

Crushers



A crusher is a machine designed to reduce large rocks into smaller rocks, gravel , or rock dust. Crushers may be used to reduce the size, or change the form, of waste materials so they can be more easily disposed of or recycled , or to reduce the size of a solid mix of raw materials (as in rock ore), so that pieces of different composition can be differentiated. Crushers are devices that are designed to decrease the size of larger objects by using force to reducing the objects into a smaller and more compact volume. This is sometimes accomplished by compacting the mass of the object. At other times, the crusher will be used force to break the object into a series of smaller pieces.

Crushing is helpful in a variety of applications. Around the house, a small manual crusher is often used to reduce the size of aluminum cans. This action makes it possible to store the crushed cans until a sufficient quantity is collected to transport to a recycling facility. Manual crushers of this type are often very inexpensive, and take up no more room than a standard countertop kitchen appliance.

Applications of crushers

- Coal
- Limestone
- Biomass Briquettes
- MSW
- Pet Coke