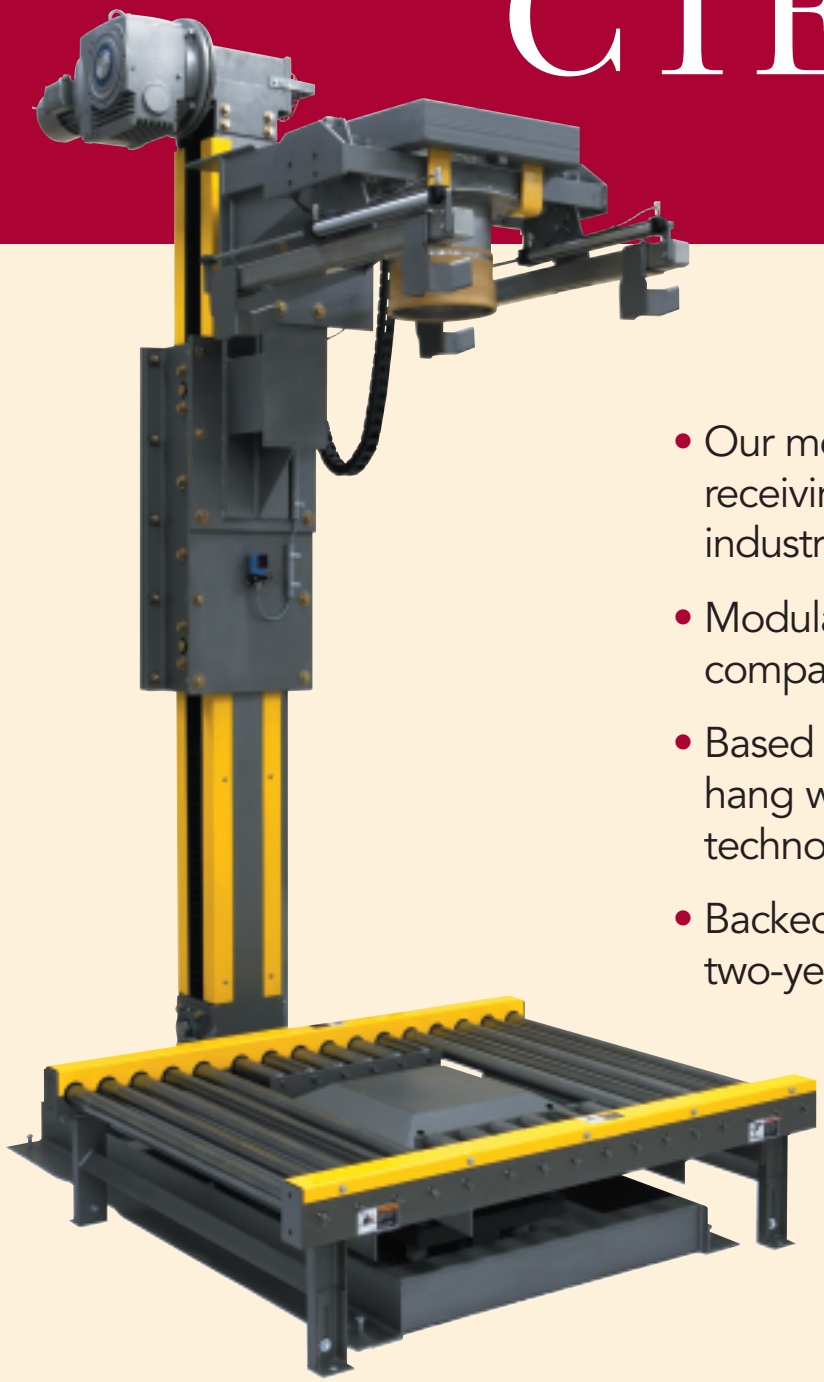
Presenting the Control & Metering CTE*



- Our most innovative machine ever, receiving fast and enthusiastic industry approval
- Modular, so it can grow as your company does
- Based on our unique and patented hang weighing and cone-table technology
- Backed by the industry's only two-year warranty

CONTROL & METERING

* Cone Table Elite Patent Pending

The Control and Metering Story

Control and Metering was founded in 1937 as a response to the rapidly expanding public infrastructure of the Depression years. For years, the company focused on supplying bulk solids handling and processing equipment to municipal water treatment plants.

As that market matured over the years, Control and Metering began to expand in the industrial field, again supplying bulk solids equipment and engineered systems to the food, chemical, and aggregates industries.

In 1988, Control and Metering became a licensed manufacturer of bulk bag filling and discharging equipment.

Today, Control and Metering is an independent manufacturer of bulk bag handling equipment. And, we continue to provide our customers – many of them Fortune 500 companies – with engineered systems solutions comprised of all manner of bulk solid conveying equipment, mixing and blending and controls.

