

Twin Plot High Capacity Grain Gage (TP HCGG) Weighing System.

Especially designed for the WINTERSTEIGER Split plot combine, this weighing system incorporates two holding hoppers and a single weigh bucket. The single bucket with one set of calibrations eliminates side to side errors that are introduced by traditional double buckets systems.

Precision electronics.

The new HM800 electronics connect the weight and moisture sensors through a CAN communications network. At the heart of this network are the HM800 Analog and Actuator modules. These modules are located in close proximity to the sensors that measure weight and moisture. This design increases data accuracy for these critical measurements and eliminates large bulky cables.

Features:

- Single weigh bucket with two holding hoppers
- FRS Harvest Software
- Grain level detection devices for strip harvest

Leading edge technology.

- Slope and Motion Sensor: Increases weighing accuracy and reduces errors caused by combine vibration and movement.
- Moisture Sensor: It provides accurate moisture and test weight measurements even on high moisture grains.

Range	Row
Moisture	21.70
Test Weight	55.30
Weight	24.20

W: 0.00 M: 0.00

Windows mobile software.

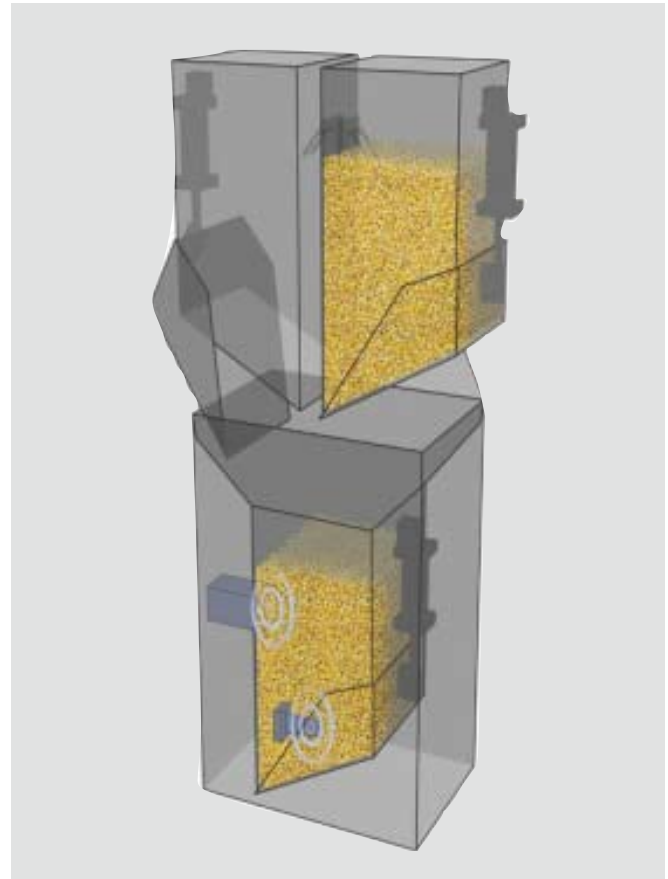
FRS Harvest installed on a rugged handheld computer, allows the researcher to see field map information, current plot location and grain measurement. Large fonts and multiple data views allow the driver to see collected data. Data are exported into a format that is compatible with standard analysis packages or custom research programs.

Your benefits summed up:

- HM800 electronics with CAN eliminate bulky cables
- Highly accurate, repeatable moisture and test weight measurement
- Weight measurement compensated for combine movement
- Single set of calibration increases accuracy over double buckets systems
- Harvest two plots simultaneously
- Harvest strip trials without stopping the combine



Weighing system



2-chamber system

Technical Data

Specification	
Chamber Capacity	20 kg (45 lbs of corn)
Grain outlet	457 mm (18")
Actuators	Precision pneumatics
Accuracy/speed of measurement	
Weight	+/- 0,4 % of full scale or 0,16 absolute
Test weight	+/- 1 lb/bu = over 95 % of samples
Moisture	+/- 0,5 % up to 25 % (wwb), +/- 0,9 % up to 35 %
System speed	Data recorded and system ready in 12 seconds
HM 800 Electronics	
Type of protection	IP67 water- and dustproof
Operating temperature	-20°C to +50°C
Power	9 V to 17 V DC
Communications	CAN Bus - 4 wires
Connection	Con X - all connections
Dimensions	
Measurements	Width: approx. 787 mm (39") Depth: approx. 483 mm (19") Height: approx. 1118 mm (44")
Weight	72,6 kg (160 lbs)

We reserve the right to make technical alterations.