HALDRUP LCB-2000

Universal Batch Treater

The HALDRUP LCB-2000 Universal Batch Treater is ideal for seed breeding and application experiments in field trial research. It is a versatile device with a compact design. All parts that come into contact with the product are made of high-quality stainless steel.

The HALDRUP LCB-2000 enables various types of seed treatment and coating, from pelleting to encrusting to film coating. The seed is moved in a rotor-stator process, while deflectors ensure uniform mixing. Air blown under the rotor creates an air cushion at the transition from rotor to stator, thus ensuring maximum seed protection.

The seed treatment agents added via the feed pipe are finely atomized by a rapidly rotating spray disc and applied to the seed. Unlike nozzles, the spray disc can never clog, ensuring particularly reliable operation.

After the treatment process is completed, the seed is manually discharged from the treatment chamber via the spring-loaded discharge flap and can be individually filled and packaged. Due to the excellent wetting of the seed with treatment agents, the amount of application can be minimized, eliminating the need for subsequent drying processes.

BENEFITS

- High-quality treatment of all seed types using the rotor/stator principle
- Flexible treatment, coating and pelleting processes
- Perfect degree of treatment thanks to batch treating technology
- Particularly suitable for seed breeding and application trials
- Perfect treatment result from 100 ml – 2000 ml seed content
- Optimum grain-to-grain distribution
- Homogeneous grain coating
- Seed protection due to air cushioning during treating operation
- Fully visible discharge channel with excellent cleaning openings
- Spring-loaded discharge flap with one-hand operation
- Transportable and can be used anywhere (230 V and compressed air connection required)

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FUNCTIONS

- Mixing cylinder with special diverter blades
- Infinitely variable speed adjustment of the mixing cone
- Spray disk for fine spraying of liquids (without nozzles)
- Treating liquid addition by means of syringe, dispensette or peristaltic pump
- Very simple operation via manual switches
- Various discharge funnels, the right funnel for every bag
- Openings in the lid for aspiration and manual addition of pickling agents

OPTIONAL

- Storage container for seeds (approx. 1500 ml capacity or according to customer requirements) with bottom flap
- Laboratory hose pump for standardized treating processes
- Closed diverter blades

Subject to technical modifications and errors.
Illustrations may show optional equipment.

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