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### A Review on the Technology of Size Reduction Equipment

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**Abstract :** Size reduction or comminution is among the most comprehensively used unit operation of widespread application in chemical and other related industries. Subjugation of the materials to stress and consequent reduction in the size of larger solid units into smaller or finer unit masses is called as comminution. The transmission of stress is through the application of mechanical force to the larger solid unit. The most common methods utilized in industries include the use of crushers and mills. The concept of comminution is not novel as it has been utilized by man since time immemorial. Even though many different size reduction machines are available currently the key is the knowledge on the properties of the material to be processed. Size reduction offers advantages like increased surface area and separation of entrapped components.

**Key words :** Size reduction, reduction, crusher, mills.

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