

CFS 622: THE NEXT GENERATION BOTTLE FILLING SYSTEM FOR SOLID DOSE PRODUCTS

Single, large bulk hopper
with smart dosing system

Full machine enclosure
for safe operation

Counting modules
for counting tablets and capsules
with 100% accuracy

Modular concept
for scalable output
and performance

Bottle conveyor
with multiple bottle
position sensors



THE CFS 622 IS THE ULTIMATE ANSWER TO THE INCREASING DEMAND FOR FLEXIBLE, MODULAR SOLUTIONS, INCREASED PRODUCTIVITY, EFFICIENCY AND A SMALLER FOOTPRINT.

Basic system concept: The CFS 622 can accommodate up to four counting modules for scalable output and performance. Due to its small footprint the autonomous bottle filling system for tablets and capsules can be easily integrated into complete bottle filling and packaging lines.

- 100% counting accuracy
- Fills up to 200 bottles per minute
- Easy to operate
- Small footprint
- Tool-free format changeover
- Many optional features for increased output and performance optimisation
- Easy integration into new or existing bottle filling and packaging lines
- Transparent machine enclosure

Output data of the CFS 622 at a glance:

Counting module positions	1-4
Max. counting speed (products/min)	20,000
Max. output (bottles/min*)	50 / 100 / 150 / 200
Bottle height	35-200 mm
Bottle diameter	20-125 mm

* With respectively 1,2,3 or 4 counting modules and average 100 count

SOLUTIONS BEYOND COUNTING. MAXIMISING YOUR PRODUCTION EFFICIENCY THROUGH OUR EXPERIENCE, TECHNOLOGY AND DEDICATION.



**CFS IN A NUTSHELL:
ACCURATE, RELIABLE
AND FLEXIBLE**

The CFS bottle filling system for solid dose products can accommodate up to four counting modules, depending on the required output. The scalable performance combined with a small footprint makes this system the most versatile on the market. With only a few change parts the CFS is able to count almost any kind of tablet or capsule and fill almost any kind of plastic or glass bottle; round, oval and rectangular. Its GMP-compliant design allows good accessibility, cleanability and guarantees complete operating safety.

The CFS 622 offers many standard benefits such as:

- Large central bulk hopper with smart dosing slider
- Servo driven vibratory plates for optimal product separation
- Infrared tablet detection with 100% accuracy
- Servo driven separation and discharge flaps
- High repeatability
- Central dust collection manifold
- Fail-safe bottle reject system
- Intuitive HMI control



**CUSTOM SOLUTIONS:
TAILORED TO YOUR
REQUIREMENTS**

The 6-channel tablet and capsule counting modules do not require any format parts, are very easy to clean and free of calibration and extensive maintenance. All product contact parts are made from pharma grade materials and are suitable for autoclave cleaning. An optional cleaning trolley can be used for convenient cleaning and storage of the product contact parts. The slim design allows for a variable number of counting modules to be placed into the CFS-622 while maintaining a small footprint.

Reliable, resourceful and innovative are the key values that have made Cremer a market leader in solid dose bottle filling systems. Our market strength lies in the ability to provide both standardised as well as fully customisable solutions for both the pharmaceutical and nutraceutical industries. Advanced engineering with a committed focus on performance and durability has resulted in a series of bottle filling systems that ranges from compact tablet counters to modular high-end counters and bottle fillers with unprecedented performance.