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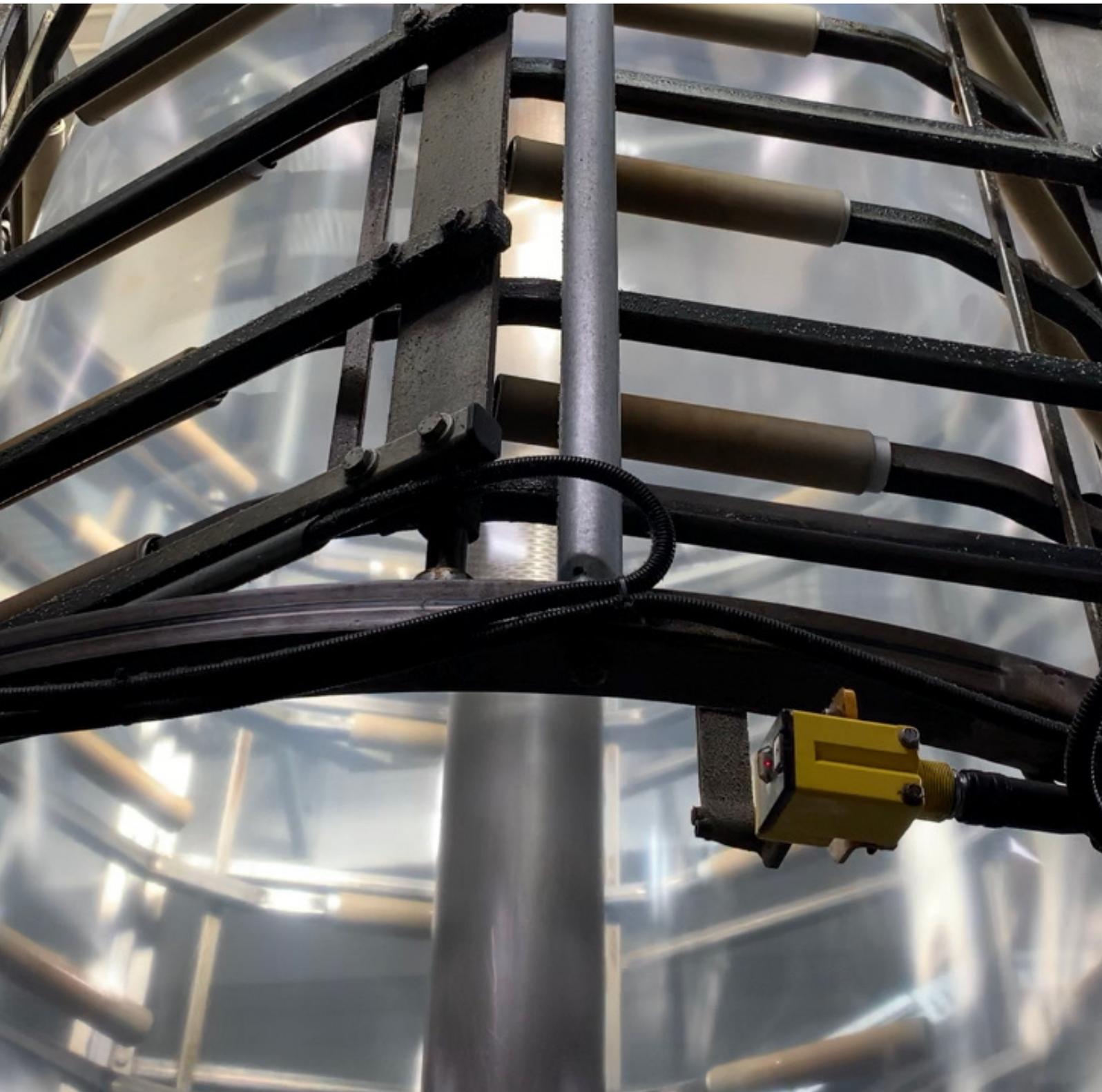
Halco

PACKAGING • ROBOTS • SAFETY KNIVES

DI MUCCI D.O.O.

LIFE AFTER PLASTIC

BIO/COMPOSTABLE FILMS FOR PACKAGING



Product Informations:

Vincentius

Bio Compostable films for packaging!

