

Features

RECYCLING AT NPE: Three Es Starred

NPE2015 Wrap-Up

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Recycling machinery suppliers focused on environmental, economical, and energy-saving.

DRY CLEANING TECHNOLOGY

As reported in our March NPE preview, the Ekuma 700 super cleaner from [MAS](#) of Austria made its North American debut at the show. The unit reliably removes thermoplastic contamination from extrusion tools, filter parts, and more. No cleaning agents are required and contaminants are baked off under vacuum without any combustion. This protects the components against local overheating, annealing, and mechanical damage. A cleaning cycle takes 2 to 4 hr depending on part size, at a working temperature of 400-450 C. The unit can be installed in any room with a water supply and drain and an electrical power supply.

Using the phrase “washing without water,” MAS showcased its MAS DRD, a dry cleaning technology for plastic that is an alternative to conventional wet washing lines. The system combines a cleaning centrifuge with thermo-mechanical drying in one step. The double-disc rotor design allows for its use in a range of applications, such as a stand-alone drying and cleaning solution for plastic film and fibers or installation downstream of a wet cleaning plant to improve the quality of the washed flake.