

# Mobile collection of all your harvest data.

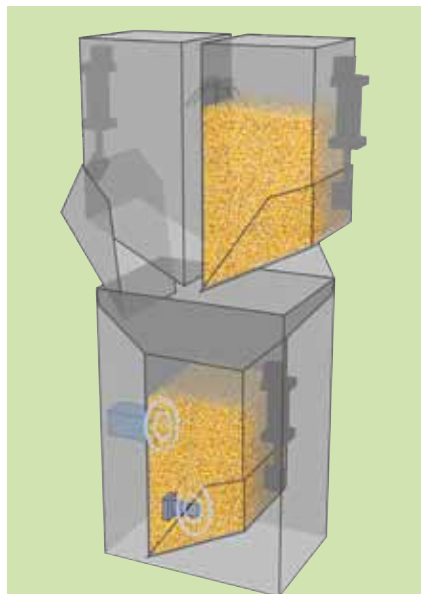
WINTERSTEIGER also places an emphasis on future-oriented solutions in the field of mobile data collection. Only state of the art systems specially developed for agricultural research are used in our harvesting machines.

## Mobile Harvesting Data System Twin High Capacity GrainGage™.

This harvesting data system is perfect if you need to achieve fast weighing cycles and use the Field Research Software™ (FRS) for field plan implementation. Stores the measured data and exports the resulting data.

### The sequence is as follows during harvesting:

- The weighing system comprises 2 pre-containers (for the left and right plots respectively) and a weigh bucket with the sensors required for weight and moisture measurement
- The weighing cycle is actuated manually at the end of the plot by pressing a button
- The harvested material is fed from the pre-container into the weigh bucket where the measurement occurs
- The left plot is measured first, followed by the right plot
- The data is stored on the PC, e.g. the Allegro™ Field PC or an industrial PC
- Additionally, the data can be printed out on a mobile field printer or stored on an additional memory card
- Additionally, the weighing system has a countdown timer for determining the optimum time for the measurement



The 2 pre-containers are opened and the harvested material falls into the weigh bucket

### Your benefits summed up:

- The **single-chamber system** is easy to calibrate, easy to operate and delivers precise results at fast cycle times
- **Precision electronics:** The new HM800 electronics link the weight and moisture sensors by means of a CAN bus data line. The core of the new data collection system is the „HM800 Analog and Actuator Module“. This avoids long/bulky cables
- **Slope and motion sensor:** Improves weighing precision and reduces errors caused by vibrations/ the harvester moving. This enables weighing while the harvester is moving through the plot and measurements on slopes of up to 10 %
- **Moisture sensor:** Highly precise measurements are possible despite high levels of moisture
- **Continuous harvesting** of long plots is supported
- Use of **Field Research Software™ (FRS)**