

HAZARDOUS MATERIALS CONTAINMENT AND PROCESSING SOLUTIONS



**...meeting today's challenges
in powder and hazardous
materials processing
and handling**

Containment solutions...

Hosokawa Micron Ltd. offers a wide range of off the shelf and bespoke containment systems including shielded and non shielded gloveboxes, fume cupboards, downflow booths, laminar flow booths and contained drum filling systems to the pharmaceutical, nuclear, chemical, minerals, food and other industries throughout the world.



Contained Milling System

Materials handling & processing solutions...

The Hosokawa Micron portfolio includes a vast range of materials handling and processing equipment, many of which can be integrated into Hosokawa containment systems using through wall technology which ensures that contamination of drive systems is avoided, thus improving cleanability/reliability and ease of maintenance.

NUCLEAR INDUSTRY SOLUTIONS



The application of Hosokawa technology for the nuclear industry includes:

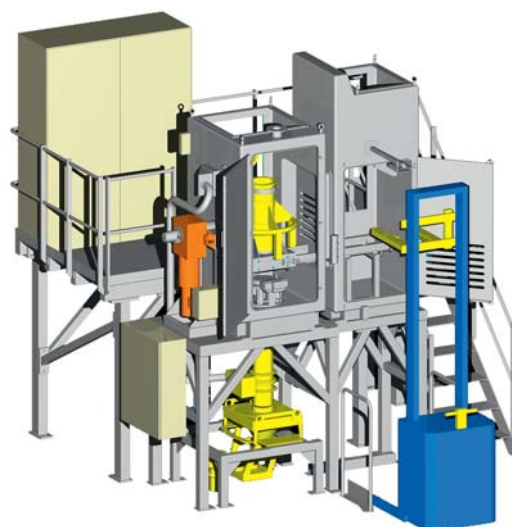
- Materials recovery & re-processing
- MOX fuel manufacture
- Size reduction of materials for volume reduction or re-processing



Vrieco
Nauta
Mixer



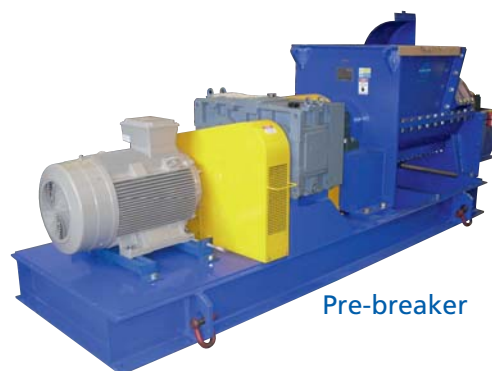
Laboratory
Particle Engineering



Part of an installation of Uranium Oxide from tramp material followed by size reduction/milling and feeding into acid dissolvers



Agglomaster
Production Plant



Pre-breaker

- Containment systems
- Size Reduction
- Mixing/Blending
- Milling/Micronising

- Vacuum & freeze Drying
- Compaction
- Agglomeration
- Nano particle production
- Powder feeding

- Drum & IBC charging & discharging
- Classification & Separation
- Particle size analysis



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PROCESS TECHNOLOGIES FOR TOMORROWSM