Grain Balance

Part of Grain Cloud

Grain Balance Scale

Automatic grain weighing with real-time reporting

Grain Balance

Summary of harvest quantity.

With Grain Balance you no longer need to guess or spend time on calculating your grain storage. The quantity is registered automatically in your balance, where the results are clearly presented and give you complete summary of your harvest wherever and whenever you need it.
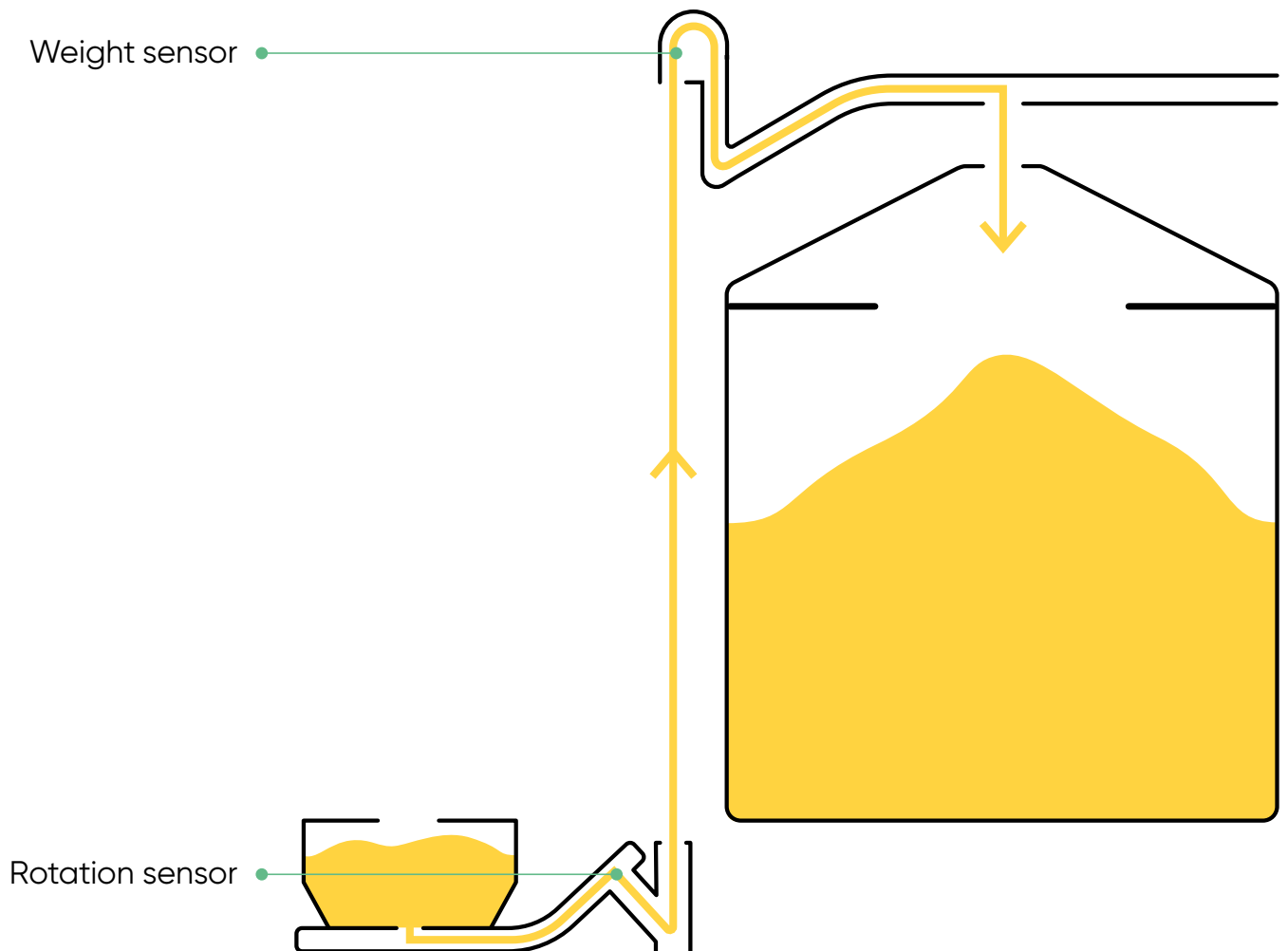
Grain Balance Scale

Grain Balance Scale is an elevator scale that automatically weighs your loads of grain from the field, in real-time. The balance per crop, variety and field is graphically shown in Grain App. By simply defining the crop and variety per field in advance* you then just select which field you are harvesting from and Grain Balance Scale automatically calculates your loaded batches as well as yield per hectare. The product is compatible with all elevators with gear box motors manufactured by Skandia Elevator.

- Quick and easy installation.

- Easy to define crops and variety per field.

- Automatic calculation of the loaded batches and yield per hectare.

- Complete summary of your balance shown as wet or dry weight per crop, variety and field.

- Annual harvest management gives the possibility to evaluate and compare years.

- Integrated internet connection.

*or import your data from the field processing software Nya Dataväxt.

This is how it works

Sensors measure data, from transport equipment, which is sent to the cloud via a connection unit. The weight of loaded grain is calculated and presented in real-time in Grain App.

