

## Cabinet Drier With Tray



**Automatic drying unit for drying small amounts of seeds and pellets in a mobile tray. Drying system is based on static drying process.**



Drying section is divided by a panel in two horizontal compartments.  
A Sensor is placed underneath the tray and measure in the incoming air conditions



The tray can be placed in the cabinet drier. Dry air is sucked up from under the tray and would be lead trough the seeds.



There is opening in the horizontal panel even big as the tray. The tray would be pushed to a rubber strip that is mounted Under the opening in the horizontal panel. On the side there is opening to extract dry air.



A wired screen is placed on top of the opening to prevent that seeds or pellets are sucked out of the tray. The T and RH of the out coming air would be measured. A lamp which is placed above the tray helps to observe the drying process.



Double opening to extract boiler heated air (water 90°-70°) or dehydrated air. In a closed drying situation, dry air out of the seeds would re-used from this point.

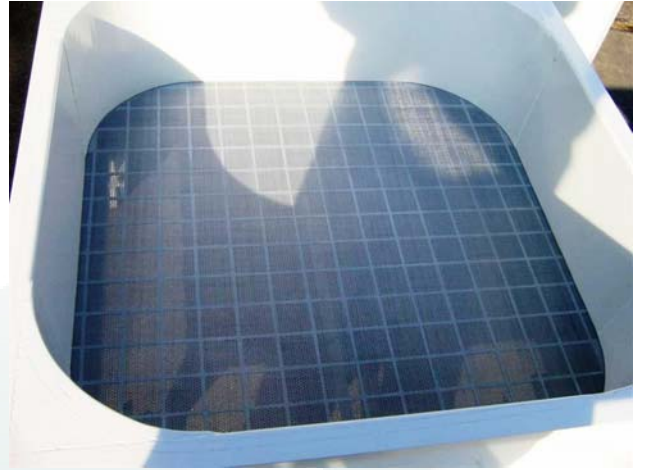


Backside of cabinet drier:

- Connections heaters to central boiler system.
- Ventilator out coming air (right on top)



Mobile tray with handy handgrip (slide-in)



Bottom tray; Trellis covered with mesh screen.



Mobile tray with Handy handgrip (slide-out)



Optie: Vol automatische regeling



Semi-automatic standard drying control system:

- AAC processor to control the temperature and Control drying steps: drying, re-drying, conditioning.

Manually settings:

- Airflow drying process
- Airflow conditioning phase
- First drying phase
- Last drying phase
- Conditioning phase
- Dehumidifier on/off (optional)

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Full automatic drying control system with ADC Processor; example of control situation:

- Different drying stages can be controlled per phase
- Programming by touch screen
- Airflow drying process
- Required Temp and RH out coming air
- Automat. increasing of airflow
- Integrated control system for dehumidifier