

Chinaplas 2016

Chinaplas 2016, the 30th international exhibition dedicated to the plastics and rubber industries, will be held on April 25-28 at the Shanghai New International Expo Center, PR China. It is expected that some 140,000 professional buyers from 150 countries and regions will visit this year's show.

In response to the high demand for plastic waste management, this year's trade show will unveil a new "Recycling Technology Zone", gathering over 20 leading exhibitors offering solutions for the recycling chain. In total, the show will see over 150 exhibitors featuring recycling technologies, covering the entire recycling process from sorting, shredding and cleaning, to dewatering, drying and pelletising.

In addition, the trade show will amongst others focus on green, functional and intelligent packaging solutions. Contamination prevention, conforming to the shelf life and preservation of the quality of the goods as basic requirements



will be spotlighted. The choice of materials and manufacturing technology of packaging is crucial to its safety requirements in an ever-changing world of markets and needs. Questions to be examined are: What technology or equipment boosts productivity and reduces energy consumption? How can packaging become diversified and multifunctional?

With the latest plastic packaging solutions available out there, Chinaplas will focus on industry safety, environmental protection, efficiency, lightweightness, multi-functionalities and intelligentisation to promote the continuous and innovative development of the packaging industry.

The show also intends to emphasise new developments in in-mould labelling with its potentials to improve the appearance of product packaging, anti-forgery functions and degree of automation.

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Piovan **Hall E2 - Booth G51**

Customised granulators



Piovan has introduced a new range of small, medium and large granulators which are all fitted with a tangential cutting system. The rotary blades are inclined with respect to the fixed blades and are positioned as close as possible to the geometric tangent of the cutting circle, therefore optimising and improving cutting precision. In this way, high production capacities are achieved using smaller motors, with the additional benefit of minimising dust production and heat generation. These features are said to ensure a more regular cut and more dimensionally consistent regrind.

The cutting chamber is made from machined pieces, which are assembled rather than being cast or welded. According to the company, this design has enabled the construction of high-precision components that improve the efficiency of the cut and the quality of the ground product, while improving the life of the granulator, as worn pieces can be replaced.



Granulator featuring a 90° adjustable hopper for four loading positions

Another distinctive feature is that even the most basic versions can be modified to suit the specific needs of the process (e.g. blow moulding, extrusion, injection) and to comply with specific customer requests in terms of space, granulator loading and unloading requirements and protection of the operating environment.

Complementing the range of granulators is the single-shaft shredder line, intended for recovering purgings from start-ups or material replacements during all transformation processes. The Piovan range of single-shaft shredders includes four different models, each with a hopper that can vary in size from 600x600mm to 1,500x1,500mm.

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