



IRCD800 HR800 with BDS600

“Automatic coating/pelleting/encrusting and drying system”

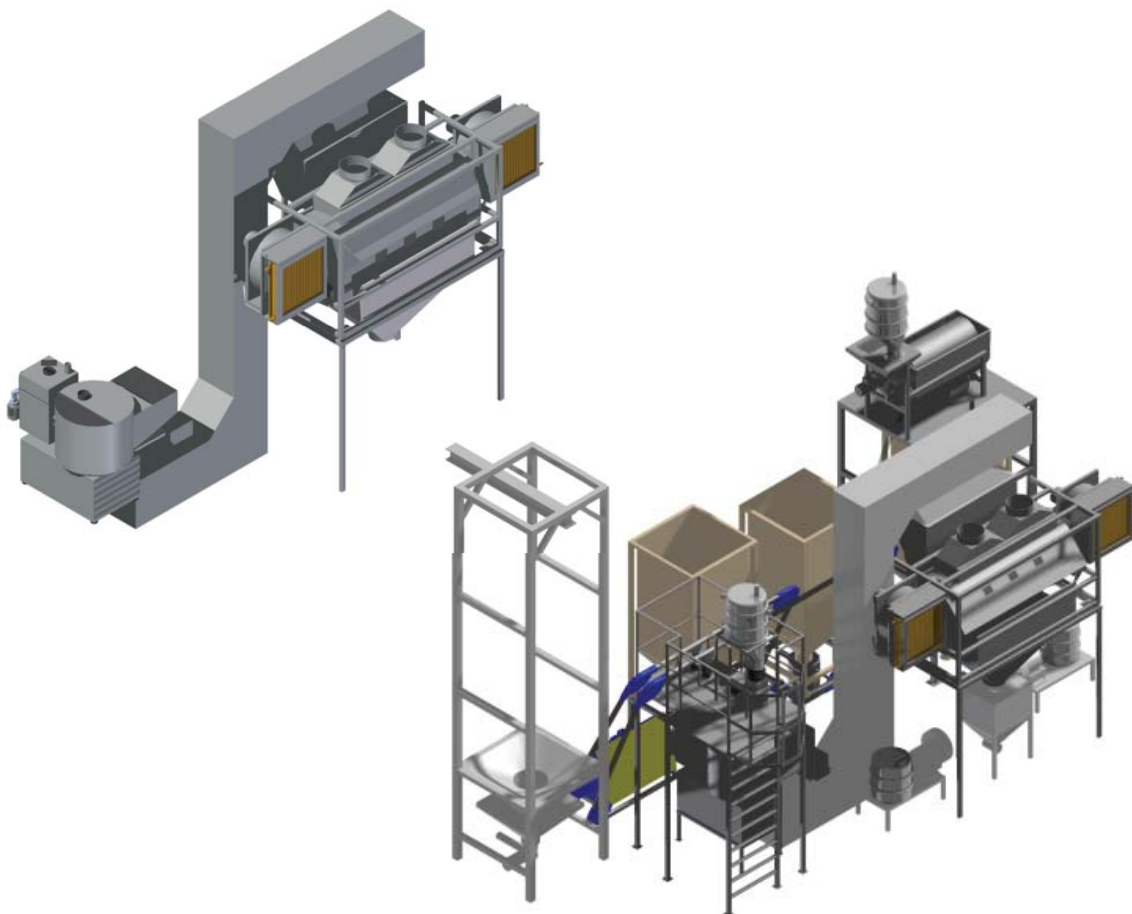
The ICDS HR750ASFCP with ABDS750 is suited for drying full pelleted products in a automatic process. The dryer is capable to dry 3-5 batches of the HR750 together to increase the drying time. For example when your pelleting process is about 10 minutes, you have 30-50 minutes to dry several batches together.

One of the advantages of the ABDS750 is the real-time moisture increasing weighing system. Due to the technical design you can constantly weigh the amount of product in the dryer. It is also possible to control the drying process by weight.

Ask us more about the system and/or possibilities for your specific need of pelleting.

Advantages of the HR800 with BDS600:

- Specially for encrusted/pelleted seeds
- Rapid drying process due to the fluidized bed principle
- Automated discontinuous system (traceability/containment guaranteed)
- **REAL-TIME humidity control**
- Compact system
- Capacity (grass encrusting 50:50, up to 250-300 kg/h)



For further information contact:



Integrated Coating / Drying Systems

Fast and easy continuous coating and drying your seed!

Hoopman equipment & engineering b.v. (e&e) is a specialist in application equipment for seed. The latest development work has resulted in two unique coating/drying systems. Since ICI's development of the rotary coating equipment many conventional seed dressing systems have been replaced by this still state of the art pesticide application principle.

Our novelty is that we have been capable of combining the extreme rapid application advantages of the rotary coating principle with a connected unique non vibration fluidised bed system. **We do not dry in the rotary coater since this will greatly affect the capacity of the rotary coating system.** There are two systems available.

The Automated Batch Fluidised Bed Drying System

- The Automated Batch Drying System **combines highly efficient fluidised bed drying with 'single batch containment' advantages.** This system is especially used for combined coating/ drying of **encrusted or pelleted product.** If pelleting time for example is 15-20 minutes, an accumulated 4 batches can be dried in about 60-80 minutes. Systems of 60 – 600 ltr. per batch are available. This results in fully automated coating/ drying systems with a capacity of 120 – 1800 ltr per hour coating/ drying capacity. With typical grass coating application the above dryer configurations have capacities of 30 – 900 kg per hour per machine.
- Another huge advantage of the design is that real-time weighing can take place during the drying in order to have **absolute and continuous moisture control** independent of often inaccurate in line/real time humidity control.
- The dryer empties out 100% because it rotates 180 degrees so there is no cross contamination between batches!
- Normally vibrating fluidised bed systems are, when compact, extremely costly or when simply built (reciprocating drive) extremely long. The **e&e** Automated Batch Drying System is extremely compact.

Continuous Rotary Fluidised bed Drying System

- Filmcoating has basically taken over all conventional powder or slurry based seed dressing.
- The challenges of today are to maintain a continuous flow, seed ready to pack, affordable, application system. The **e&e** Continuous Rotary Fluid-bed drying system allows you to just do that.
- In stead of using large static dryers or high cost vibratory dryers, the **e&e** Continuous Rotary Fluid-bed drying system combines the speed and efficiency of a fluidised bed system with the simplicity of a continuous rotary drum dryer.
- **This brand new and unique system is now available for testing in our facilities in Holland.**

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