With an innovative production facility, built by the founder Luca Di Mucci, we produce biodegradable, compostable, water solubles films and bags for food and non-food industries. Our films are produced with renewable raw material, certify SIST EN 13432:2001 and SIST EN 14995:2007. Focused on reducing the rate of plastic pollution and CO2 emissions. Our raw materials do not release harmful gases during production and therefore non-polluting with, almost zero, environmental impact, with an end of life and closing loop! Factories that will switch their ordinary plastics in Compostable films, will help the planet reduce greenhouse gas (for global overall heating) and post consumer waste (pollution of the whole globe).

Vincentius is our brand of a range of compostable films which can replace traditional plastics in different packaging applications, such as POF shrinkable film, BOPP film, CPP film, PE film and PP film, with the unique applications advantage of biodegradation and compostastability.

Vincentius product range offers a variety of different films with different flexibility and transparency, from low transparency to high transparency (Comparable to the standard plastic). All the films are well sealable and some also shrinkable.



Products presentation:

Vincentius - POF shrinkable film

It is a highly transparent, rigid, flexible film with excellent sealability and bright with good tensile strength, suitable for all kinds of packaging machines, as L sealers, side sealers, chamber, flow-packers with heat shrink tunnels.

The film has different thickness from 17 microns up to 38 microns, more thin, more transparent.

This film is Industrial compost certified under the scheme SIST EN 13432:2001 and SIST EN 14995:2007; has to be thrown into the organic waste bin to be treated in the composting sites, to activate the biodegradation and composting process, with a certain life cycle.

It can also be produced for Home Compostability with the usage of an unique masterbatch to accelerate the speed of compostability.



Products presentation:

Vincentius - BOVI Bi-Oriented film

It is a highly transparent, rigid, flexible film with excellent sealability and bright with good tensile strength, suitable for all kinds of packaging in flow-packers and vertical packers for bags.

This film replace the BOPP and CPP plastic film. It has different thickness from 17 microns up to 38 microns, more thin, more transparent.

This film is Industrial compost certified under the rules of EN13432 and has to be thrown into the organic waste bin to be treated in the composting sites, to activate the biodegradation and composting process, with a certain life circle.

It can also be produced for Home Compostability with the usage of an unique masterbatch to accelerate the speed of compostability.



Products presentation:

Vincentius - SuperPower

It is a Home Compost certified film, produced with a raw material, that decomposes into water and carbon dioxide with the microorganism under the soil.

This film has excellent technical characteristics: It has a gas barrier, very good flexibility, (looks like PE film), has good rigidity for a high speed packaging machine, it is well compatible with a fiber, excellent sealability, high puncture resistance, good flexibility and tensile strength and it's also shrinkable.

Application: Fruit and vegetable packaging, toys, electronics, cosmetics, pharmaceutical, and all the packaging to replace Polyethylene film.

This film is used in flow-pack - vertical packaging, Shrink tunnels machines and can be used to the traditional ones.

Thickness, 12 microns, 15 microns, 20 microns, 25 microns, up to 120 microns.

It certifies Home Compost under the rules of EN13432, BioBase and for food contact.

The film can be thrown in the home organic site, using special greenhouses that make use of the biogas emitted to use it in the bbq, the liquids for excellent fertilizer for flowers and the solid as soil for planting flowers, plants and vegetables, without the usage of chemicals.

The film can be, also, thrown into the organic waste bin to be treated in the composting sites, to activate the biodegradation and composting process, with a certain life circle.



The Company



Di Mucci d.o.o.

Is a company that deals with research and development of alternative materials to plastic. Is a family company, with its own capital investing in R&D of new compostable raw materials and films for packaging.

Packaging are one of the first application that cause, the accumulation of waste and making recycling impossible for the high volumes produce, compare to the recycling circle, In short, only 20, 25% of all plastic recovered in the world is recycled and reused, the rest 70, 75% ends up in landfills or burned in the environment, or used as waste-to-energy plants! The virgin plastic produced since 2000 is equal to the plastic produced in the previous 50 years.

Some Numbers:

Every day In Europe, 50 million tons per year are used. Some experts say 104 million tons of plastic will be lost in nature by 2030 if we do not further increase efforts to improve waste management globally. Since China banned global imports of plastic waste in 2018, many European countries were submerged by large quantities of mixed plastic waste, difficult to recycle, which then reached other destinations such as Malaysia, which has become the leading importer of global plastic waste and the main destination for exports of plastic waste.

Most of the waste is burned in the open sky or thrown into the sea, rivers, lakes...

Responsible not only for irreversible damage to the environment and climate changes, but also for inevitable consequences for people's health.

This perspective must make us reflect!

