



## News Release

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**Granutech-Saturn Systems launches Next Generation Refiner Mill for crumb rubber  
delivering increased production, finer powder and  
first-to-market 'grease-free' sealed roller bearing design**

*Revolutionary Design runs cooler and more efficiently, and eliminates grease pump and lubricant expense*

**Grand Prairie, TX Feb 23, 2016** Granutech-Saturn Systems, a world-leading manufacturer of the Saturn brand of industrial and mobile shredders, launched a revolutionary new design refiner mill for scrap rubber, featuring sealed roller bearings for greater tolerances in processing material down to 80 mesh.

The G4X, is a *next generation* product to the company's popular G4 mill, but features a completely unique sealed roller bearing design, that provides significant benefits over the industry's traditional bushing design mills. "Reduced bearing temperature means this design runs cooler and more efficiently than traditional bushing design competitive mills, resulting in less energy used for external cooling," said Mike Hinsey, Granutech-Saturn Systems Vice President. "In addition, the 'sealed' bearing design eliminates the need for continuous lubricant, resulting in significant operational & consumables savings," he added.

In fact, one of the company's tire recycling clients, State Rubber, was a key contributor in the development of the spec for the new product. "Granutech-Saturn clearly paid attention to our inputs, and created a next generation design that met all the requirements. We are thrilled with the new G4X mill," said Jerry Woosley, President of State Rubber. "The savings in lubricant alone, averages \$25,000 a month, and we also noticed a more consistent and cleaner output of crumb rubber granulate, due to the tighter tolerances achieved by the new rolls', he added.

The design enables the G4X mill the ability to hold the rolls at much closer tolerances (*up to 400% closer than traditional bushing designs*), which translates to finer cleaner usable powder and fewer processing cycles, which translates to higher production. And with reduced roll clearances in roller bearing design, there is an increase in processing capacity as well, translating to a throughput of asphalt quality crumb rubber of 3 tons per hour (up to 25% higher than leading mills).

The Saturn G4X mill is ideal for efficient production of fine granulate powder for applications such as rubberized asphalt and molded product or filler materials.

For more information on the new Saturn G4X refiner mill, please visit: <http://www.granutech.com/saturn-powderizers-refiner-mills.html>

## **About Granutech-Saturn Systems**

A leader in recycling equipment manufacturing for over four decades, with focus on quality and innovation, the global company that is today Granutech-Saturn Systems Corporation is privately held and based in Dallas, Texas. The company has vertically integrated manufacturing, with a dedicated 50,000 sq. ft. facility for production, in-house machining and inventory. Granutech reaches customers through a combination of direct sales in North America and through international distributors and agents for localized sales and service regardless of geography. Its world class product offering includes **Saturn®** shredders & hammermills, Saturn grinders & granulators, and Saturn refiner mills & powderizers, as well as MAC® flat-lid auto crushers and high density balers and loggers. The company also customizes and configures custom models by using its extensive on-site engineering expertise, fabrication and machine shop capabilities, to meet a variety of customer specific needs. To learn more, please visit:

[www.granutech.com](http://www.granutech.com)