

Powder King Pulverizing NEWS

Issue #2: Cost Savings from In House Pulverizing

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. Disk replacement cost: 1 set of four disks every

2.5 million pounds @ 3,500.00 Machine maintenance, bearings, screens etc.

Shop labor based at \$15.00 per hr.

Total Cost To Operate Pulverizing Machine

MATERIAL COST SAVINGS Savings to buy pellets instead of powder 0.1 cents per lb.

0.8 cents per lb.

0.0005 cents per lb.

1.25 cents per lb. 2.1 cents per lb.

8 cents per lb.

2.1 cents per lb.

5.9 cents per lb.

Cost to pulverize "IN HOUSE"

savings per lb

Total savings for your company MACHINE INVESTMENT & PAYBACK

Cost of Powder King® Dual Mill PK -220 Pulverizing System

Usage of 2,000,000 pounds per year at 5.9 cents

\$104,500.00

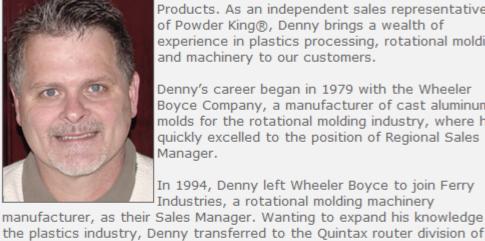
\$118,000.00

Your Payback is 10.6 Months!!

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

*savings on resin may vary one to two cents, depending on volume. Above

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

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.

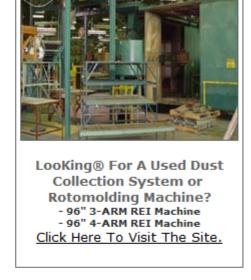
Ferry, where he assumed the position of Vice President.

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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



Soft Starts for mill motors (optional) Cast Iron High efficiency motors

Hinged Cyclone for easy cleaning

Adjustable gap setting using single stud

Allen Bradley Control Panel components Panel View 600 Touch Screen with 5000

Operator work platforms for safety and

Large capacity 14.2 cu. ft. pellet hopper

cleaning Greatwestern high volume 6 deck NOVA

technology

- Heavy gauge quick disconnect piping



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updates, simply reply to this e-mail with the word "remove" and your e-mail address in the subject line.

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