

How to: Improve production without increasing valuable floor space

Ask any plant manager if they're interested in improving production and you'd probably hear very few decline the offer. Many packaging lines that deal with flexible packaging are challenged by the need to replace an obsolete vertical form fill seal (vffs) bagger without increasing floor space. Other packagers – particularly those in the food industry – are looking for ways to meet the demands of a growing business or to run new package styles in order to pivot their business from food service to retail.

With a machine width of only 36 inches, Triangle Package Machinery Company's Model CSB, Compact Sanitary Bagger, may well fit the bill. Because of its narrow frame and superior design features, Model CSB can be installed as a single compact bagger or in a dual configuration, with two CSBs sharing the same scale. Its unique design means that two compact baggers can be installed in the same space required by one typical vffs machine.

For many, the ability to utilize the same square footage is a key benefit. Maximizing production throughput without increasing footprint has always been a challenge. Previously, the only way to increase throughput by 50-100% meant adding another vffs bagger or even a twin tube bagger. However, these solutions still require additional floor space that many plants just don't have.

The dual configuration option offered by Triangle's Model CSB offers several unique advantages, including:

- **Increased production.** Each Model CSB can run up to 120 cycles per minute, depending on product and bag size; in a dual configuration total output can be as high as 240 total cycles per minute. The dual configuration allows manufacturers to be more flexible and finish the day's production in less time. Co-packers can see even more benefits. For example, they can run a private label product on one side and a national brand on the other. Or they can run, say 5-oz bags of green beans on one side and 10-oz bags on the other. Because they're not tying up as many machines to achieve the same output, this frees up capacity and allows them to introduce new products on other lines, or to take on new customers.
- **Improved OEE.** In addition to improved throughput, users also see savings in operating costs with the dual baggers because they only need one operator to run two machines. And, they're not just replacing an older single bagger, they're gaining two more efficient machines.
- **Quick and easy changeovers.** Because Model CSB can run independently or in tandem, users can change over one machine while the other is still running.
- **Ease of maintenance and accessibility.** Model CSB features an internally-mounted, pivoting control box

CHALLENGE:

Improving production on your bagging line without increasing your footprint.

SOLUTION:

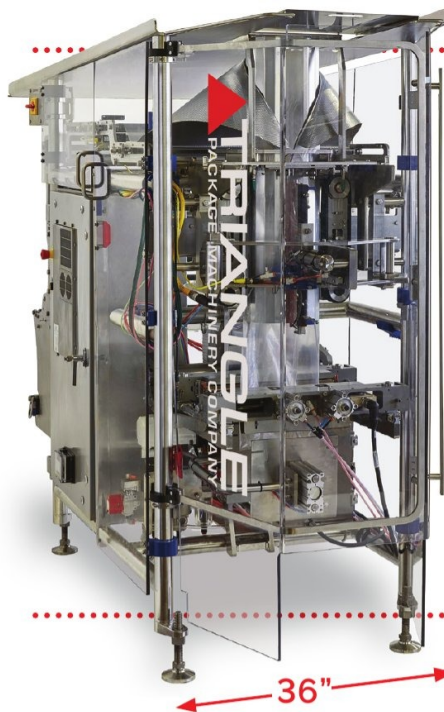
Model CSB (Compact Sanitary Bagger) from Triangle Package Machinery Company can be installed as a dual bagging system.

to allow four sides of machine access and an HMI that pivots to the right or left side of the machine to provide easy access to both baggers. In addition, users can perform routine maintenance on one machine without stopping production on both machines.

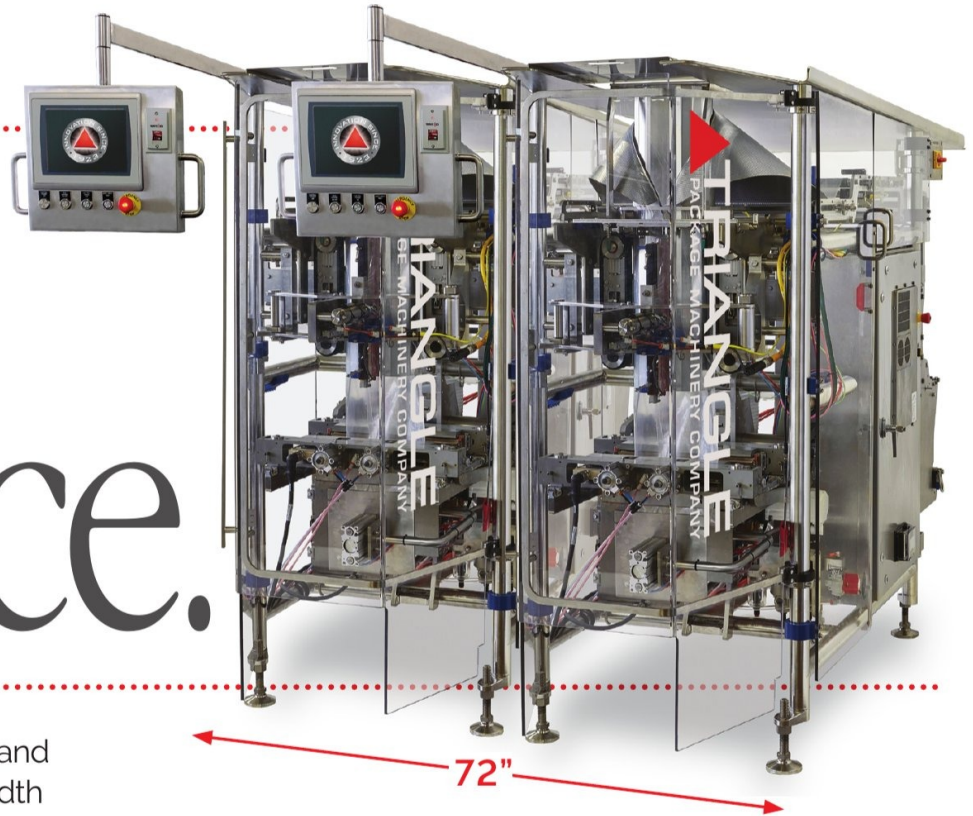
The bagger's state-of-the-art sanitation features are also key. A leader in sanitary machine designs, Triangle designed Model CSB with improved sanitation features such as a rounded stainless frame, fully welded and electropolished, and the ability to clean in place. Whether installed in a dual configuration or as a stand-alone bagging machine, Triangle's Model CSB is an efficient choice that offers state-of-the-art sanitation, improved OEE, and easy access and maintenance, as well as smart features such as Ethernet communication and Rockwell Automation PLC and servo drives.

To learn more about Triangle's Model CSB, or any of our packaging solutions, contact a Triangle sales consultant at 800-621-4170 or [email info@trianglepackage.com](mailto:email_info@trianglepackage.com). For videos, specifications and other details, visit www.trianglepackage.com.





COMPACT Bagger.



TWICE As Nice.

- Run bag sizes from 2.5" to 13" wide and 15" long in a narrow 36" machine width
- Solid stainless-steel frame, fully welded & electropolished
- State-of-the-art sanitation - designed to clean in place
- Internally mounted, pivoting control box for easy machine access
- Can pair two baggers side by side with a single scale
- Ethernet communication
- Rockwell Automation PLC and servo drives
- Run up to 120 cycles/minute per side

Our Compact Sanitary Bagger, Model CSB, packs a lot of innovation in a small footprint. With a narrow 36" machine width, use individually or pair two baggers in a dual configuration to double your output without increasing the floor space needed for a typical vffs bagger.



SCAN TO VIEW
THE CSB VIDEO

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