ProCell PilotSystem

Two process inserts for different processes:

ProCell 25
Continuous spray coating: spray granulation, encapsulation, agglomeration, coating, drying

GF 25:
Continuous fluidized bed: spray granulation, encapsulation, agglomeration, coating, drying

Performance details:

Product volume: 50 to 1,000 kg
Output: 5 to 30 kg/h
Spray rate: 5 to 75 l/h
Effective volume: 10 to 40 l.
Inlet air temp.: up to 350 °C, spread over 4 air chambers, temperature separately adjustable
Air volume: 400 to 2,600 m³/h, spread over 4 air chambers, air volume separately adjustable
Product temp.: up to 180 °C
Spray systems: bottom spray or top spray up to 4 nozzles, 3-component nozzles, melt spray system
Ex. air treatment: internal cartridge filter, internal plate filter with WIP cleaning, internal bag filter with WIP cleaning, external dust removal with cyclone and dust recirculation, external cartridge filter
Operating mode: continuous mode, fresh air-exhaust principle, circulation mode with air or nitrogen
Process control: Siemens S7, visualization with Glatt MegaView, data storage, recipe control
Version: sieve-grinding cycle, solvent recovery, WIP version, explosion suppression, process gas dehumidification, continuous product entry, continuous product discharge