

2nd QUARTER POWDER King® NEWS BULLETIN

Welcome, this month's Newsletter discusses the cost savings of pulverizing in house. A few weeks ago, I sent out this ad regarding "Super-Sizing Your Piggy Bank".

In addition to industry-wide ribbing of my awesome costume (hand-picked by my wife, I might add), I was challenged to prove my claim of saving anywhere from 6 to 8 cents per pound by pulverizing in house.

The patent pending features designed in the Powder King® pulverizing mill out-perform any other mill on the market! These features lower your energy consumption, operator labor in clean-down time and maintenance. Our systems can literally save you tens of thousands of dollars, if not more.

Take a look at what pulverizing in house really costs you. The formula below gives a perfect example using a Powder King® Dual Mill PK-220 Pulverizing System*:

MACHINE COST BREAKDOWN PER LB

Electric usage: 157 amps = 98.81 kwh @ 10 cents per kwh, 1200 lbs/hr.	0.8 cents per lb.
Disk replacement cost: 1 set of four disks every 2.5 million pounds @ 3,500.00	0.1 cents per lb.
Machine maintenance, bearings, screens etc.	0.0005 cents per lb.
Shop labor based at \$15.00 per hr.	1.25 cents per lb.
Total Cost To Operate Pulverizing Machine	2.1 cents per lb.

MATERIAL COST SAVINGS

Savings to buy pellets instead of powder	8 cents per lb.
Cost to pulverize "IN HOUSE"	2.1 cents per lb.
Total savings for your company	5.9 cents per lb.

MACHINE INVESTMENT & PAYBACK

Usage of 2,000,000 pounds per year at 5.9 cents savings per lb	\$118,000.00
Cost of Powder King® Dual Mill PK -220 Pulverizing System	\$104,500.00

Your Payback is 10.6 Months !!

*savings on resin may vary one to two cents, depending on volume. Above formula based on pulverizing natural polyethylene to 35 mesh. Costs may vary slightly, depending on electric and labor costs in your area and foreign material that may damage the disks.

Meet A PK Staff Member - Dennis J. Brazelton



Dennis J. Brazelton is the owner of Premier Tech Products. As an independent sales representative of Powder King®, Denny brings a wealth of experience in plastics processing, rotational molding and machinery to our customers.

Denny's career began in 1979 with the Wheeler Boyce Company, a manufacturer of cast aluminum molds for the rotational molding industry, where he quickly excelled to the position of Regional Sales Manager.

In 1994, Denny left Wheeler Boyce to join Ferry Industries, a rotational molding machinery manufacturer, as their Sales Manager. Wanting to expand his knowledge in the plastics industry, Denny transferred to the Quintax router division of Ferry, where he assumed the position of Vice President.

Denny formed his company, Premier Tech Products, in early 2003. Operating as an independent representative, Denny reps both Powder King® and DMI 5-axis CNC routers.

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Do You Have A Copy of Our New Brochure Yet?

Our new brochure outlines the patent pending pulverizing technologies that we've developed to optimize the pulverizing process.

[Click Here To Request A Copy](#)



Looking® For A Used Dust Collection System or Rotomolding Machine?

- 96" 3-ARM REI Machine
- 96" 4-ARM REI Machine

[Click Here To Visit The Site.](#)

This newsletter is intended to provide tips to overcoming issues you may face. We welcome your questions and will print responses to your questions in upcoming issues. Please email your pulverizing questions to sales@powderking.com.



- 20" highly abrasion resistant abrasive resistant disks
- Cast steel 1-piece housing & stand
- Patent pending airflow management
- Adjustable gap setting using single stud technology
- Allen Bradley Control Panel components
- Panel View 600 Touch Screen with 5000 PLC
- Soft Starts for mill motors (optional)
- Cast Iron High efficiency motors
- Hinged Cyclone for easy cleaning
- Operator work platforms for safety and cleaning
- Greatwestern high volume 6 deck NOVA sifter
- Large capacity 14.2 cu. ft. pellet hopper
- Heavy gauge quick disconnect piping



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