

Reduction of electronic scrap using an Improved Continuous Processing Operations

Implementation of improvements for Elemet's present processing will be in advancing to a fully operational system. Our plan is to use a recently acquired and refurbished 300HP shredder, along with particulate granulator and in-line hammer mill. We will also launch an Eddy Current sorting screener with an increase in passes of material along with introduction of a recirculation loop for material loads. Reconfiguration of current conveyors and pickers will boost this sorting of materials.

- The introduction of a secondary recirculation pass-thru that will recover materials down to basic elements and retrieve as much as 99.9% of available base and precious metals.
- An automated operation to breakdown & reduce scrap in a continuous operation, capable of handling higher volumes of material and improving these using a more thorough refinement, capturing all available resources.
- Increased use of pre-screened material from outside manufacturers' reclaiming unfound opportunities for sound metal sourcing not sought after previously.
- Products screened out will be used in many applications – steel, aluminum, copper, precious metals like silver & gold, electronics, batteries, fertilizers, and raw materials for industry.

Our current systems will be enhanced by the (soon to be installed) larger scale shredder with an in-line Eddy Current screen to enable our success in the recapture of materials. Quality refinement of materials as viable resources is key in the success of Elemet Inc..

With our successes in many areas of recycling the team at Elemet's desire is to develop into a premier industry leader. Our ultimate goals are to accomplish and set forth a new and efficient way in processing e-scrap waste that will one day be an industry standard, creating useful, reuseable and sustainable materials for industry.