

NEW PKA Series of Pulverizing Systems by Powder King®

ANTHEM, AZ USA – “We Deliver What Others Promise” With the new state of the art manufacturing facility located in Anthem, Arizona, Powder King®, under the direction of Jim Hummel, has once again taken the Pulverizing Industry to the next level with their new pulverizing systems, the Powder King Anthem (PKA) Series. The new Powder King® pulverizing systems have been given a streamlined look and some very advanced features that no other company in the world has to offer. One glance at the standard list of features proves that the ongoing research and development at Powder King® have resulted in a new design that has surpassed expectations once again. The systems provide increased production rates, low maintenance costs and ease of operation not available on comparable models. Powder King has also expanded customer services to include disk grinding, 24-hour technical support and test grinding from lab trials to full production

pulverizing services to meet rotomolder requirements.

Standard features:

- Higher reliability with the Powder King® Direct-Drive system; less spare parts to inventory.
- Horizontal grinding mills for more even grinding and longer disk-life.
- Longer-lasting grinding disks for less maintenance cost due to the large 20" diameter and the exclusive HY-PRO DISK (® Pending Trademark) design.
- HY-PRO Disks last 3 to 4 times longer between sharpening.
- New Advanced Streamline Mill Design to improve grind quality, consistency and production rates.
- New Pocketed Disks mounting feature on flywheel and water jacket, with segmented disks mounting clamps.
- Less noise with direct drive compared to raised decibel levels of the traditional belt drive models used by others.
- New Design Disk Gap Adjusters for simple disk gap adjust, no need for 2-3 different tools for adjusting; one simple Allen wrench is all that's required.
- Integral ladder and safety rails.
- Circuit breakers to protect motors and components. Fuse replacements are not necessary; less spare parts to inventory.
- Larger touch screen control for machine operation.
- Operator-friendly, simple step-by-step operation for start up and management of the system. Adaptive control to assure consistent grind accuracy.
- 99% efficient cyclone.
- Stainless Steel Water Jacket.
- Computer-controlled Electrical System for easy setup and operation. Includes large touch screen for Operator Interface.
- Adaptive Computer Controls to assure repeatable, consistent grinding under changing ambient conditions.
- Continuous AUTOMATIC monitoring of the material feed, temperature of the mill and



electrical load to maintain set points and maximum production of the system.

- Classification System to provide consistent grind sizing. Machine models Include four, six and ten decks of sifter screens to separate oversize particles and send them back through the mill.
- Backward inclined fan for maximum efficiency and less noise.
- Rotomolded hopper for pellets.
- Compact footprint to save floor space.

For more information, contact Jim Hummel of Powder King®, LLC, 41780 N. Vision Way Unit 120 Bldg. 2, Anthem, AZ 85086, Phone: 1-623-551-9897, Fax: 1-623-551-8571, Cell: 1-602-370-4531, jhummel@powder-king.com, sales@powder-king.com or go to www.powder-king.com.com.

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