

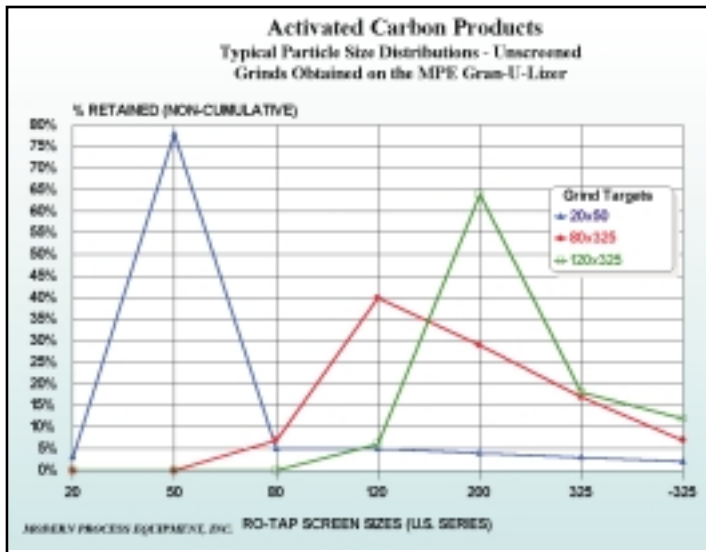
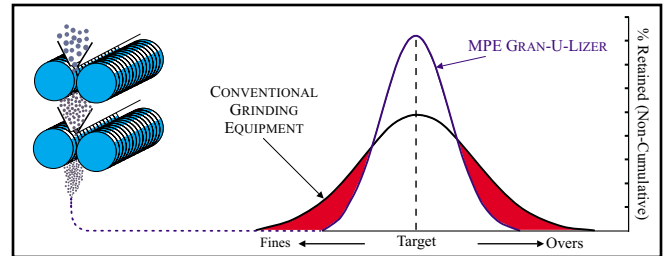


Grinding Solutions For Activated Carbon Products

Precision Size Reduction of Coconut, Coal, and Wood-Based Activated Carbon.

Who Is MPE?

Modern Process Equipment (MPE) is the world's leading manufacturer of precision particle size reduction equipment. For over 40 years, MPE has provided companies with the tools to maximize yield and minimize waste in their grinding operations. Over the past 10 years, MPE has worked extensively in the activated carbon industry and has helped producers throughout the world achieve superior particle size distributions.



What are Typical Results?

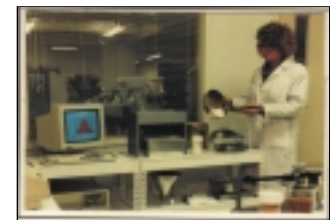
The graph at left displays typical results achieved on coconut, coal, and wood-based activated carbon products on the MPE Gran-U-Lizer. All of the sizes shown can be produced on the same mill configuration through the use of the Gran-U-Lizer's precision indexing mechanism. This type of grind adjustment is available on all MPE mills in designs ranging from manual to fully-automatic (see back of the brochure).

The ability to achieve these narrow particle size distributions stems from the high degree of precision designed and manufactured into each mill and from MPE's application-driven design approach. This unique methodology allows each mill to be customized specifically for the product application.

What is the First Step?

MPE offers all companies a no charge product evaluation in its state-of-the-art particle size reduction laboratory in Chicago. Upon receipt of product samples and finished product specifications, a Gran-U-Lizer mill configuration is constructed and finished product samples are produced. Both laser and sieve particle size analysis are then performed and forwarded along with the finished samples for review.

Please contact MPE if you wish to take advantage of this service.



MODERN PROCESS EQUIPMENT, INC.

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PRECISION PARTICLE REDUCTION EQUIPMENT . . . ENGINEERED TO YOUR NEEDS



Grinding Solutions For Activated Carbon Products

Model 777 "F" Gran-U-Lizer

Smaller production capacities.
Incorporates 6" dia by 18" length rolls.
Compact design.



Model IMD 999 Gran-U-Lizer

High production capacities.
Independent motor drives.
Incorporates 8" dia by 40" length rolls.
Automatic gap adjustment system.



The various Gran-U-Lizers shown on this page represent a small sampling of the types of mills installed in activated carbon facilities throughout the world. Each of these mills is capable of producing 20 x 50, 50 x 200, 80 x 325, and 120 x 325 finished activated carbon products.

Although all mills are based on standard Gran-U-Lizer designs, each is customized specifically for its installation by MPE engineers.

Please contact MPE to receive data sheets containing general and technical information on the full MPE Gran-U-Lizer product line.



Model 888 "F" Gran-U-Lizer

Water-cooled version shown.
Intermediate production capacities.
Incorporates 8" dia by 30" length rolls.
Optional independent motor drives.



Model IMD 1052TP Gran-U-Lizer

Highest production capacities.
Heavy duty design.
Incorporates 10" dia by 52" length rolls.
Automatic gap adjustment system.

Features



Uniform, efficient feed is assured by MPE's unique variable speed power feeder, which meters a continuous curtain of material one layer thick into the "nip" of the rolls. A vibratory feeder is also available as an option.



Optional microprocessor and PLC controllers are capable of setting and controlling roll gaps automatically, either locally or from a remote location, to within $\pm 0.0005"$ (0.01mm).



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