

Mobert looks forward

Ready for new challenges

Starting from January 1, 2018, new rules and restrictions with regards to the production of ultralight bags, such as those used for fruit and vegetables, will be introduced in Italy, similar to those already adopted in France at the beginning of this year. In fact, the new article 226-ter of Legislative Decree 152/2006 (Reduction in the Marketing of Ultra-Light Plastic Bags) states that only biodegradable and compostable ultralight bags (according to UNI EN 13432) can be marketed as from January 1, 2018, with a minimum content of renewable raw material of not less than 40%, which will rise to 50% from January 1, 2020, and 60% from January 1, 2021.

The use of these new materials for the production of ultralight shoppers (with thicknesses around 10 microns), wound on rolls, requires special settings and adaptations of the machines in order to obtain prod-

ucts with adequate mechanical strength in the welding and die-cutting area of the handles while ensuring good aesthetic appearance of the rolls produced with these particularly elastic films.

After gaining extensive experience in bags on roll production in many years of activity, Mobert has successfully tested these new materials and, today, is able to offer customers the choice of two models of machines that can produce biodegradable bags, cut and wound on rolls.

The Roller 110 SHP 2M line - up to 4 tracks - can produce T-shirt and bottom welded bags, rolled on a cardboard core. This line is highly innovative thanks to the exclusive patented system for controlling the tension of every single track, essential to process very elastic films with which it is difficult to obtain reels with a constant thickness.

The machine is also equipped

with an exclusive (patented) punching unit die-cutting system that guarantees perfect cutting of the handles even in the presence of very elastic films. This extremely effective system does not require maintenance, guaranteeing the blades life of several months and does not require any registration, unlike the complex cutting systems often used on competitors' machines. The line is completed by a sophisticated vision system for real-time control and correction of handle width.

The Roller 110 SHP 6M model also produces T-shirt and bottom welded bags. This line can produce rolls with and without cardboard core, thus completing the range of products to fully satisfy market needs. The transition between the two types of workings is extremely simple, making this line one of the most versatile in the wide range of thermowelding machines produced by

Mobert. With this line it is possible to produce T-shirt bag on 2 tracks and bottom welded bags on up to 3 tracks; a not so common feature. The punching unit system is die-cutting as previously described.

In addition to the above mentioned machines, Mobert boasts many other achievements such as: lines for drawstring bag (Nastrosac), on 1 or 2 tracks; thermowelding Roller machine for garbage collection bags, on 3 tracks; thermowelding Roller machines for freezer bags, with and without cardboard core up to 4 tracks, with the option of automatic insertion of metal closure strings; lines for fruit and vegetables bottom welded bags on roll, up to 5 tracks; line for shopper and bottom welded bags collected in pack (Nastrosac) bags, up to 6 tracks; thermowelding machines for the production of "block notes" bag up to 7 tracks; lines for welding and rewinding of industrial bag roll-to-roll; polyvalent thermowelding machines for stacked or wound industrial bags up to 2000-mm wide; lines for the production of 3-sealed pouches and doypacks for the food sector; lines for the production of 3-sealed pouches on roll, with and without cardboard core; lines for pet food bags (side gusseting, pinch bottom, zip); line for medical pouches (flat and roll).

All Mobert lines are designed for heavy and continuous operations and are built applying the highest strength and reliability criteria and using the most reliable electronic, electrical, and pneumatic components on the market. ■

www.mobert.it



The Roller 110 SHP 6M line produces T-shirt and bottom welded bags. The rolls can be with or without cardboard core. This model completes Mobert's range of products to fully satisfy market needs