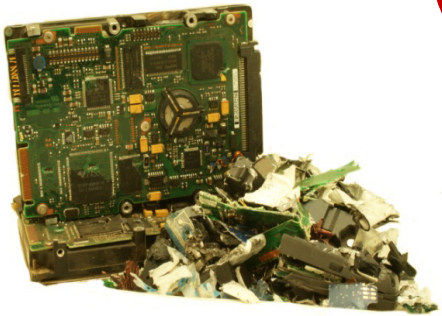


E-Scrap Processing:

A comparison of the two most common size reduction methods

Shredder



VS.

Hammer Mill



How is size reduction accomplished?

Two high-torque rotors pull material through the shredder where it is reduced by shearing and compression.

Hammers attached to a high speed single rotor reduce material by repeated impact.

How does the design affect finished particle size?

Ideal for primary separation where a larger finished particle size is preferred.

Manual separation of end product is possible due to liberation of materials without complete destruction.

Allows for a wide variety of finished particle sizes. Screen covering the mill discharge ensures size and consistency of end product.

Material can be reduced to a fine consistency, suitable for a variety of separation technologies.

Applications:

Ductile, and some friable materials

Large, bulky e-scrap materials and when comprehensive materials recovery is the goal.

Friable materials

Ideal for smaller e-scrap materials and when complete data destruction is the goal.