Each year we invest considerable resources in advancing bulk bag handling technology. The CTE is our latest breakthrough as we continue to redefine optimal bulk bag filling performance.

Why a modular machine is your perfect purchase.

The CTE can be "stripped" when you buy it

Later, add vibration and weighing ...

*Or automate to eliminate forklifts... and much more**

The CTE modular bulk bagging system* provides seamless integration with plant requirements and can grow as your business expands.

The CTE's comprehensive array of standard components lets you configure the machine to perfectly suit any application. You buy only what is required to meet your current needs.

When the opportunity arises, you can easily upgrade your CTE – in the field! – by adding from the list of CTE standard components. *No longer must you scrap your initial capital investment when your bulk bagging needs change!*

Here's just one example. Your current production rate is low enough that filled bags can be removed from the filler and moved to storage by a forklift. Further, your customers are content to receive product in a single bulk bag size.

Then comes good news, with a problem attached. Your business expands, forcing an increase in the packaging rate and a switch to filling multiple bag sizes. No longer can your forklift keep up with production, and you have to adjust the filler to accommodate varying bulk bag heights.

In the past you would have been forced to buy a whole new filler. Trying to modify a forklift removal, fixed height bulk bagger would have meant a complete redesign that was often more expensive than buying a new machine.

Now, with a CTE you can easily perform a field retrofit to meet your new requirements … virtually without wasting one cent of your initial capital investment!

Control and Metering supplies the required standard components, a modified control program and the help and guidance to make the retrofit pain free. You get enhanced bulk bagging capability and maximum return on your investment!

Control and Metering people have the skill and the expertise to create your unique solution for your unique needs.

* Patent pending

What else sets the CTE above the competition

Two features of the CTE place it far beyond the ordinary. The CTE's cone table densification and hang weighing systems are the keys to successfully solving your bulk bagging problems and permanently reducing operating costs.

The cone table

The cone table is a multi-talented instrument. Its shape, vibration characteristics and direct contact with the bulk bag all contribute to its effectiveness. The cone table even contributes to maximizing ingredient density when it's not in contact with the bulk bag!

Unlike ordinary bulk baggers, the CTE doesn't need a pallet to fill a bag. Instead of the bag resting on a pallet as it is filled as with ordinary fillers, it spends about half of the fill time hanging from the CTE without bottom support. The rest of the time the cone table cycles up and down and pushes into the bottom of the bag to work its magic.

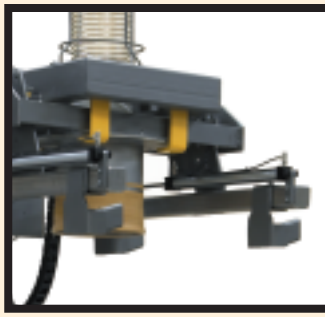
When the cone table contacts the bottom of the bulk bag, its vibrators turn on and inject vibration energy directly into the bulk bag and ingredient. (Most bulk baggers, with flat vibrating tables, must pass energy through a pallet into the ingredient). Because it is in direct contact, the cone table densifies far more efficiently.

The cone table's sloped sides force ingredient into the four bottom corners of the bag. This is critical to establishing a solid base on which to build a stable package.

When the cone table is not in contact with the bulk bag, the bag is stretched by the weight of ingredient as the bag is filled. Woven polypropylene, from which bulk bags are made, stretches. The CTE stretches the bag to optimize stability and to ensure that the maximum weight of product is packaged into a given size bag.

The hang weighing system

The CTE hang weighing system uses only two load cells. The load cells are arranged at the top of the filler instead of at the bottom as in a typical bulk bagger. This means that the weighing system sees a dead load equal to a fraction of the weight of a 'gross weigh' bagger. This ensures that weighing accuracies are the best in the industry. And, because the CTE's weigh frame connects with the load cells via a floating ball and cup system, weighing repeatability is assured.



The cone table and hang weighing systems help the CTE achieve higher packaging rates, more stable and safe packages and reduce product waste. As a result, the CTE fills bulk bags better, faster and more accurately than any other bagger on the market!

You don't just buy a bulk bag filler.

You buy a solution.

Consider modern information technology. You would never merely buy a computer, put it on your desk, and wait for it to work. You need software, printers, scanners, and the like … and most important, professional counsel on how your system can meet your specific individual needs.

It's the same with bulk bag handling technology. Control and Metering will provide state-of-the-art equipment, AND design the system that will maximize efficiency and minimize headaches.

While some may think bulk bag fillers are a commodity, in fact, they can be a sophisticated piece of equipment able to significantly improve profitability.

We are experts at creating solutions to solve a wide range of critical business problems related to bulk bag filling:

- Improving customer satisfaction by producing filled bulk bags that are stable, safe and often stackable.
- Increasing production output and/or reducing packaging labor by packaging faster.
- Recovering lost revenue by weighing more accurately.

