

Trial Batch Weigher

Collinson 

FEED WEIGHING SYSTEM FOR PIGS

Monitor feed input into a single pen of your fattening unit to fine tune management and optimise profits.

The trial batch weigher can be positioned on the feeder of a single pen to easily undertake experimentation trials or feed monitoring to maximise the growth potential of your pigs.

With no electrical or pneumatic requirements this low cost simple weighing method can be easily relocated from pen to pen for total flexibility.

Features

- Low cost, simple weighing method
- Robust, sturdy construction with reliability in operation
- No electric or pneumatic requirements
- Ideal for trial or feed monitoring
- Two chamber design, weighing a 4kg batch each side
- Easy to read counter display located remote or locally
- Integrate into new or existing feeding systems
- Simple installation
 - Mount directly on feed hopper
 - Suspend from ceiling



Accuracy

Calibration ensures maximum accuracy, this must be undertaken prior to use, we also advise to repeat this process following each feed delivery to allow for variants in product density.

Calibration

To calibrate; tip two batches of feed, one from each side, and weigh the contents on a recently calibrated set of scales.
Adjust the weights on the side of the weigher as required and repeat to test. A single tip will be equal to half of the calibrated weight, repeat to confirm.

Operation

In operation the conveyor delivers feed to the weigher, filling one side before tipping, releasing feed into the hopper and then filling the alternate side, a single tip registers as one pulse on the counter.

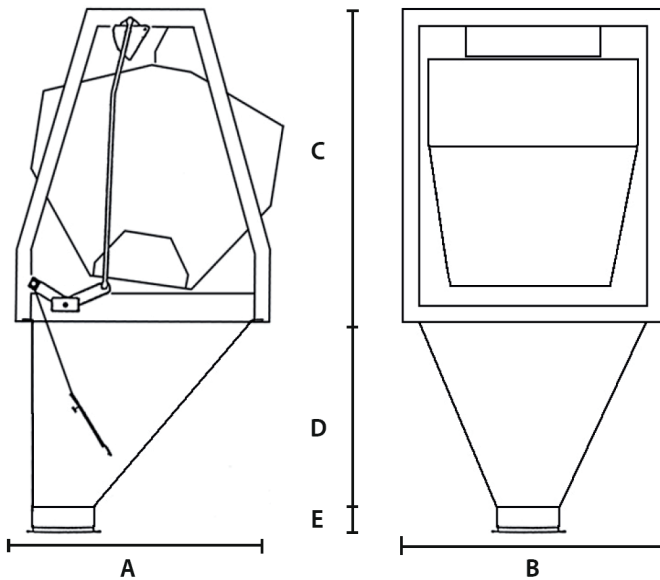
As the hopper becomes full feed rests on the dispensing paddle which in turn closes the inlet slide to stop the conveyor. As the pigs eat the feed it moves down the hopper uncovering and subsequently releasing the paddle, this in turn opens the inlet slide and the conveyor starts resuming filling.

Monitoring

The counter registers one unit for two 4kg tips, so utilised feed can be simply calculated by multiplying the units with the calibrated amount, typically 8kg.

Specification

Trial Batch Weigher with outlet hopper and inlet slide



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
420	425	475	260	50



Optional Extras



Inlet Hopper

The open inlet hopper accommodates multiple intake augers, funnelling the feed into the weigher.

Adjustable Legs

Dependant upon the positioning of your weigher, optional legs can be adjusted to your required height.

Min - 405 mm

Max - 615 mm