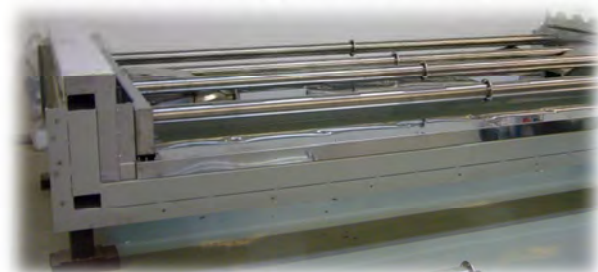
1. HEATING SYSTEM

- It consists of gas catalytic panels in the upper part, by armored resistances in the lower part;
- Heating system with forced convection of hot air in a closed circuit for energy saving;
- Controlled temperature in independent way, left / right, up /down to the rollers, and each module can have different thermal profiles;
- Perfect thermal balancing due to the independent adjustment of the temperature curves and constant control of the ricirculation air volumes inside the chamber



2. VENTILATION SYSTEM AND RECIRCULATION

- Fans controlled by inverter for a specific modular use.
- By entering hot air inside the heating chamber through the blowers tubes, allow a proper distribution of the heat on the glass in transit;



3. LIFTING SYSTEM

- Using mechanical jacks, and with relevant safety devices anti-fall, the upper modules of heating, is lifted upwards by 500 mm;



❖ COOLING UNIT

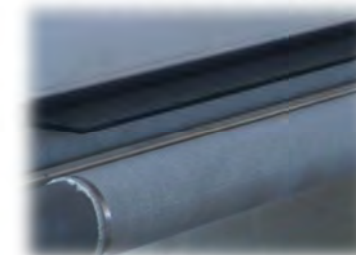
4. VENTILATION SYSTEM AND AIR RECIRCULATION

- Distribution systems of cooling air independent: one for the top and one for the lower part of the glass;
- air distribution system composed of pipes with slots for direct cooling, and closed tubes in which recirculates the air for an indirect cooling;
- Through inverters on the fans, possibility to have different temperature profiles in the upper and lower rollers;
- Evacuation chimneys of hot air provided with adjustable suction independently in each module



❖ ROLLER OF TRANSPORT (heating-cooling zone)

- Transport rollers in steel coated with double braid fiber directly on the roller, and a second outer coating with stainless steel braiding in AISI 316L in contact with the glass

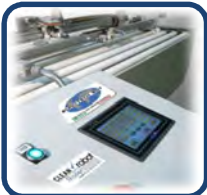


- The management of the whole kinematics, volumes and temperatures of the machine is controlled by PLC settable by touch screen operator interface





EUROTECH WRAY
ICR 3300



CLEAN ROLLER ROBOT

- Robots for cleaning and polishing of fused silica rollers for glass tempering furnaces



SCREEN PRINTING MACHINES



DRYERS



EDGES ROLLER COATING MACHINE



ROLLER COATING MACHINE



ROLLER CONVEYORS TRANSPORT, SQUEEGEES SHARPENING MACHINE, LIFTING BENCHES, CONVEYORS BELT, MANUAL SCREEN PRINTING TABLES AND MUCH MORE

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