

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 m ³ /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