

## **NEW PROJECT ACQUISITION FOR AMUT GROUP RECYCLING TECHNOLOGY IN THE FAR EAST**



(Novara, Italy – 10 September 2020) - AMUT has been awarded a new tender project by a joint venture between two world leader groups, specializing in raw materials production and rigid packaging solutions, engaged in the circular economy, in the Far East and worldwide.

The Italian Group will contribute as a turn-key supplier to the most important project for sorting and recycling post-consumer PET & HDPE bottles, carried on in the last two years in South East Asia Region.

The lines, which will be processing light weight bottles with high percentages of PVC and non PVC shrinkable sleeves, will feature a double De-Labeller configuration. In the first stage the AMUT patented De-Labeller performs a dry cleaning action able to detach most of the shrink sleeves labels while the second unit is a wet De-Labeller working as cold pre-washing, allowing to remove contaminants, without damaging the bottles and avoiding to lose the bottles necks during the process.

The washing process will include a plant for sorting and recycling post-consumer PET bottles, to make r-PET high purity flakes intended to be used, after being treated through extrusion and SSP (Solid State Polymerization), in the beverage industry to produce preforms containing r-PET, with a total capacity of 30,000 ton/year as net output. Another plant will be dedicated to sorting and recycling of post-consumer HDPE bottles for the production of r-HDPE flakes food grade and, after being treated through extrusion,

destinated to the flexible and rigid packaging industry. The plant will have a capacity of 15,000 ton/year of r-HDPE.

AMUT washing technology is specifically studied to enhance the quality level and purity of flakes, suitable for the manufacture of new generated bottles.

The whole process is engineered to comply with the most demanding bottle-to-bottle applications while minimizing operational costs, fresh water usage, cleaning agents and energy consumption. Fresh water usage is reduced to 1,1 liter for each kg of high purity flakes, thanks to AMUT patented Friction Washer unit.

The plant is scheduled to come online by the end of the next year.

This new order clinched testifies how AMUT's technology and know-how, developed over the years in the recycling field, are recognized as the best available on the global market and to contribute to environmental preservation.

#### **About AMUT**

AMUT (Automazione Macchine UTensili), established in 1958, is a global plastic processing, recycling and waste sorting & recovery systems designer and manufacturer. Over the years the company has evolved considerably and become a group providing customers with an increasingly extensive range of high quality Extrusion, Thermoforming, Recycling, Flexo Printing and Converting machinery, lines, turn-key plants and related Services. The world Headquarters and production facility is AMUT S.p.A. which is located in Novara (Italy). Candellù (Italy) and Vigevano (Italy), complete the manufacturing sites. Operating globally, the group's offices and customer service centers are strategically located in U.S.A., Canada, Brasil and South East Asia. This international presence is further enhanced through an efficient worldwide agent network. Learn more at [www.amutgroup.com](http://www.amutgroup.com)