

# PLASTIC REVOLUTION



 **REDUCE**

 **REUSE**

 **RECYCLE**



**CO-ROTATING TWIN SCREW EXTRUDERS**  
for compounding and recycling of thermoplastic  
materials, represent the heart of Binova's plants.

[www.binovapm.it](http://www.binovapm.it)



 **binova**  
COMPOUNDING & RECYCLING

# **INNOVATION, SUSTAINABILITY AND PRODUCTIVITY**

## ***in the future of thermoplastics waste***

**T**he business initiative of Binova Plastic Machinery started in 2006 and it is oriented to the **construction of plants to process thermoplastic materials.**

As far as it may appear as a new reality, it is a much rather consolidated productive project, in which many professional figures, with **more than 30 years of experience in the field of plastics**, have emerged. An highly competent team joined Binova and decided to use their expertise for the design, for the implementation and for the machinery installation in the plastic transformation. More in detail, our process handles with the recycling and the compound of production and/or post-consumer scraps. **The company business aims to meet the high demand of innovative solutions in the recycling world**, a subject that has become a matter of urgency in the contemporary societies. In this regard, Binova intends to turn plastic into an opportunity rather than a problem. In fact, it undergoes a process of virtuous, sustainable and highly productive transformation.

We are aware of living in a very demanding society, which repeatedly asks for recycled products, that are able to maintain the same characteristics of the starting material. For this reason, we came up with solutions able to maintain an high quality standard

in the final product. The high level of effectiveness of our process allows us to have a relevant position in the busy market, where there are many strong competitors, who have been in the business for decades. These characteristics together with the innovative push, **allow us to develop projects not only in Italy, but also in France, in Spain and elsewhere, in and outside Europe.** We think that the right path to take in order to increase the productivity, would be a **particular attention to the Research and Development in order to come up with high-tech solutions.** Since a few years, our next-generation plants are equipped with a software able to control the whole production even remotely. Binova's innovation is oriented to the improvement of competitiveness. **We have recently developed a line, able to process in one single step what normally is made in two: recycling and compound**, due to the use of a co-rotating twin- screw extruder, **which guarantees till the 30% in energy saving**, compared to the traditional single-screw extruder. From a strategic point of view, it is a competitive line that reduces costs, optimizes the time production and improves the distribution of resources.

**Our ambition to excellence respects the principle of flexibility.** We design ad hoc plants, equipped with highly personalized configurations, that represents the

perfect solution for any necessity. We have a close relationship with our clients, with whom we act more like partners rather than suppliers. **We offer support service and assistance during the entire professional relationship**, from the highly qualified personnel of technical consulting post sales and from the ordinary plants' maintenance to the special maintenance.

Today more than ever, in an always more evolving market, are the bravest choices that make the difference. Since 2 years, Binova gained a full strategic autonomy, financial and industrial, in order to face present and future challenges with a strong responsibility in the decision making and in full control of its process. We have recently **invested in the acquisition of machine tools in order to guarantee much more rapid deliveries and become more competitive.**

The constant and consolidated growth leads our future ambition to seek advanced solutions. It is with the same ambition that we want to improve ourselves in the various world of plastics, which we will not stop to explore.