



"We deliver what others promise"



MAKE YOUR NEXT MOVE **POWDER KING®**

With over 25 years in the Pulverizing Industry and 40 years in fabrication and manufacturing experience. Our commitment to the pulverization process is to learn more every day and to achieve new goals for our equipment. We will never stop finding better ways to process or to make our equipment better. This is what Powder King® is about.

“We Deliver What Others Promise!”

- 100% American made components.
- Our Pulverizers’ performance guarantees consistent & accurate production rates.
- Explicit service from our employees proves our integrity & expertise in the Pulverizing Industry.
- On-time delivery as promised to keep your business moving forward.

We always understand that innovation makes success and to never forget that it takes many minds & listening skills to be better at anything you do.

Now, Who Would YOU Choose?

WE DELIVER WHAT OTHERS PROMISE

PERFORMANCE

Powder King® mills have time and time again proven to give our customers the performance they demand from a pulverizing system. When it comes to performance Powder King® is on your side to deliver.

RELIABILITY

Powder King® is known for their reliability to deliver the highest quality pulverizing systems available in the industry. We understand that our customers need a system that can withstand punishing conditions in the harshest environments, whether your production requirements are from Polyethylenes for rotational molding and colored compounds or recycling of PVC, PE or other abrasive plastics. The Powder King® pulverizing system will deliver reliability that our customers expect.

EFFICIENCY

Powder King® knows that efficiency is also a key aspect to any equipment. With this at the forefront of every pulverizing system designed, Powder King® uses only the most premium efficient motors for our mills and other component motors. We also use highest quality tool steels for the pulverizer's disks and mill components. The PLC control panel electronics are also high quality name brand for years of trouble free operation. All other structural manufacturing and designed components meet the strictest guidelines for our system's functionality. When it comes to efficiency, you have Powder King® as your partner in making your profit grow.

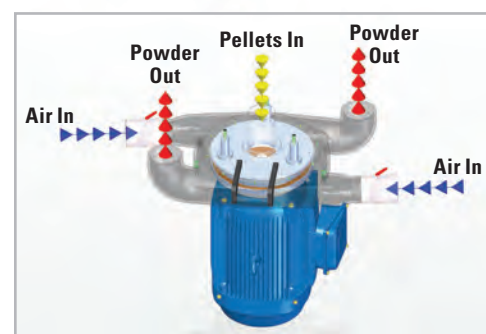
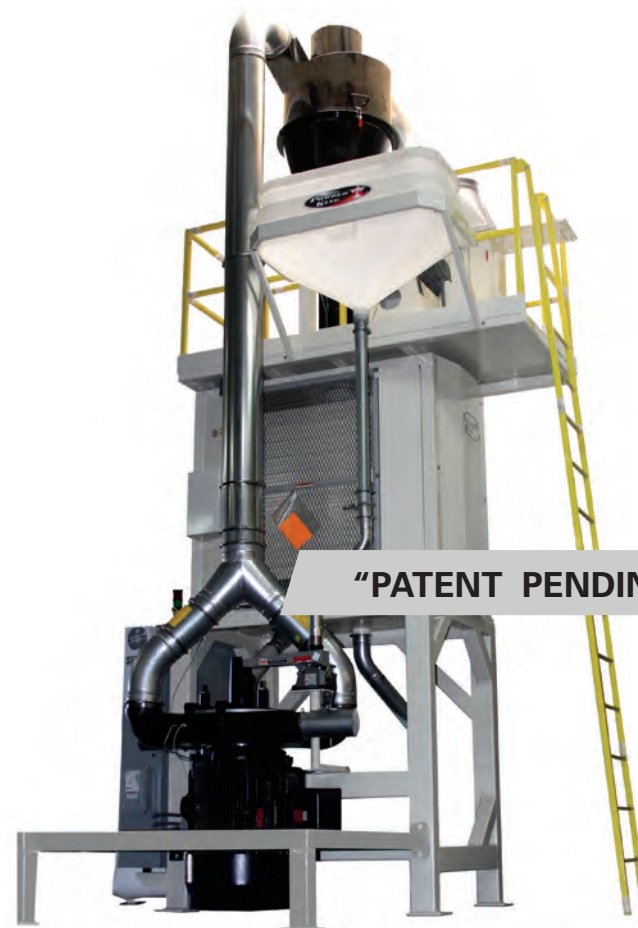
Our Commitment to Your Quality

Powder King® is unique in that our commitment to quality extends beyond what we manufacture into what you manufacture. Our pulverizing systems and airflow management technology are engineered to consistently achieve perfect particle distribution and the required bulk density and dry powder flow. We have an operator-training program that provides operators a comprehensive understanding of pulverizing and focuses on maintaining the highest level of powder quality.

