

OFFSET ARM

Essential accessory to produce large articles, vertical and horizontal containers of big size and capacity. Exceptionally robust transmission of the biaxial rotations of the mold by the use of gears and chains. Equipped with unique semi-automatic balancing counterweight driven by an adjustable screw. Construction in a single block for quick replacement with straight arms.

POWDER DOSING UNITS

Efficient automatic dosing of powders, controlled by PLC. By simple reading the bar-code printed on a special heat-resistant label applied on the mould, the system retrieves the correct weighing and stores it into the load cell. The operator checks on the display and pours the powder into the mould by simply guiding the tube inside it avoiding weighing errors, material waste and leakage of dust from the bags.

TURBOMIXERS FOR POWDERS

Useful accessory for the coloring of powders of polyethylene. Equipped with stainless steel container with a capacity of lt.300 or 600, and pneumatic valve for the discharge of the material.

Mixing is obtained through heating by friction with special treated stainless steel helix blades, driven by an electric motor of adequate power.

In a few minutes the powders reach the ideal temperature for an excellent dispersion and uniform distribution of the additives.

It's possible to mix PE powders with minimal quantity of pigments (powder or liquid), significantly reducing the cost of purchasing of the colored material.

HANDLING (HOIST-CRANE-OPERATOR'S PLATFORM)

To facilitate the operations of moulds opening/closing, for the loading of the material and the extraction of the part, the system crane/hoist in combination with the special platform guarantees the safety and the comfort of the work.

The platform is programmed to move closer to the mould which is properly positioned. Almost indispensable for users of big size moulds. Custom solution available for special needs.

AUTOMATIC PROCESS MANAGEMENT (patented)

The first machine which automatically adjusts the duration of the cycle according to changes in the process/production conditions as a function of the temperature data variations detected real time inside the moulds.

Is no longer necessary to rely on the expertise of the operator or cost-effective trial and error processes to achieve the optimal recipe: simply enter in the program few simple parameters.

INTEL ARM (patented)

The first "intelligent arm". Intel arm is a system designed for reading the moulding and cooling temperatures data inside the mould in real time. The thermocouples are connected to the command and control system of the machines, which displays graphs of the temperatures of the air inside the mould and of the material.

INTEL OVEN (patented)

Active management of the hot air flow in the cooking chamber as a function of the shape and the size of each mold. The flow diverter tilts the blades adjusting the angle of incidence of the flow to concentrate the direction of the hot air in the desired area, increasing the efficiency of the process.