

# THE ULTIMATE HIGH SPEED SEED COUNTING PLATFORM

Count, fill packets, determine seed per pound, apply treatment from 1 seed to 10,000

Bar Code Verification Guarantees integrity with USB Data storage



**Model 2500E  
Envelope Filler**

## Features:

- **Counts up to 500 seeds/second depending on size**
- +/- 1% counting accuracy
- Accommodates from 1 to 10 envelopes on the carousel
- Fills any Qty. of envelopes, can be programmed to fill the same or different quantities or use bar code for Qty.
- Additional position to evacuate remaining seed and totalize remnant
- Totalize an unknown quantity
- Automatic cleanout
- Bar Code Reader Available
- Integrates with a scale
- Sensitivity adjustment to exclude debris in seed
- Custom built stand

## Technical Specifications:

- Compressed air required at 4 SCFM, 80 PSI
- Requires 120 VAC @ 2 amps 60 hz single phase
- Dimensions 48"h x 38"w x 20"d
- Weighs approximately 80 lbs.



**Model 2900  
Counter- Treater**

## Features:

- Fill packets and treat all in one step
- Automatic chemical calibration, no need to manually adjust
- Chemical Qty. is calculated from seed count not volume
- Treat up to 300 seeds per envelope
- 250 packets per hour
- Exports count data to spreadsheet
- Recipe features
- Coater & counter can be ran separately
- Optional Bar Code Reader available

## Technical Specifications:

- Compressed air 4 SCFM, 80 PSI
- Requires 120 VAC @ 2 amps 60 hz
- Dimensions are 48"h x 48"w x 20"d
- Weighs 140 lbs.

**Model C<sup>2</sup>**

**High Speed Seed Counter + Coating System**



## High Speed Counter Advantages:

- Count preset amount of seeds (approximately 1500 per minute for corn) and deliver quantity to treater.
- Can change count each cycle; the counter tells the treater how much coating material to apply.
- Takes the guesswork out of the coating process.
- Allows operator flexibility if quantities differ from batch to batch.
- Automatic cleanout after each batch is complete.
- +/- 1% counting accuracy.
- Unit dimensions 88"H X 46"W X 34"D
- Weighs Approximately 250 lbs.

## Batch Treater Advantages:

- The unit is PLC controlled by the counter, which ensures accurate coverage based on actual seed count.
- No risk of under and over application of seed treatments.
- The centrifugal force in the mixing chamber allows a thinner layer of coating materials to adhere to the seed surface; therefore less water or liquid is needed to achieve complete coverage.
- Each batch has the correct amount of chemicals necessary and a very accurate and even distribution is ensured on each seed kernel.
- Different layers of liquid or powder chemical can be independently applied.

- ***Ideally suited for shelling line applications!***

[www.duboisengineering.com](http://www.duboisengineering.com)



**If it's a seed... we count it *FAST!***

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