PKA-VELOCITY

Mill Housing	Dual Air Inlets, Adjustable Dual Material Outlets
Disk Gap Adjustment	Single Point
Cutting Disk Size	New Style 20" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	150 HP Premium Efficiency
Hopper Size	14.2 cubic feet/500lbs. Rotational Molded
Number Of Mills	1
Sifters	Great Western Manufacturing 9-Deck Sifter
Blower	20 HP Blower Fan
Control System	EC200 Embedded Controller
Production Rates*	1600-2200lbs./hr.
Dimensions	128"L x 103"W x 243"H

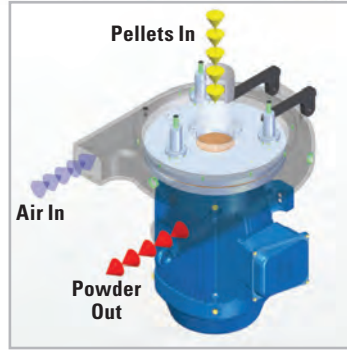
**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*



PKA-SUPER MEGA

Mill Housing	Single Air Inlet, Adjustable Single Material Outlet
Disk Gap Adjustment	Single Point
Cutting Disk Size	20" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	100 HP Mill 1 100 HP Mill 2 Premium Efficiency
Hopper Size	14.2 cubic feet/500 lbs. Rotational Molded
Number Of Mills	2
Sifters	Great Western Manufacturing 9-Deck Sifter
Blower	20 HP Blower Fan
Control System	EC200 Embedded Controller
Production Rates*	1700-2200lbs./hr.
Dimensions	98"L x 94"W x 243"H

**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*

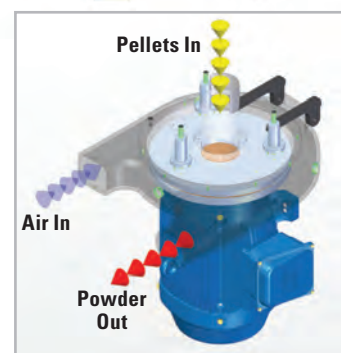




PKA-220 DIRECT DRIVE

Mill Housing	Single Air Inlet, Adjustable Single Material Outlet
Disk Gap Adjustment	Single Point
Cutting Disk Size	20" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	75 HP Primary/ 60 HP Secondary Premium Efficiency
Hopper Size	10 cubic feet/350 lbs. Rotational Molded
Number Of Mills	2
Sifters	Great Western Manufacturing 6-Deck Sifter
Blower	15 HP Blower Fan
Control System	EC200 Embedded Controller
Production Rates*	1200-1600lbs./hr.
Dimensions	98"L x 94"W x 221"H

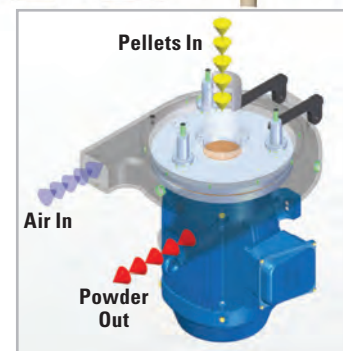
**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*



PKA-120 DIRECT DRIVE

Mill Housing	Single Air Inlet, Adjustable Single Material Outlet
Disk Gap Adjustment	Single Point
Cutting Disk Size	20" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	75 HP Premium Efficiency
Hopper Size	10 cubic feet/350 lbs. Rotational Molded
Number Of Mills	1
Sifters	Great Western Manufacturing 5-Deck Sifter
Blower	10 HP Blower Fan
Control System	EC200 Embedded Controller
Production Rates*	800-1600lbs./hr.
Dimensions	79"L x 87"W x 196"H

**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*





CRYOGENIC LABORATORY MILLS

PKA-CRYOGENIC SYSTEM

Cutting Disk Size	8" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	5 HP
Hopper Size	25 lbs.
Number Of Mills	1
Sifters	1-Deck
Blower	Built In Flywheel
Control System	Variable Speed Drives for Mill & Auger Feeder
Production Rates*	50lbs./hr. with precise particle separation
Dimensions	65"L x 44"W x 125"H

**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*



PKA-18 CRYO LAB TABLETOP

Cutting Disk Size	8" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	5 HP
Hopper Size	10 lbs.
Number Of Mills	1
Sifters	No
Blower	Built In Flywheel
Control System	Controller
Production Rates*	30-50lbs./hr.
Dimensions	55"L x 26"W x 52"H

**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*



LABORATORY MILLS

PKA-18 FULL SCALE

Cutting Disk Size	8" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	5 HP
Hopper Size	10 lbs.
Number Of Mills	1
Sifters	1-Deck
Blower	Built In Flywheel
Control System	Controller
Production Rates*	50lbs./hr. with Precise Particle Separation
Dimensions	49"L x 30"W x 112"H

**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*



PKA-18 LAB TABLE TOP

Cutting Disk Size	8" Abrasive Resistant Disks
Standard Mill Motor(s) 460/60/3 380/50/3 415/50/3	5 HP
Hopper Size	10 lbs.
Number Of Mills	1
Sifters	No
Blower	Built In Flywheel
Control System	Controller
Production Rates*	50lbs./hr.
Dimensions	28"L x 15"W x 30"H

