

# Product Launch R42x-K410 – Single Material Filling Software

February 2009

Software: R400-K410

**simple setup  
filling and negative batching**



The R400 series has been expanded to include the K410 software for single material filling applications.

## batching specifications

- 100 Recipes (Products)
- 3 set batching stages- Fill, Dump and Pulse
- 1 Material
- 3 Speed Fill
- Fill correction using jogging or in-flight
- Dump to time or weight
- Negative batching
- Batch suspend
- Timer (RTC) based multiple batching

## negative batching

- Negative batching is supported by setting the fill direction which defines if the weight is increasing or decreasing while batching.
- **Ideal for discharge and dosing applications.**

## batch suspend

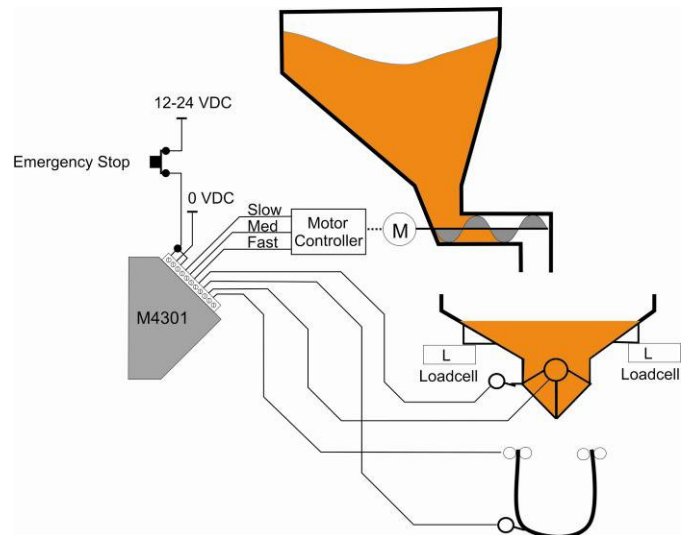
- A suspend function key can be set that will pause the batch and adjust the tare weight when resuming the batch.
- **Ideal for when a material feeding the batch needs to be topped up during the batch without affecting the batched amount. Or when feeding from multiple bulker bags etc.**

## time of day batching

- Timer based multiple batching
- The Real Time Clock is used to control the batch timing for time based batching
- **Ideal for bio-fuel applications or where exothermic reactions occur.**

## applications

- Dosing and bag or silo filling
- Filling applications using negative batching, for example discharge from a silo into a truck.



**Input/Output Modules** - the inputs are isolated to resist against system noise. The outputs feature 400mA drive current - capable of driving low voltage actuators directly or can be connected directly with PLC controllers.

Optional external relay PCB can switch 250VAC to 8A, an ideal component for standalone batching.

**Operator friendly** – the large two line display uses logical prompts and there are dedicated and programmable function keys. Printing can be tailored with custom record, docket or reports printouts.

[View Application Note](#)

[View K410 Product Details](#)

**....now that's a smart way to do a filling application**

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