The state of the art of the rotational molding: productivity, flexibility, reliability and ease of use.

Choice for simultaneous productions of parts having various cycles: changes of materials (PE, PP, etc.), multiple thicknesses and different complexity and duration of the loading and unloading depending on the numbers of inserts, clamps, frames etc.

Each carriage with its arm, passes from one station to the next one in complete autonomy with totally independent rotations speeds and temperatures sets.

The machine has a modular design: is prepared to add the second, third and fourth arm (straight or offset) in an easy and fast way in the future.

**SPECIFICATIONS**

- High insulating wall structure of the oven for energy-saving and doors with modular panels thermally preformed;
- Modulating burner with electronic control to optimize the combustion;
- High efficiency ventilation system with automatic adjustable blades to optimize the heating of the moulds;
- High load capacity of the straight and offset arms, interchangeable in a single block and fast balancing system;
- Transmission with robust gears, driven by AC motors and inverters to control the speeds;
- Cooling chamber in stainless steel with high-efficiency blowing fans to work with air or water spray;
- Touch screen operator interface for the complete management of the processing cycle, visualization, setting of the oven temperature and to control all the functions;
- Electronic safety barriers complete with photocells;
- Visual and acoustic alarm circuit;
- Satellite console to facilitate the operator functions.

**WORKING CYCLE**

- The machines have up to 6 stations for maximum flexibility:
  - Cooking and moulding of the part;
  - Intermediate position waiting for the cooling;
  - Mould cooling;
  - Waiting station and opening moulds position;
  - Loading material into moulds;
  - Pre oven station to operate for the second layer or sandwich;
- Based on the needs, the configuration can be arranged differently.

**OPTIONAL**

- Intel oven: automatically adjustable blades in the oven;
- Air humidifier for greater cooling capacity;
- Water recycling pump;
- Cooling station with semicircular sliding doors in stainless steel;
- Intel arm: measuring in real-time the temperatures in the mould;
- Arms with supplementary airways for drop box or Venturi tube;
- Personalized platforms, available movable or fixed;
- Software for moulds electronic balance;
- Mould indexing position for loading and unloading;
- Automatic management cycle;
- Teleservice via modem, GSM or internet.

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**MODEL**

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