



# New Universal Mikro-Pulverizer® from Hosokawa Micron offers Flexible Size Reduction Technology

Market demands for equipment that offers multi-purpose usage, simplicity of operation and accessibility during processing and maintenance have led to the development of a new range of small sized Universal Mikro-Pulverizers® from Hosokawa Micron. Specially designed for use in the pharmaceutical, food and speciality chemical industries the new Universal Mikro-Pulverizer® features interchangeable multiple grinding mechanisms for unlimited flexibility on final particle size and particle size distribution.

Interchangeable multiple grinding mechanisms include a knife type rotor operated at low to mid range speeds for milling of granular products, a Mikro impact hammer and screen assembly for production of finer materials down to 50 microns and a pin disc design capable of producing products down to the 25 micron range.

Based on one of Hosokawa Micron's most successful mill designs, the new Universal Mikro-Pulverizer® is available in three model sizes to suit throughputs from less than 45kg/hr to 907kg/hr. All three rotor options are available for all models.

The Universal Mikro-Pulveriser® features a fabricated housing with a hinged door with a tri-clamp closure mechanism for quick and easy access for cleaning or changing of internals. A single cantilevered high speed bearing housing with sealed for life air purged bearings makes regular maintenance quick and easy.



Multiple feed and collection options further enhance the flexibility of the Universal Mikro-Pulveriser® across food, pharmaceutical and chemical applications whilst specialist PSR units are available for hazardous applications. All mills can be incorporated into bunker style, once through, closed loop or inert system designs.

Developed from the proven Mikro-Pulveriser design that is one of the most successful size reduction technologies in the powder processing industry these small mills offer a level of versatility that will make them popular with manufactures for both R&D and production operations.