

# MODEL 600 SERIES GRANULIZER

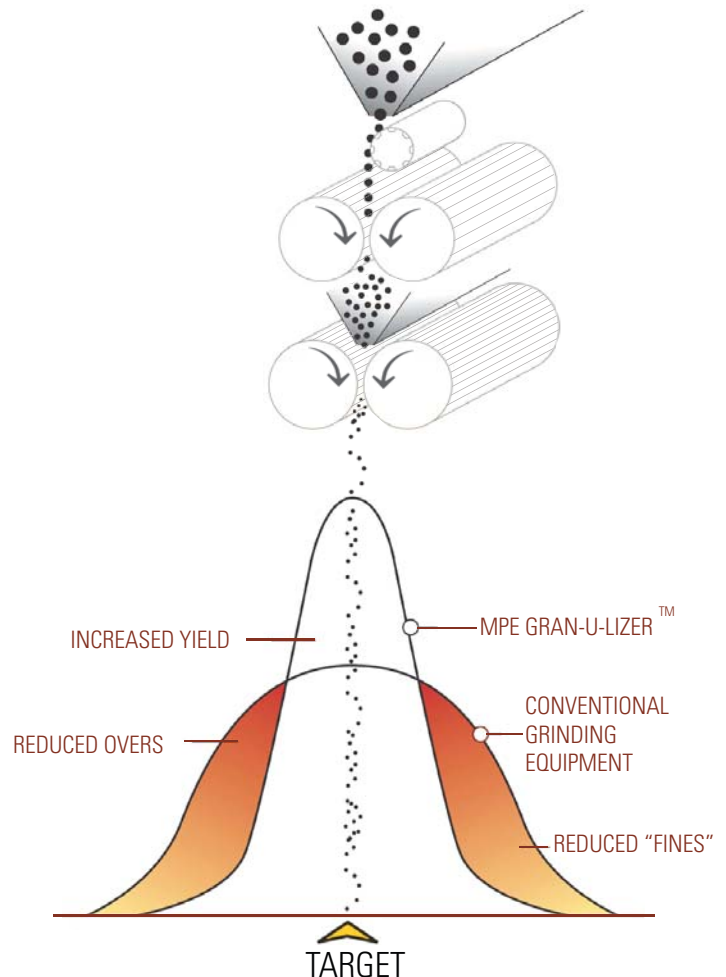
Designed for High Accuracy Grinding and Crushing Applications



Model 600 Gran-U-Lizer  
with Rotary Feeder

MPE's Model 600 Series Roller-Style Granulizers provide precisely-controlled uniform particle size distributions with minimal unwanted "fines", even in the most demanding of applications. The 600 is designed for industrial food, chemical and mineral processing applications where exact particle size distributions are desired.

As many as three (3) modular grinding sections can be vertically stacked and each includes infinite gap adjustment for maximum grind flexibility.



## THE MPE GRAN-U-LIZER™ ADVANTAGE

Accurately machined rolls and MPE's proprietary design technologies provide a uniform particle size distribution, with up to 75% fewer unwanted "fines", when compared with other grinding equipment designs.



MODERN PROCESS EQUIPMENT CORPORATION

THE SOURCE: FOR SUPERIOR GRINDING EQUIPMENT



SERIES 600

### SPECIFICATIONS

- Roll Size:** 6 x 8 inches [152 x 203 mm]
- Sections:** One (1) to three (3) stacked grinding sections
- Total Power:** 5 - 10 HP [3.7 - 7.4 kw] / 50 or 60 hz
- Target Range:** 4 - 270 US Mesh [4,700 - 50 microns]
- Capacity:** Dependent upon material grind size and density
- Drawing:** Available for download on website

## Features and Options :

### Manual Roll Gap Adjustment

Grind adjustment is achieved using a manual adjustment mechanism (Settings 1 - 25), which can be quickly and easily adjusted to achieve roll gap accuracies of +/-0.001" (0.02mm). A semi-automatic control panel features push button style controls with optional digital gap indication.



### Wide Range of Finished Particles Sizes and Applications

Infinite roll gap adjustment allows for a wide range of grind flexibility, typically ranging from 4 to 270 US Mesh [4700 - 50 microns]. The Model 600's uniform particle size distribution, low-energy usage, extreme wear resistance and minimal heat introduction make the Granulizer advantageous for thousands of applications.



### Roll Surface Options and Precision Tolerances

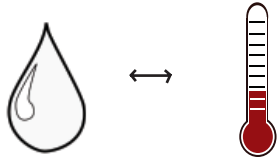
MPE manufactures its own tools used to corrugate rolls and offers thousands of tooth sizes and profiles for each unique application and grind size. Precision tolerances and repeatability guarantee consistent performance hour to hour, day to day, and year to year.

### Rugged Design and Construction

Heavy-duty construction and oversized double spherical roller bearings provide a long service life, reduced vibrations and maintain tight tolerances under extreme conditions.

### Optional Temperature-Controlled Rolls and Product Temperature Monitoring Systems

Optional water-cooled or heated rolls can be installed for products that require temperature control during the grinding process. Thermoprobes monitor product temperature at various points in the grinding process.



### OTHER OPTIONS INCLUDE:

- High hardness roll materials and coatings for extreme wear resistance
- Stainless steel and/or electroless nickel plating for non-corrosive construction
- Gas-tight designs
- Inert gas grinding environment
- Air purge bearings
- Variable speed rotary or vibratory feeders



**MODERN PROCESS EQUIPMENT CORPORATION**

mpechicago.com  
solution@mpechicago.com

3125 South Kolin Avenue  
Chicago, Illinois 60623  
U.S.A.

P +1 773 254 3929  
F +1 773 254 3935