

# CryoVortex™ DISINTEGRATOR

The CryoVortex Disintegrator™ is the essence of...

Turn Scrap Tires  
into PROFITS

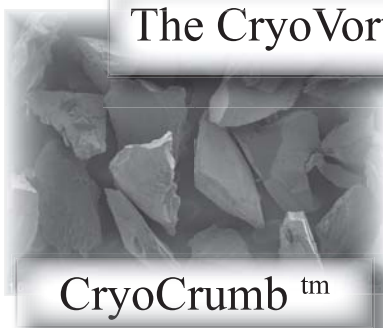


*FROZEN and FRAGILE scrap tires immediately meet their FUTURE without the use of high maintenance cutters, knives, screens or grates.*

## **TRIPLE F: Frozen, Fragile & Future!**

Compared to typical tire recycling operations, the CryoVortex™ produces higher profit margin materials. First, the tires are **FROZEN** with cryogenics using -320F nitrogen with our specialized freezing technology; then the CryoVortex instantly disintegrates them with extreme impact forces. Shattering like a crystal champagne glass thrown into a fireplace, the **FRAGILE** tires are effortlessly disintegrated at average rates up to 200 tires per hour, 24 hours per day. A single pass without cutters, knives, grates or screens gives the CryoVortex unmatched advantages. The expense of freezing is more than justified by a dependable, efficient process and valuable recycled materials. The result is a safe and clean process that requires much less handling, horsepower, downtime and maintenance than the competition. This enables CryoVortex equipment lines to operate safely, efficiently, economically and continuously on a 24/6 schedule. The process uses “best available technology” with computer control and doesn’t produce air, water or soil pollution. The **FUTURE** benefits from the tire begins when it’s packaged and sold as premium materials: CryoCrumb™, CryoSteel™ and CryoFiber™. The tire can now “live on” to continue its benefit to society.

The CryoVortex™ produces three valuable materials...



CryoCrumb™



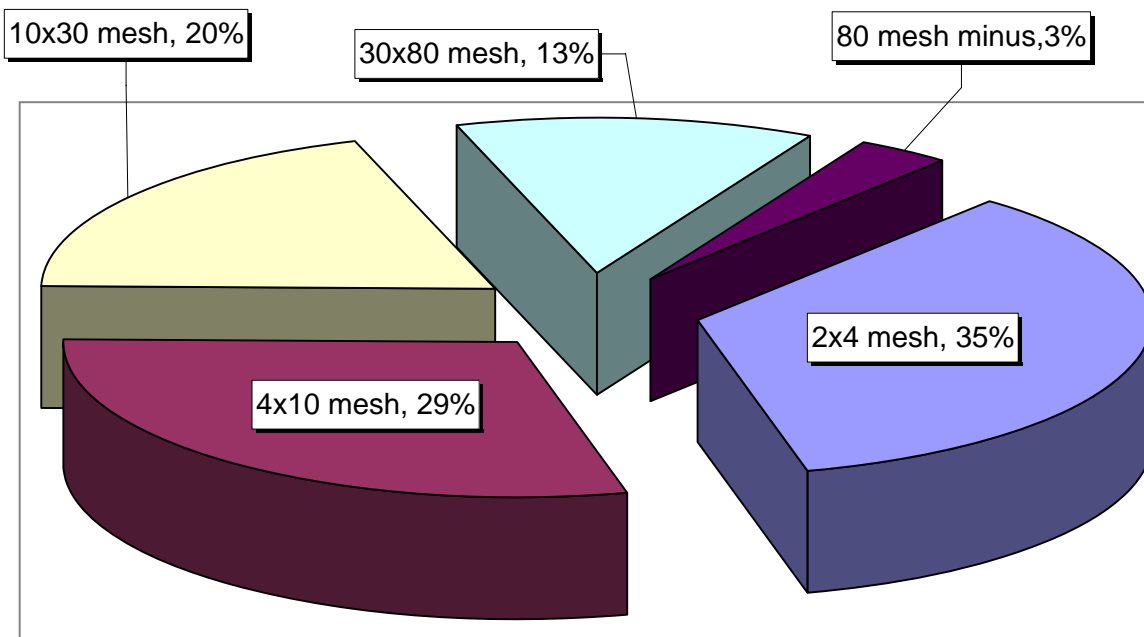
CryoSteel™



CryoFiber™

Ecogineering™: ecologically friendly... yet economically viable.

**Single Pass CryoVortex™ Standard Equipment CryoCrumb™  
Full Capacity Monthly Production  
1,358,528 Total Pounds (690 Tons) of ground tire rubber**



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Details are typical at a rate of 180 tires per hour 24/6. Independent results may vary.

The CryoVortex does not use internal sizing screens, grates, knives or cutters.

This greatly reduces maintenance and damage from unwanted debris or trash from the tire infeed.

Additional equipment may be integrated to target a specific size or sizes.

Mesh = holes per inch on US standard sizing sieves.