

ITALIAN PLASTICS & RUBBER PROCESSING MACHINERY INDUSTRY ~ NEWS

Oct 2023

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 81



UCIMU-SISTEMI PER PRODURRE



Need Buyer Credit Finance to buy machine?

We can help you!

please write to us – italianmachinery@indiaitaly.com

SOREMA PLANT FOR THE BOTTLE-TO-BOTTLE IN MYANMAR

After carrying out a washing and recycling test on bottles collected by CPC (Commercial Plastics Company), a PET bottle recycler based in Yangon (Myanmar), SOREMA, an Italian company that is one of the main international reference points for its recycling plants, has designed a 2,200 kg/h flake production plant to recycle the material supplied by the customer and produce new bottles for drinks.

The analysis of the material showed that most of the bottles collected in the area were between 330 and 1,000 cc, with a high level of contamination from PVC labels, sand and abrasive materials.

Based on this analysis, the Italian manufacturer designed and produced a bottle-to-bottle line that incorporates a number of customisations that are considered standard for all PET bottle recyclers in South-East Asia. The machines have been carefully designed with high quality components, starting with the pre-washing module to remove labels and clean the surface of the material. This technology prepares the material for better bottle sorting and reduces wear and tear on the entire line without compromising the life of the delabeler, which requires only a few months of maintenance.



PVC label removal is then achieved by a combination of the delabeler, wet elutriator and material sorters. This technology achieves the highest standards required by leading brand owners for their rPET. SOREMA 's technology, which can remove label glue with high efficiency, is particularly strategic for a market such as South-East Asia, which is rapidly moving away from PVC labels in favour of PP labels. SOREMA also paid special attention to the possible wear and tear conditions due to the local harvest, where there is a high level of sand in the incoming bales.

“The SOREMA line, which we chose after careful evaluation, was installed in Yangon and met our expectations. We ordered it to recycle post-consumer PET bottles collected throughout Myanmar. With this plant we have provided an industrial scale solution to the problem of plastic pollution in the country. Our main problem was the large amount of PVC labels in the incoming bales of material, and this contamination was brilliantly removed by SOREMA. At the end of the process, the expected results were achieved in terms of product quantity and quality. A high percentage of our recycled material can be reused in the production of new PET bottles”, said the Technical Director of Commercial Plastics Company.

www.previerio.it

The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

Contact information of Piattaforma India desk:

Mr. Nilesh Joshi
Manager - Italian Machinery Desk in India



C/o The Indo Italian Chamber of Commerce and Industry
11th Floor, Tower – A, Urmi Estate, 95, Ganpatrao Kadam Marg,
Lower Parel (W), Mumbai 400013, Maharashtra
Tel: +91 22 67728186
Mob : +91 7666795385
Fax. : +91 22 67728191
Email : italianmachinery@indiaitaly.com