Weight sensor

Rotation sensor

Get full control over your harvest - order Grain Balance Scale today

Read more on graincloud.com

Sensors

The hardware in Grain Balance consists of either one or two sensors, depending on the installation's prerequisites. The sensors can be easily installed on the existing equipment as they are delivered with an accompanying fastening mechanism.

Weight sensor

A weight sensor is always included. It is attached to the elevator, between the elevator's torque rod and gear. The weight sensor replaces the existing rubber bushing. The weight sensor connects to the Connection unit GBA.

Rotation sensor

A rotation sensor is only included for installations where the elevator is also used for transports other than loading. It is attached to the trench intake conveyor, placed on the existing screw connections of the drive shaft bearing. The existing safety guard is replaced with the accompanying safety guard that has a cut out for the rotation sensor. The rotation sensor connects to the Connection unit GBA.

Connection unit GBA

Connection unit GBA is coupled to the weight sensor and the rotation sensor* which enables data transfer to the cloud and presentation in Grain App, the interface for the product Grain Balance Scale.
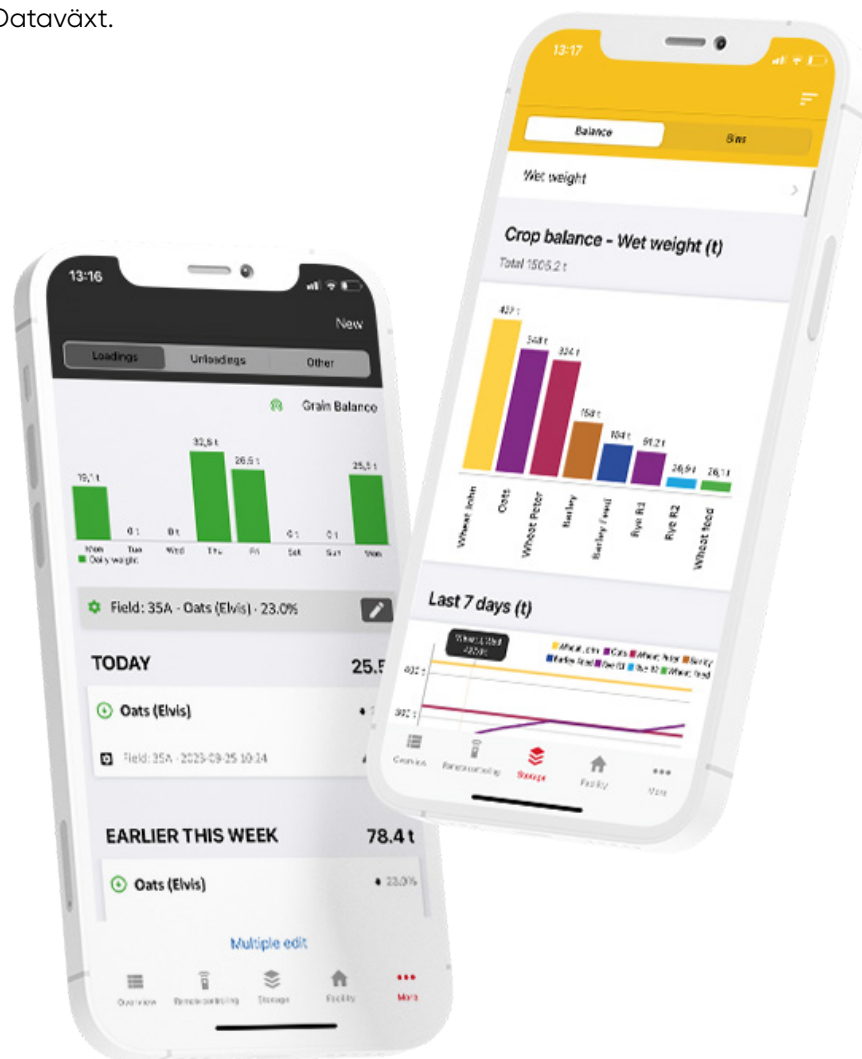
not included in all sets.

"Compared with a traditional scale, this was a very quick solution. It took a couple of hours to install and then everything was up and running."

– David Andrae, Operations Manager at Degeberg

Interface

Grain Balance Scale utilises Grain App as interface, which is used by several Grain Cloud products. In Grain App you can easily remotely monitor your loads and your balance. The smart interface in Grain App is very user-friendly. All values are displayed easily in clear views with option to look further in detail when needed.

Grain App supports annual harvest management and data import of fields and crops from the field processing software Nya Dataväxt.
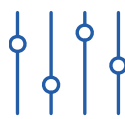
Would you like to see more details?
Read more on graincloud.com

THE PIONEERS OF DIGITAL GRAIN STORAGE

Grain Cloud is based on the idea of total control of your grain work. Leading to superior harvest quality and invaluable insights. Founded in 1914 we have for a long time been the front runner within the professional agriculture. And are today, pioneers of digital grain storage. Experience a new world of visionary digital solutions for your daily grain handling. Always aimed at increased profitability.

Grain Balance
Summary of harvest quantity.

Grain Control
Facilitate operation of equipment.

Grain Watch
Monitoring of harvest quality.

Discover the Grain Cloud family

Get full control, superior grain quality, beneficial insights and the ability to remotely manage processes. The products in the Grain Cloud family have been developed to seamlessly integrate with all types and levels of agricultural facilities.

Read more on graincloud.com

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