HOW DOES A PNEUMATIC DISCHARGE HAMMER MILL WORK?

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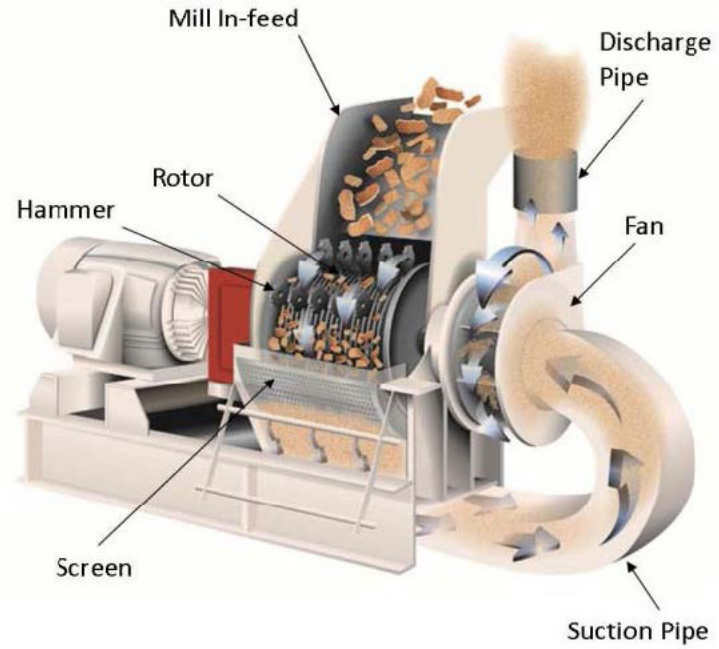
It's all about the fan

- Air swept mills are used primarily when grinding light, fibrous or relatively non-abrasive materials to amid range to fine particle size because lighter particles require suction to overcome the rotor airflow, and pass through the smaller screen openings.
- The fan pulls the material from the mill in-feed, through the grinding chamber and the screen.
- The finished product is then pulled through the suction pipe, into the fan; and then finally out the discharge pipe either to storage or next stage processing.

Why Choose Pneumatic?

Three key benefits:

1. A properly designed pneumatic discharge system can increase production 300-400% over gravity discharge mills when grinding light materials to a fine particle size.
2. Without air, dusty material will take the path of least resistance, often out the feed chute. In a pneumatic system, dust is controlled and contained because all material is pulled in a common direction.
3. Whether integral or separately driven, the fan aids in material transport to storage or next stage processing.



Bonus advantage: The ability of the fan to pull the material through the screen often allows processing of materials with slightly higher moisture content than can be effectively processed via gravity discharge.