Control and Metering has helped customers in the chemical, aggregates, food, plastics and many other industries overcome barriers that prevent them from fully realizing the benefits of using bulk bags.

We can help you improve your bulk bagging processes or ensure that your introduction to bulk bagging is painless and lucrative.

Control and Metering provides a unique combination of industry leading bulk bagging technology with unmatched application expertise.

You get more than a new piece of equipment. You get a solution that works.

Return on Investment

Your bagging system should ideally pay for itself

The CTE can pay for itself in a surprisingly short period of time. Paybacks less than 12 months and first year ROIs over 100% are common.

Why? Because the CTE's patent pending technology fills bulk bags better, quicker and more accurately than ever before.

Operating costs can be reduced in the following easily measurable ways:

Reduced bulk bag cost.
The cone table densifies ingredient better than any other method. This allows us to typically reduce the height of a bulk bag by 10% or more and permanently reduce packaging cost.

Recovered revenue.
Hang weighing is the most accurate and consistent method of filling bulk bags to a target weight, meaning you can overfill your bulk bags by a much smaller amount. For example, if you are now overfilling your bulk bags by 10 lb, hang weighing can reduce that to 2 lb. The 8 lb difference goes into the next bag and the customer pays for it instead of getting it for free - pure incremental profit!

Reduced labor cost.
The cone table densifies more quickly, which allows us to maximize the throughput of an automated bulk bagger. Package more ingredient in a shorter period of time and reduce labor cost per pound.

Reduced shipping costs.
If you ship light ingredients and can't load enough bulk bags to take advantage of a trailer's maximum weight capacity, the cone table can help. The cone table will pack more ingredient into each bulk bag thereby increasing the total weight you load into a trailer and reducing shipping costs.

Improved safety.
The cone table produces stable bags. Period. If you or your customers struggle with unstable bulk bags that decrease productivity because of the extra handling required – or worse, they are a safety hazard, the cone table can solve your problems. Better densification means bags don't slump or fall over, operators can work efficiently and you don't have to fret over the liability of shipping one-ton safety hazards to your customers.

Contact Control and Metering and we can quickly perform an economic analysis to see how much you can permanently reduce your operating costs and how quickly a CTE solution can pay for itself!

Before CTE

Product price = 50¢/lb
Production = 60,000 bags/year
Filling Rate = 10 bags/hr
Bag weight overfill[1] = 10 lb
Bag height = 76"

After CTE

Rate = 15 bags/hr
Overfill = 2 lb
Bag height = 66"

[1] *Assumes every bag is overfilled so end user is not short shipped.*

Economic Analysis

Less labor = $45,000
Less costly bag = $60,000
Reduced overfill[2] = $240,000
Annual savings = $345,000
CTE system cost = $150,000[3]
Simple payback = 5 months
Simple 1st year ROI = 230%
Annual tax effected IRR-10 yrs = 158%

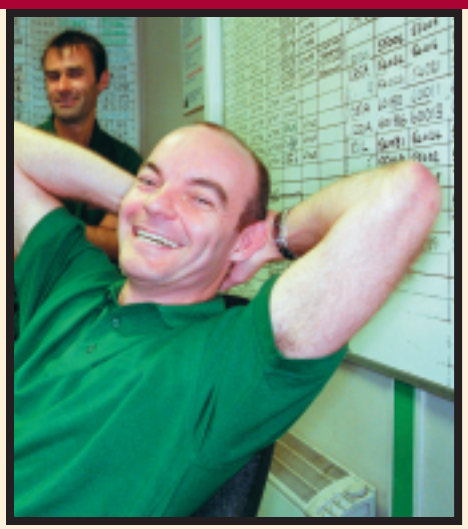
[2] *Product saved by reducing overfill is sold to customer not given away for free.*

[3] *Includes automated CTE ($75,000), conveyors, pallet dispenser, platforms, etc. CTE prices start at $9,000.*

Our prime objective is Peace of Mind

At Control and Metering, we fully understand the role of bulk bagging in the manufacturing world. We give 100% attention to bulk-bag fillers and dischargers, and the engineering of related handling systems. This is our *only* business.

We know that proper bulk bagging is a crucial part of a smooth operating



system … but we also know that it functions best when it runs virtually without notice.

If you are paying attention to your bagging system, that almost automatically means you have a problem.

And problems are what we are out to solve.

There is much to be said about the comfortable match between your company's needs and the skills and experience of Control and Metering. Certainly, it cannot begin to be encompassed in these few pages.

We invite you to visit our website – **www.controlandmetering.com** – in which we expand a great deal on what we can offer. Before or after your Internet exploration, we invite your phone calls to **905-795-9696**. Ask for **Don Mackrill**, our President. In the unlikely event that Don's unavailable, you'll be directed to someone else who can meet your needs fast.

Our prime objective is peace of mind – and that can start when you learn as much as you can about us.

CONTROL & METERING

We create solutions by the bagful

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