



**FINER POWDER
HIGHER THROUGHPUT
MORE EFFICIENT**

**SATURN G-4X
"NEXT GENERATION"
RUBBER REFINER MILL**

**GRANUTECH
SATURN** 

DOWN TO THE FINEST DETAIL

Our next generation Saturn G-4X Refiner Mill is the largest refiner mill to feature a 'grease-free' sealed roller bearing design, featuring a unique twin drive construction that produces powder ranging from 10 mesh to 80 mesh (2 mm to .12mm). The new design enables the Saturn G-4X mill the ability to hold the rolls at much closer tolerances, which translates to finer powder at higher capacity. In addition, the sealed barrel design eliminates the need for continuous lubricant, resulting in significant operational & consumables savings and less energy used for external cooling.

- FINER POWDER –10 mesh down to 80 mesh
- HIGHER CAPACITY and 25% greater throughput -3 tons per hour - plus, more efficient and reliable operation than traditional bushing design mill
- 400% TIGHTER TOLERANCES (gap/nip clearance) than traditional bushing design mills for finer granulate powder
- ENERGY SAVINGS – Reduced bearing temperature= reduced cooling– translates to energy savings in reduced need for cooling



Sealed bearing design eliminates need for continuous greasing — savings average \$100,000 annually due to grease elimination, and running cooler and more efficiently than traditional bushing design mills.



FEATURES AND SPECIFICATIONS

PHYSICAL SPECIFICATIONS & DESIGN:

Dimensions: 205" x 108" x 98"

Weight: 50,000 pound

Roller Design: Sealed Spherical Roller bearing design -2 rolls side by side on each end of the roll

Power:

- 325 HP (with 250 HP on the Fast Roll & 75 HP on the Slow Roll)

Applications:(Tire & Rubber Processing)

- Rubberized asphalt
- Molded products
- Filler material
- Reclaim rubber

Features:

- VFD Roll Speed & Ratio Controls with Touchscreen Interface
- Roll Speeds from 6-90 on Fast Roll & 3-45 RPM on the Slow Roll
- Roll Ratios from 2:1 - 30:1
- Feed Hopper & Mill Stand
- OSHA Approved Guards

Options:

- Chip Storage Bin with Discharge Screw Conveyor
- Mill Cooling System
- Fiber Separation System
- De-stoner
- Mill Discharge Conveyor
- Rubber Conveyor Belt
- Screener Feed Screw Conveyor
- Vibratory Screener with Stand
- Magnetic Separation Drum

GSS-March2019

Contact us for a quote today!

877-582-7800

www.granutech.com

GRANUTECH
SATURN