

ISECevo goes large

PURE LOOP presents a new shredder-extruder combination for high throughputs

The shredder-extruder recycling technology provider PURE LOOP has added new system types to its ISEC evo series and now offers especially high output alternatives in the medium to high throughput range. At K 2019 a smaller version of the innovative material all-rounder will be demonstrated live in action every day at the PURE LOOP stand.

Düsseldorf, 16 October – up to 1,500 kilograms of the highest quality recycled pellets per hour. The innovative ISEC evo 702 shredder-extruder combination opens up a new dimension in the efficient processing of production waste. Unlike comparable shredder-extruder recycling machines on the market, the PURE LOOP solution requires only two drives, which significantly reduces energy consumption. Heavy, lightweight, high volume and also highly tear-resistant materials can be processed. The conical design of the conveyor screw results in high compaction, which in turn causes ideal preheating of the material while at the same time forcing back oxygen. "The oxidative effect on the material is now low, which is a clear advantage for the quality of the melt and subsequently also for the quality of the recycled pellets. This makes particularly high recycling rates possible," explains PURE LOOP Managing Director Manfred Dobersberger.

Straightforward operation, flexible areas of application

The entire ISEC evo series is characterised by straightforward operation and a high degree of automation, and the machines are quickly ready to start processing. This is confirmed by Christian Nimmrichter, one of the people responsible at the writing instrument manufacturer STABILO for the introduction of the shredder-extruder solution at their Weißenburg site: "This recycling machine has met with a high level of acceptance among our employees right from the start. We were impressed by PURE LOOP's flexibility, design, sound workmanship and excellent project management," is how he describes his experience. They recycle PP production waste such as sprues and injection splatter. The black caps for all their STABILO BOSS luminous markers are produced using the recycled pellets.

Press Release

Live recycling at the trade fair stand

How easy it is to start and stop processing and how flexible ISEC evo machines are in terms of material type and shape can be seen every day during the live recycling demonstrations at the PURE LOOP trade fair stand.

PURE LOOP, Hall 9 / B17.



Photo: With ISEC evo 702 PURE LOOP offers a new solution for high throughput. Photo credit: EREMA

PURE LOOP

PURE LOOP, a subsidiary of EREMA Group GmbH, specialises in combined shredder-extruder technology for the highly efficient recycling of clean production waste. The headquarters are in Ansfelden/Linz. PURE LOOP recycling solutions are characterised by optimum adaptation to the existing scrap material logistics as well as the highest level of return of recycled pellets to the production process. Customers also benefit from the experience, technological know-how and innovative strength of the entire EREMA Group.

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