

**MOULDING**

# NANO

## Intermittent-motion moulding lines

Nano 275 is an intermittent moulding line developed with extreme attention to the Hygienic design; its high modularity allows different type of configurations (racetrack with or without short ring or mono line plant) for any type of production: solid, solid with inclusions, one shot, filled articles.

**MOULDS SIZE:**

Standard size : 275x205x25

Special XS size : 275x175x25

Special XL size: 275x225x25

Speed up to 25 moulds/min

**STANDARD FEATURES**

The Nano 275 highly modular construction allows:

- Highly reliable and efficient machines
- Short delivery time
- Quick installation and faster production start-up
- Easy accessibility to all the plant's parts for cleaning and maintenance
- Low-cost maintenance
- High durability components
- Fast and easy format change
- Compatibility with existing modules

Highly flexible lines with the following features:

- Mould transport completely servo-driven
- Servo-driven piston depositor for point, one shot, ribbon dosing
- Traditional shell or fast shell technology are available
- Electronically programmable recipes
- Possibility to insert depositors for whole or chopped inclusions like hazelnuts, almonds and pistachios or wafers, biscuits, etc....
- Easy management of a wide variety of technologies
- Easy future extension of the line and/or introduction of new units
- Possibility to manufacture customized lines suitable to the final users' requirements

NANO GOURMET (designed for small productions or labs) version available: speed up to 7 moulds/min and production up to 100÷150 kgh

The "Nano Gourmet" is an automatic moulding line with manual demoulding and manual mould changing. It consists of Nano modules and it's upgradable for an higher production .

**Hygiene:**

- Framework made of stainless steel
- Floor and ceiling based on a special designed insulating panel completely clad in stainless steel, to assure thermal and acoustic insulation
- Transparent polycarbonate door (where insulation is not needed) for great visibility and accessibility
- 300 mm ground clearance
- Use of stainless steel, anodized aluminum and food-grade plastics ( no painted material )
- Easy cleaning of the entire line

**Safety and ergonomic design:**

- Complete perimeter guarding
- Safety microswitches on any door
- Effective sound insulation
- User-friendly HMIs

**Efficiency and reliability:**

- 24/7 operation design
- Long durability
- Easy change-overs
- NANOCORE version: completely removable depositor
- Limited down-time recipe change

**Easy maintenance:**

- First class electronic components without black-box units
- Great visibility and accessibility along the whole line

**Energy saving features:**

- Thick and efficient thermal insulation
- Constant research to reduce the energy consumption

