



Plant Lommel

Re-Tyre, Lommel, Belgium

Re-Tyre N.V. is the Belgian market leader in tyre recycling. Re-Tyre is a sister company of Rubber Resources B.V. in Maastricht, the Netherlands.

The company's main activity is the grinding of truck and car tyres into rubber powder granules of various gauges, ranging from course to fine. Re-Tyre processes 24,000 tonnes of tyres per year. All efforts are directed toward compliance with environmental legislation and regulations. But Re-Tyre goes even further than that. Where possible, Re-Tyre seeks to do better than is legally required in the fields of quality, safety and the environment. Thanks to close cooperation with the R&D and Lab division of Rubber Resources B.V., Re-Tyre doesn't just provide a rubber product but offers tailor-made solutions for all sorts of applications as well. The granules are used throughout Europe for different types of surfacing, including soccer and hockey fields, (sports) flooring, playgrounds and asphalt. Other products in which rubber granules are used include solid wheels, footwear and (noise) insulation systems.



Plant facts

- Whole truck and car tyre recycling
- 2 separate production lines
- NEN-EN-ISO 9001:2000 certified
- Workforce of 21 people

The process

The carefully selected tyres are shredded to particles of 150 mm x 250 mm. After shredding the rubber particles, these are ground into particles of 0 mm - 25 mm. Steel is separated by using an automatic cylinder or belt magnet (the whole tyre contains up to 30% steel). The next step is the sieving of the rubber particles into different sizes. Particles larger than 7 mm are fed back into the grinder. Finally, any remaining steel, textile fibres and other various heavy particles (like stones and glass) are extracted. The end product is stored in silos and ultimately packaged according to the wishes of the customer.

Re-Tyre's aim is to continue to be a solid and reliable partner for its customers, staff, shareholders and the environment as a whole. The green driving force benefits everyone.