

ICDS HR800 with RFBD600-20 and Powder Supply

“The Multifunctional Coating/Treating/Encrusting system”

The ICDS HR800 with RFBD600-20 and Powder Supply is a great combination to have the possibility for basic seed treatment (up to 3500l/h), Film coating (up to 1500l/h) and Encrusting (up to 650l/h). (capacities depend on moisture requests and recipes used).



Complete line

Optional seed outlet with place for 2 bins and automatic switching system

One of the possibilities is to have an automated switching system to add 2 containers after the dryer, and even at the bypass to have seed treated without drying for basic seed treatment



Seed outlet with automatic switching

Compact and easy to use powder supply system

Optionally the system can be supplied with a fully automated powder supplying system based on weight, time and speed. The big-bags with the powder can be easily put on top of the powder inlet, a chain conveyor transports the coating up to the weighing bin. This bin will dose the coating into the powder feeder which will dose the coating into your coating process with the speed and time set in the recipe.



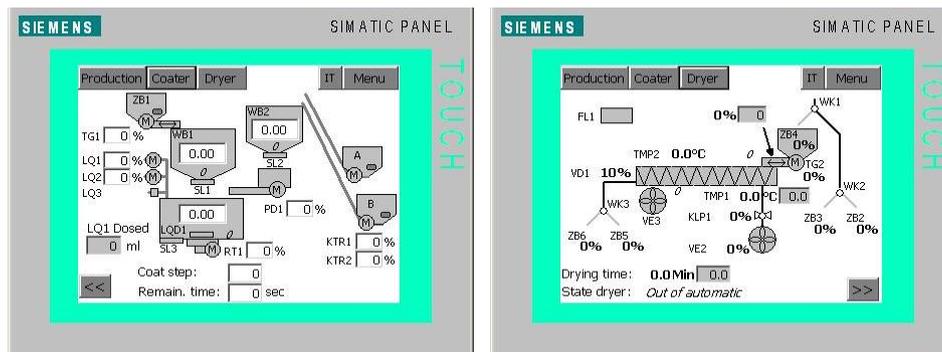
Powder supply

PLC controlled with Touch Panel for all functions

The easy to use Touch Screens guide you through the control of the system, during the process the process screen gives you a quick overview of the running functions.



PLC with Touch Panel



One of the big advantages of the Rotary Fluid bed Dryer is the dedusting during the drying. Because of the technical design the seeds are dried and dedusted in one machine. The whole machine is controllable with the PLC and Touch Panel. This makes the machine easy to use, and it has the opportunity to save different coating recipes (up to 100) to reproduce the coating application. By cooling down the seeds directly after the drying process the seeds are ready for packaging directly after the process. This makes it suitable for the Just in Time treatment production.

We can deliver you the total package of the system including platforms and/or air conditioning units. Ask us for more specific information.

Product characteristics

- Drying continuously with the most efficient fluid bed system available in the industry
- Standard plug and play version available
- Easy to use
- Simple straight forward design
- Dedusting and drying in one machine
- Quick changing to manual rotary coating
- Drying has no influence on the rotary coating process

Options

- Air conditioning system for drying in every weather condition
- Gas heating system
- Integrated powder feeder (no dusty process due to our technical design)
- Peristaltic pump for liquid supply
- See our special PLC options page

Specifications on Request, depending on recipe/drying specs.