



Particle Sizing Solution

Technical Overview

Many powder processes involve both sifting and milling – a sifter for powder screening and/or to de-lump agglomerated material, and a mill for final particle sizing. A cost-effective way of achieving this is to use a machine with interchangeable sifter and mill heads. The Particle Sizing Solution (PSS) is fitted with a coupling drive arm so the heads can be swapped depending on your needs.

Features:

- Stainless steel construction (with 316L contact parts)
- All seals FDA compliant (silicone, PTFE etc.)
- Various mesh sizes available for multi-product usage (sifter basket and mill screen)
- Easy-clean, GMP design
- ATEX (ex-proof) versions available

Benefits:

- Cost efficiencies (using one machine for sifting and milling)
- High throughput for maximum productivity
- Inline feed and discharge for higher capacity and ease of system integration
- Achieve various particle sizes on one machine (by changing the sifter basket / mill screen)
- Easy to operate
- Low heat, dust and noise generation for improved working environment
- Process scalability from lab to pilot to production

Product Images