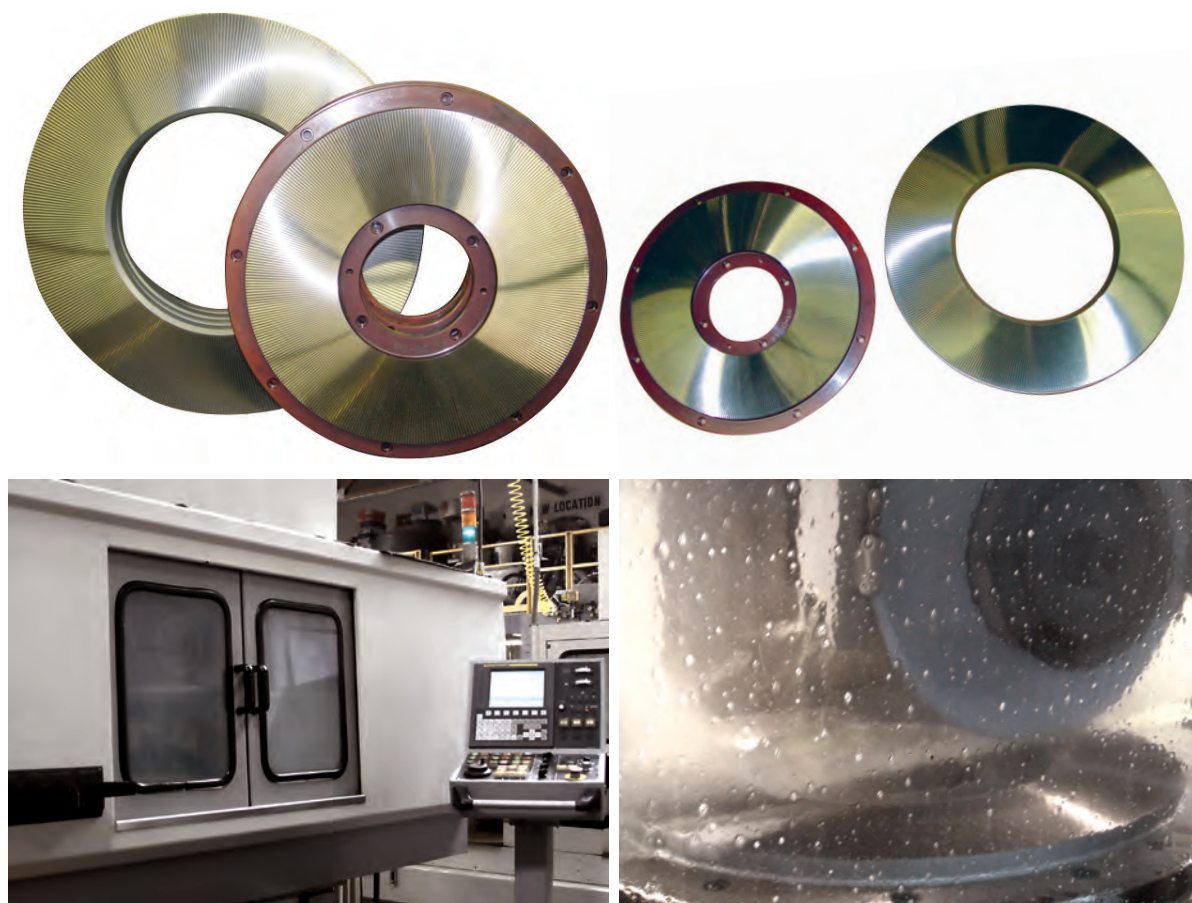
**Variables Include: Polymer Type, Ambient Air Temperature, Mesh Size, Polymer Density, M.E.I.*





DISK SHARPENING SERVICES

Powder King offers full state of the art CNC sharpening services for all manufacturer's pulverizer disks. We will provide any teeth profile for customer pulverizing requirements. Our service is fast and precise; turnaround time from receipt of customer's disks to shipping is 5 days or less in some cases. We stock full line of Powder King and other manufacturer's disks on our shelves. Please contact us for your sharpening needs.





**READY TO MAKE
YOUR NEXT MOVE **POWDER KING®**?**

www.powder-king.com



"We have stood by our statement **"We Deliver What Others Promise"** since the company's inception. We have and will consistently strive to produce the highest quality state of the art pulverizing systems available for the Rotational Molding Industry and other industries that we now serve."

—Jim Hummel, Owner



Powder King, LLC

41780 N. Vision Way • Unit 120 Bldg 2 • Anthem, AZ 85086

Contact: Jim Hummel • Phone: 623-551-9897 • Fax: 623-551-8571 • Mobile: 602-370-4531

E-mail: jhummel@powder-king.com • www.powder-king.com