Glatt vacuum fluidized bed system

Three process inserts for different processes:

ProCell 50
Continuous spray coating: spray granulation, agglomeration, encapsulation, drying
Batch spray coating: coating, drying

WSG 200
Batch fluidized bed: agglomeration, coating, encapsulation, drying

32 Wurster
Batch fluidized bed: agglomeration, Wurster coating, encapsulation, drying

Performance details:

- **Product volume:** 200 kg to 20 t
- **Output:** 5 to 30 kg/h
- **Batch size:** 100 to 380 kg/batch (ProCell 50 from 20 kg/batch)
- **Spray rate:** 20 to 250 l/h
- **Effective volume:** 10 to 300 l (ProCell 50 from 50 l)
- **Inlet air temp.:** Up to 120 °C
- **Air volume:** 1,000 to 4,000 m$^3$/h
- **Product temp.:** up to 80 °C
- **Spray system:** bottom spray or top spray, melt spray system
- **Exhaust air treatment:** internal bag filter
- **Operating mode:** continuous mode, batch mode, fresh air-exhaust principle, circulation mode with air or nitrogen, circulation mode with vacuum
- **Process control:** Siemens S7, visualization with WinCC, trend memory
- **Version:** sieve-grinding cycle, solvent recovery, continuous product entry, continuous product discharge