



- **High Shear Mixer with**
  - Vacuum loading
  - End point control
  - Binder delivery systems
- **Inline Wet Calibration**
  - Direct drive
  - Swing out for cleaning
  - Multiple blade design
  - Full range of screens
- **Enclosed Transfer to Fluid Bed Processor**
  - Controlled transfer through PLC
  - Smooth bore transfer tube
  - No shear points
- **Fluid Bed Processor**
  - Filter bag or cartridge design
  - Expansion area for spray granulation adaption
  - 12 Bar containment available
  - 'Through the wall' design available
  - In process sampling
  - Unique discharge design
  - Bottom discharge available
  - Material container swings under discharge port of granulator for direct discharge
  - Stainless steel fine fluidising mesh
  - All manufactured from 316 L Stainless Steel - NO 304 Stainless Steel
  - Exhaust filters to protect the environment
- **Dry Calibration Mill**
  - Mobile or column mounted
  - Multiple blade design
  - N<sup>2</sup> purge available
  - Full range of screens
  - Contact parts available in Hastelloy C22 for aggressive products
- **IBC Loading System**
  - Vacuum or Column discharge
- **PLC Control System**
  - Explosion proof touch screen available
  - GAMP 4 compliant
  - Data Acquisition - 21 CFR PT 11 compliant - Electronic signatures and records





- **Integrated Granulation Suites**
- **Fluid Bed Dryers**
- **Fluid Bed Spray Granulators**
- **Fluid Bed Top/  
Bottom Spray Coaters**
- **High Shear Mixer Granulators**
- **Calibration / Sizing Mills**
- **Vacuum Transfer Equipment**
- **Side Vented Tablet Coaters**
- **R&D Scale Equipment**
- **Pilot Scale Equipment**