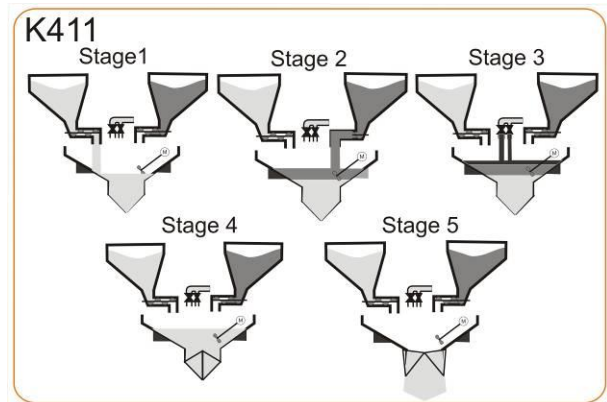
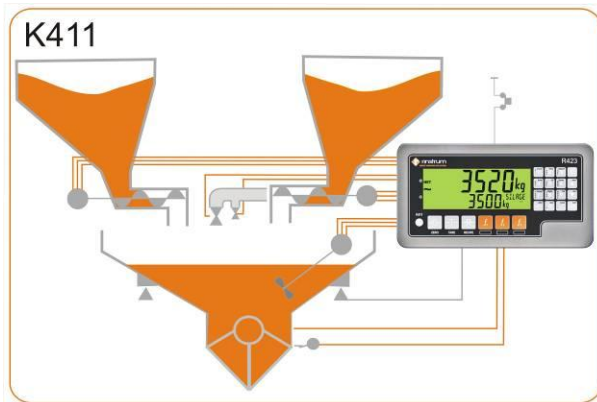


## R400 Series – K411 – Data Sheet



- 100 Recipes (Products)
- 10 Batching stages
- Fill, Dump, and Pulse stages
- 6 Materials/3 Speed Fill
- Fill correction using jogging or in-flight
- Dump to time or weight
- Negative batching and Batch suspend
- Timer based multiple batching using Real Time Clock

The K411 provides a powerful and flexible batching controller that builds on the K410 functionality where up to 10 batching stages can be defined for an application as either a fill, dump or pulse stage. It is suitable for multi-head batching machines and more complex control systems.

**Detailed reporting** with material usage and batch statistics, along with QA records of every batch run possible when combined with the data logger;

**Batching operation flexibility** where batch size can be varied by either weight or proportion and the operator can set number of batches to run.

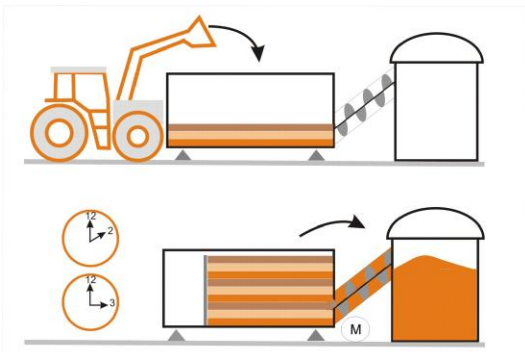
**Overall system accuracy** of the K411 allows for unprecedented filling control with uncertainty of less than 1 millisecond.

**The 32 I/O control points** available on R400 indicators allow for complex control with multiple set points, enables and interlocks. As the outputs are isolated high side (current source) drivers they are capable of driving low voltage actuators directly or can be connected directly with PLC controllers.

**The multi-line display** shows batch progress, current weight, target weights, material name along with dedicated batch status annunciators. For example in a batch out scenario current net weight and target weight along with name of the material that is being batched is displayed.



### Smart Weighing



#### Functions for Industry

Automatic proportion calculation after first fill stage

- Proportions of remaining batch are adjusted automatically according to first material fill quantity
- Ideal for applications with a manually loaded first fill stage

Timer based multiple batching

- The Real Time Clock is used to control the batch timing for time based batching
- Ideal for bio-fuel and dosing applications

*..now that's smart weighing.*