

Optimal choice for the production of articles of large dimensions, with different cycle durations. Configuration with a central oven and 1,2 or 3 (world exclusive) polyvalent stations which can be added later.

The carriages enter alternately into the oven and return to its own station for the cooling and for the operations of the parts extraction and loading of the material for the next cycle.

Maximum flexibility and versatility: the same arm can perform two consecutive complete cycles while the other one is on hold or maintenance or replacement straight/offset arm. Small footprint for configurations with 1 or 2 carriages.

The oven is realized with special insulation panels, fixed and mounted on carriages for high insulating capacity.

SPECIFICATIONS

- High thermal insulated oven for energy-saving ;
- Modulating burner with electronic control to optimize the combustion;
- High efficiency ventilation system with automatic adjustable blades to optimize the heating of the moulds;
- Straight arms and offset, supported on both ends for increased load capacity;
- Transmission with robust gears, driven by AC motors and inverters to control acceleration and deceleration;
- Cooling with high efficiency blowing fans on the ground;
- Internally lighted and sufficiently dimensioned main control board;
- Touchscreen operator interface for the complete management of the production process, display and oven temperature control;
- Visual and acoustic alarm circuit;
- Satellite console to facilitate the operator functions.

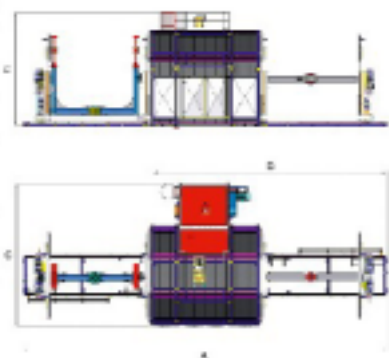
WORKING CYCLE

CONFIGURATION WITH 4 STATIONS (with 3 carriages)

- Cooking into the central oven;
- For each trolley there is an independent cooling , extraction and loading;
- Oven waiting position.

OPTIONAL

- Movable cooling chamber in stainless steel with high prevalence fans;
- Intel oven: automatically adjustable blades in the oven;
- Air humidifier for greater cooling capacity;
- Water recycling pump;
- Intel arm: measuring real-time temperatures in the mold;
- Arms with supplementary airways for drop box or Venturi tube;
- Customized fixed or movable platforms;
- Software for moulds electronic balance;
- Mould indexing position for loading and unloading;
- Automatic management cycle;
- Teleservice via modem, GSM or internet.



MODEL	SPHERICAL DIAM.		A		B		C		D	
	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.
2000	2133	84	11532	454	8103	319	5182	204	3175	125
2500	2794	110	12624	497	8205	323	5842	230	3328	131
3000	3175	125	14555	573	9678	381	6196	244	3734	147
3500	3505	138	15723	619	10592	417	7189	283	4191	165
4000	4013	158	17831	702	11888	468	7747	305	4699	185
4500	4521	178	19965	786	13132	517	8205	323	5284	208
5000	5003	197	21692	854	14275	562	8636	340	5588	220
5500	5511	217	23546	927	15571	613	9144	360	6147	242
6000	6096	240	23978	944	16256	640	10338	407	6808	268