

The **AirForce®** technology provides all the advantages needed to maximize powder production, powder quality and energy savings.

What makes Orenda pulverizers different and superior to the competition is its **proven** efficiency in pulverizing technology.

Discs:

- ✓ Are disposable do not need sharpening
- ✓ Have two cutting surfaces and new teeth design
- ✓ Significantly increased production rates
- ✓ Run cooler as the teeth on both sides, of the discs act as a heat sink

Air:

- ✓ Replaces water as the only method of cooling for both the cutting discs, and the material that is being pulverized
- ✓ This patented **AirForce®** cooling system effectively eliminates in mill melts
- ✓ Together, newly developed carrying plates, cutting discs and air intake manifolds act as a powerful fan that provides enough cooling to keep the cutting disc from getting hot. This would prevent melted material from stick to them, should an unforeseen melt occur in the mill housing.
- ✓ The points outlined above make it possible to:
 - a. Grind at temperatures extremely close to the material's melting point
 - b. Produce powder particles that are more homogeneous with no tails
 - c. Produce more in spec material that flows better in molds

Energy:

- ✓ Energy savings of up to 40% have been realized by our customers.
These savings have been realized by the added production per Kilowatt Hour of use during the pulverizing process.

We have developed a unique technology which is the new standard in the pulverizing industry.

- Watch [Dr. Nick Henwood's](#) presentation of the AirForce Technology, presented in England during the ARMO meetings of 2015. [click here to watch Video A](#) .His paper on this new technology is available upon request.
- Watch [Dr. Gareth McDowell's](#), presentation of the AirForce Technology, presented in Chicago during the ARM meetings of 2014, [click here to watch Video B](#)

Orenda **AirForce®** Technology, what to expect:



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With every pound/ kilogram of material pulverized, our technology will add to your bottom line each and every day for years to come.

Energy consumption comparison



¹ Customer feedback is available upon request.

² For more info visit www.orenda-pulverizers.com or watch company video [here](#)