

Size Reduction for RAP and RAS

The traditional method: The Impact Crusher

- Impact crushers do not produce a 100% acceptable product in one pass. Screening and secondary crushing is often necessary.
- Impact crushers are often used to stockpile material for use at a later time. Under high temperature re-agglomeration can occur.

Schutte- Buffalo presents Industrial Hammer Mills designed specifically to meet the unique challenges of processing RAP and RAS.

Our Hammer Mill Advantage:

- **One set of equipment for processing both RAP and RAS.**
 - ❖ Our heavy duty RC Series Hammer Mill with carbide hammers is highly effective for processing both Asphalt and Shingles.
 - ❖ Full sized shingle tear-offs can be processed at a rate of 60 TPH to ¼" minus or 150 TPH of RAP to ¾" minus.
 - ❖ Two pass processing of shingles through both RC Series and 15 Series mills results in more than 60 TPH to #30 mesh minus.
- **RAS can be added directly into the "hot side" mix, bypassing the "cold side" process.**
 - ❖ Our two step system consisting of our RC Series Hammer Mill and 15 Series Fine Grinder can produce RAS product between #30 and #50 mesh: a finer grind than the competition. Period.
- **100% of RAP that leaves the RC mill after a single pass is acceptable for direct inclusion into new asphalt.**
 - ❖ A superior design feature of the Schutte Buffalo RC Series Hammer Mill is the heavy duty bar grate which surrounds the grinding chamber.
 - ❖ This grate regulates the size of the particles *before* they exit the machine. The end result is improved efficiency versus our competitor's equipment.
- **Turn-key plants:**
 - ❖ Hopper to receive material from front end loader or grapple, feeders, screeners, conveyors, and size reduction equipment. All designed to your specifications.

SchutteBuffalo

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