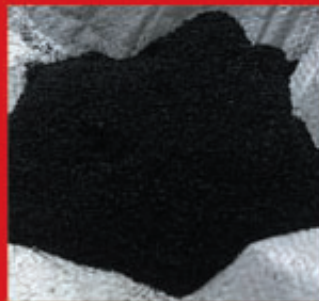


Recycling



TIRE RECYCLING SYSTEM



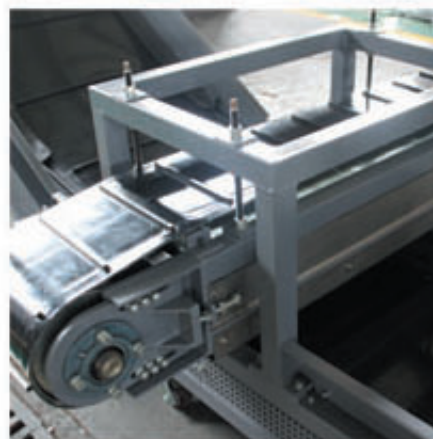
Pre-shredding

The Super chopper is a powerful pre-chopper capable of processing complete car and truck tires down to approximately 50-300mm scraps. It is a low-speed and high torque shredder with dual shafts. De-beading of the tyres will not be required prior to processing in the Genox Super Chopper.



Secondary shredding

SYNTH Series rasps with serrated edged blade are an aggressive cutting machines which is well suited to secondary processing of pre-shredded tire fractions to liberate tire steel. The fractions from rasps can be used for TDF (Tire derived fuel).



Steel wires separation

The over belt magnet pick up the steel wires from rubber. Thanks to the unique cutting design of the rasps, the steel wires are with very low rubber contamination which is easy for further processing. The machine is of rare earth type so the performance is warranted.



Fine granulation

GXC Series granulators with specific rotor design for rubber fine granulation are set at the last stage of size reduction. The open design of the rotor minimizes heat build up and production of fines. The desired size can be set by easy changing of screens.



Size classifying

The vibrating tables sort different size of rubber crumbs for further processing, oversized crumbs are sending back to the fine granulators for size reduction. The vibrating tables are connected to the aspirator, a certain part of textiles are separated at this stage.



Textile separation

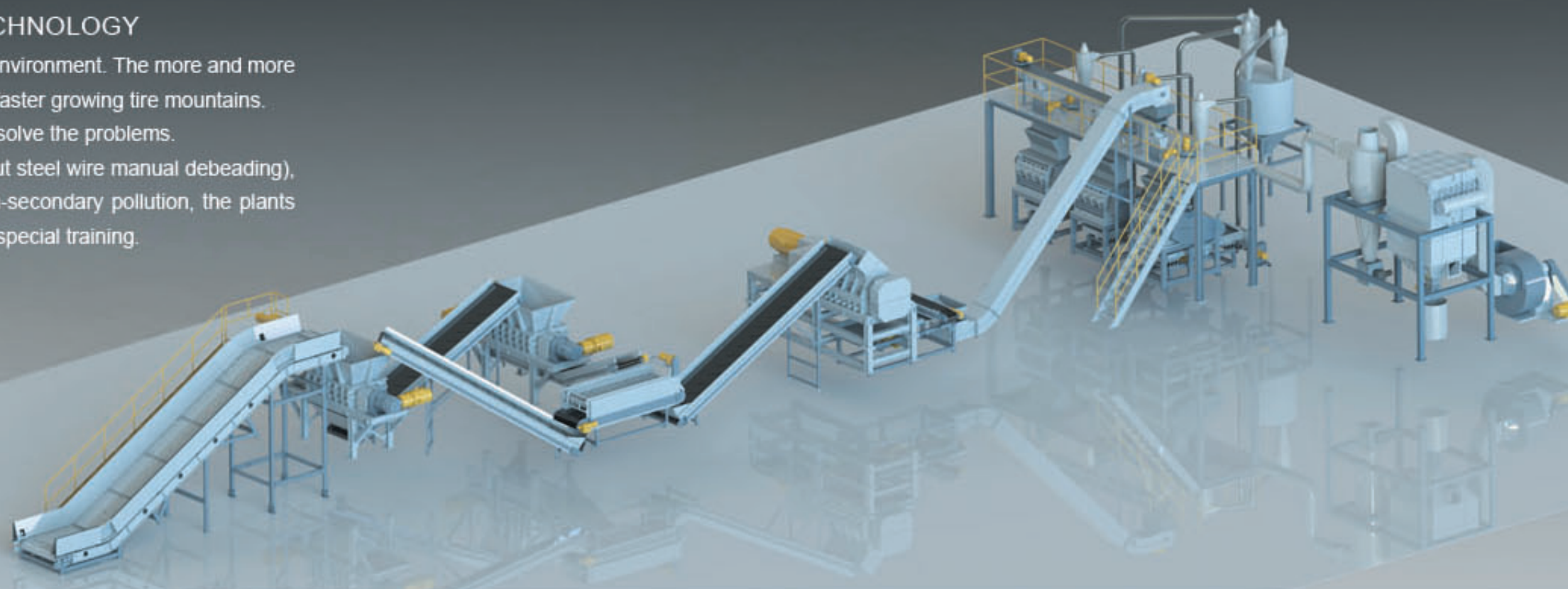
The speed variable zig-zag classifiers are suitable to separate textiles from variety sizes of rubber crumbs. The drum magnet is installed under the classifier for fine steel separation to warrant the high purity of rubber. A pulse deduster is connected with the system for aspiration.

GENOX TIRE RECYCLING TECHNOLOGY

Used tires are a severe problem for the environment. The more and more increasing traffic volume results in even faster growing tire mountains.

Genox tire recycling plants were born to solve the problems.

With advantages of full-automatic (without steel wire manual debanding), normal temperature processing and non-secondary pollution, the plants are easy to access by operators without special training.





GENOX
shredding recycling

GENOX RECYCLING TECH CO.,LTD
2 Xiqiao, Dongchong, Panyu, Guangzhou, China
Tel:+86-20-66851345 Fax:+86-20-66851347 PC: 511453
www.genoxtech.com info@genoxtech.com